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HiCommand® Tuning Manager Messages Reference

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Document Revision Level

Revision	Date	Description
MK-95HC114-00	June 2006	Initial Release
MK-95HC114-01	August 2006	Revision 1, supersedes and replaces MK-95HC114-00
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Preface

The *HiCommand® Tuning Manager Messages Reference* contains information about the messages and codes that are output by the HiCommand Tuning Manager series (which includes Performance Reporter). It is intended to be referenced by both end users and administrators (system and account types) when further interpretation of a message is required, and to assist with product troubleshooting.

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Software Version

This document revision applies to HiCommand Tuning Manager version 5.8.

Convention for Storage Capacity Values

Storage capacity values displayed by HiCommand Tuning Manager are calculated based on the following values:

1 KB (kilobyte) = 1,024 bytes
1 MB (megabyte) = $1,024^2$ bytes
1 GB (gigabyte) = $1,024^3$ bytes
1 TB (terabyte) = $1,024^4$ bytes

Referenced Documents

- *HiCommand Tuning Manager Hardware Reports Reference*, MK-95HC111
- *HiCommand Tuning Manager Operating System Reports Reference*, MK-95HC112
- *HiCommand Tuning Manager Application Reports Reference*, MK-95HC113
- *HiCommand Tuning Manager Messages Reference*, MK-95HC114
- *HiCommand Tuning Manager Command Line Interface Guide*, MK-96HC119
- *HiCommand Tuning Manager Server Administration Guide*, MK-92HC021

Readme and Release Notes Contents

These files can be found on the installation CD. They contain requirements and notes for use of HiCommand Tuning Manager that may not be fully described in the manual. Be sure to review these files before installing HiCommand Tuning Manager.

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Note that in this manual, the term McDATA switches refers to switches manufactured by the former McDATA Corporation. Those switches are not included in the switches indicated by the term Brocade switches.

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Contents

Chapter 1 Main Console Error Codes and Messages 1

1.1 Log Messages 2
1.1.1 Log Messages: Alerts (WARN) 2
1.1.2 Log Messages: Alerts (ERROR) 3
1.1.3 Log Messages: Alerts (FATAL) 4
1.1.4 Log Messages: Agent Data Collection Manager (WARN) 5
1.1.5 Log Messages: Agent Data Collection Manager (ERROR) 7
1.1.6 Log Messages: Agent Data Collection Manager (FATAL) 10
1.1.7 Log Messages: API (WARN) 11
1.1.8 Log Messages: API (ERROR) 12
1.1.9 Log Messages: API (FATAL) 18
1.1.10 Log Messages: RPT (ERROR) 21
1.1.11 Log Messages: WEB (WARN) 21
1.1.12 Log Messages: WEB (ERROR) 22
1.1.13 Log Messages: WEB (FATAL) 24
1.2 Web Client Messages 26
1.2.1 Web Client WARN Messages 26
1.2.2 Web Client ERROR Messages 28
1.2.3 Web Client FATAL Messages 38
1.2.4 Reports WARN Messages 38
1.2.5 Reports ERROR Messages 38
1.2.6 Alerts ERROR Messages 40
1.3 Command Line Interface Messages 45
1.3.1 Command Line Interface Warning Messages 45
1.3.2 Command Line Interface Error Messages 45
1.3.3 Command Line Interface Fatal Messages 48

Chapter 2 Error Messages from HiCommand Suite Common Component 51

2.1 Error Messages Output by HiCommand Suite Common Component 52
2.2 Error Messages Output by HiRDB 208

Chapter 3 Collection Manager Error Codes and Messages 217

3.1 Message Format (Collection Manager) 218
3.1.1 Format of Output Messages (Collection Manager) 218
3.1.2 Message Description Format (Collection Manager) 219
3.1.3 Notes for System Administrators (Collection Manager) 220
3.2 Message Output Destinations (Collection Manager) 221
3.3 Messages Output to Syslog and Event Log (Collection Manager) 222
3.4 Messages (Collection Manager) 225

Chapter 4 Agent Error Codes and Messages 327

4.1 Message Types (Agent) 328
4.2 Message Format (Agent) 329
4.2.1 Format of Output Messages (Agent) 329
4.2.2 Format of Message Explanations (Agent) 330
4.2.3 Notes for System Administrators (Agent) 330
4.3 Agent Messages (Common to all Agents) 331
4.3.1 Message Output Destinations (Common to all Agents) 331
4.3.2 Messages (Common to all Agents) 331
4.4 Agent Messages (Agent for Platform (UNIX)) 333
4.4.1 Message Output Destinations (Agent for Platform (UNIX)) 333
4.4.2 List of Messages Output to Syslog (Agent for Platform (UNIX)) 333
4.4.3 Messages (Agent for Platform (UNIX)) 334
4.5 Agent Messages (Agent for Platform (Windows)) 343
4.5.1 Message Output Destinations (Agent for Platform (Windows)) 343
4.5.2 Messages Output to the Windows Event Log (Agent for Platform (Windows)) 343
4.5.3 Messages (Agent for Platform (Windows)) 344
4.6 Agent Messages (Agent for Oracle) 349
4.6.1 Message Output Destinations (Agent for Oracle) 349
4.6.2 Messages Output to Syslog and the Windows Event Log (Agent for Oracle) 349
4.6.3 Messages (Agent for Oracle) 351
4.7 Agent Messages (Agent for RAID) 373
4.7.1 Message Output Destinations (Agent for RAID) 373
4.7.2 Messages Output to Syslog and the Windows Event Log (Agent for RAID) ... 374
4.7.3 Messages (Agent for RAID) 376
4.8 Agent Messages (Agent for RAID Map) 426
4.8.1 Message Output Destinations (Agent for RAID Map) 426
4.8.2 Messages Output to Syslog and the Windows Event Log (Agent for RAID Map) 427
4.8.3 Messages (Agent for RAID Map) 428
4.9 Agent Messages (Agent for Microsoft SQL Server) 478
4.9.1 Message Output Destinations (Agent for Microsoft SQL Server) 478
4.9.2 Messages Output to the Windows Event Log (Agent for Microsoft SQL Server) 478
4.9.3 Messages (Agent for Microsoft SQL Server) 480
4.10 Agent Messages (Agent for NAS) 499
4.10.1 Message Output Destinations (Agent for NAS) 499
4.10.2 Messages Output to Syslog and the Windows Event Log (Agent for NAS) 499
4.10.3 Messages (Agent for NAS) 500
4.11 Agent Messages (Agent for SAN Switch) 510
4.11.1 Message Output Destinations (Agent for SAN Switch) 510
4.11.2 Messages Output to Syslog and the Windows Event Log (Agent for SAN Switch) 510
4.11.3 Messages (Agent for SAN Switch) 511
4.12 Agent Messages (Agent for DB2) 524
4.12.1 Message Output Destinations (Agent for DB2) 524
4.12.2 Messages Output to Syslog (Agent for DB2) 524
4.12.3 Messages (Agent for DB2) 525
4.13 Agent Messages (Agent for Microsoft Exchange Server) 529
4.13.1 Message Output Destinations (Agent for Microsoft Exchange Server) 529
4.13.2 Messages Output to the Windows Event Log (Agent for Microsoft Exchange Server) 529
4.13.3 Messages (Agent for Microsoft Exchange Server) 530

Chapter 5 Performance Reporter Messages.....535

5.1 Message Format (Performance Reporter)..... 536
5.1.1 Format of Output Messages (Performance Reporter)..... 536
5.1.2 Notations Used to Explain Messages (Performance Reporter)..... 537
5.1.3 Notes for System Administrators (Performance Reporter)..... 537
5.2 Package IDs (Performance Reporter)..... 538
5.3 Messages (Performance Reporter) 539

Acronyms and Abbreviations 603

List of Figures

Figure 1.1 Log Message Code Format 2

List of Tables

Table 1.1 Log Message Classes 2
Table 1.2 Alerts WARN 2
Table 1.3 Alerts ERROR 3
Table 1.4 Alerts FATAL 4
Table 1.5 Agent Data Collection Manager WARN 5
Table 1.6 Agent Data Collection Manager ERROR 7
Table 1.7 Agent Data Collection Manager FATAL 10
Table 1.8 API WARN 11
Table 1.9 API ERROR 12
Table 1.10 API FATAL 18
Table 1.11 Advanced Information Reports ERROR 21
Table 1.12 Web WARN 21
Table 1.13 Web ERROR 22
Table 1.14 Web FATAL 24
Table 1.15 Tuning Manager Message Categories 26
Table 1.16 Web Client WARN Messages (web-WARN-xxxx) 26
Table 1.17 Web Client ERROR Messages 28
Table 1.18 Web Client FATAL Messages (web-FATAL-xxxx) 38
Table 1.19 Advanced Information Reports WARN Messages 38
Table 1.20 Advanced Information Reports ERROR Messages 38
Table 1.21 Alerts ERROR Messages 40
Table 1.22 Command Line Interface WARN Messages 45
Table 1.23 Command Line Interface ERROR Messages 45
Table 1.24 Command Line Interface FATAL Messages 48

Table 2.1 HiCommand Suite Common Component Messages (KAPMxxxxx) 52
Table 2.2 HiCommand Suite Common Component Messages (KDJExxxxx) 203
Table 2.3 HiCommand Suite Common Component Messages (KEHGxxxxx) 205
Table 2.4 Error Messages Output by HiRDB and the Corresponding Table Title 208
Table 2.5 HiRDB Messages (KFPH) 209
Table 2.6 HiRDB Messages (KFPO) 210
Table 2.7 Error Cause and Actions to Be Taken for Each errno 210
Table 2.8 HiRDB Messages (KFPR) 211
Table 2.9 HiRDB Messages (KFPS) 211
Table 2.10 HiRDB Messages (Which Require No Action) 211
Table 2.11 HiRDB Messages (Which Require Collection of Maintenance Information, and Contact to Customer Support) 212
Table 2.12 HiRDB Messages (Which Require Re-execution of the Operation) 214
Table 2.13 HiRDB Messages (Which Require Restoration of the Database) 215
Table 2.14 HiRDB Messages (Which Require the System to Be Restarted, and Re-execution of the Operation) 215

Table 3.1 Output Destinations of Collection Manager Messages 221
Table 3.2 Messages Output to Syslog and Windows Event Log 222
Table 3.3 Messages Issued by Collection Manager 225

Table 4.1 Message Description Locations 328
Table 4.2 Output Destinations of Agent Messages (Common to All Agents) 331
Table 4.3 Messages Issued by All Agents 331
Table 4.4 Output Destinations of Agent for Platform (UNIX) Messages 333
Table 4.5 Messages Output to Syslog 333
Table 4.6 Messages Issued by Agent for Platform (UNIX) 334
Table 4.7 Output Destinations of Agent for Platform (Windows) Messages 343
Table 4.8 Messages Output to Windows Event Log 344
Table 4.9 Messages Issued by Agent for Platform (Windows) 344
Table 4.10 Output Destinations of Agent for Oracle Messages 349
Table 4.11 Messages Output to Syslog and to the Windows Event Log 350
Table 4.12 Messages Issued by Agent for Oracle 351
Table 4.13 Output Destinations of Agent for RAID Messages 373
Table 4.14 Messages Output to Syslog and Windows Event Log 374
Table 4.15 Messages Issued by Agent for RAID 376
Table 4.16 Output Destinations of Agent for RAID Map Messages 426
Table 4.17 Messages Output to Syslog and Windows Event Log 427
Table 4.18 Messages Issued by Agent for RAID Map 428
Table 4.19 Output Destinations of Agent for Microsoft SQL Server Messages 478
Table 4.20 Messages Output to Windows Event Log 479
Table 4.21 Messages Issued by Agent for Microsoft SQL Server 480
Table 4.22 Output Destinations of Agent for NAS Messages 499
Table 4.23 Messages Output to Syslog and Windows Event Log 500
Table 4.24 Messages Issued by Agent for NAS 500
Table 4.25 Output Destinations of Agent for SAN Switch Messages 510
Table 4.26 Messages Output to Syslog and Windows Event Log 511
Table 4.27 Messages Issued by Agent for SAN Switch 511
Table 4.28 Output Destinations of Agent for DB2 Messages 524
Table 4.29 Messages Output to Syslog 524
Table 4.30 Messages Issued by Agent for DB2 525
Table 4.31 Output Destinations of Agent for Microsoft Exchange Server Messages 529
Table 4.32 Messages Output to Windows Event Log 529
Table 4.33 Messages Issued by Agent for Microsoft Exchange Server 530

Table 5.1 Package IDs 538
Table 5.2 Messages Issued by Performance Reporter 539

Chapter 1 Main Console Error Codes and Messages

This chapter explains error messages output by Tuning Manager.

- Log Messages (see section 1.1)
- Web Client Messages (see section 1.2)
- Command Line Interface Messages (see section 1.3)

1.1 Log Messages

Log messages appear with codes in the format shown in Figure 1.1.

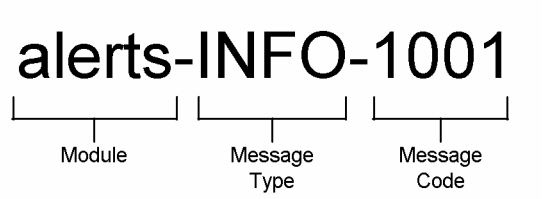


Figure 1.1 Log Message Code Format

The following Table 1.1 shows the Tuning Manager log message classes.

Table 1.1 Log Message Classes

Message Type	Description
WARNING	Non-critical event
ERROR	Unable to complete task
FATAL	Internal error requiring further support

Note: For the locations of log files, see the section that explains application log files in the *HiCommand Tuning Manager Server Administration Guide*. Individual message and code are detailed in the sections 1.1.1 through 1.1.13.

1.1.1 Log Messages: Alerts (WARN)

Table 1.2 Alerts WARN

(alerts-WARN-xxxx)		
Message Code	**Message**	**Notes**
0000	No data times are present for any resources for the given time range lastTs=<*aggregation-start-time*>, currTs=<aggregation end time>	Select a different time period.
0001	No bound alerts for the given time range lastTs=*aggregation-start-time*, currTs=*aggregation-end-time*	Seek further support. Perform `htm-dump`. For details, see the section explaining `htm-dump` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0002	Null alerts provided to processing	Seek further support. Perform `htm-dump`. For details, see the section explaining `htm-dump` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0003	Illegal start command, AlertMonitor is already running	No further action required.

(alerts-WARN-xxxx)		
Message Code	**Message**	**Notes**
0004	Illegal stop command, AlertMonitor is in stopped condition	No further action required.
0005	Null message received for parsing	Seek further support. Perform `htm-dump`. For details, see the section explaining `htm-dump` in the *HiCommand Tuning Manager Command Line Interface Guide*.

1.1.2 Log Messages: Alerts (ERROR)

Table 1.3 Alerts ERROR

(alerts-ERROR-xxxx)		
Message Code	**Message**	**Notes**
0000	*name-of-the-notifier* encountered null task to execute	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0001	SNMP trap generation tool not found: *%s*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0002	ActivationSunchronizer received null *resource-ID* and/or func from event	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0003	Notify error message is *error-message*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.

1.1.3 Log Messages: Alerts (FATAL)

Table 1.4 Alerts FATAL

(alerts-FATAL-xxxx)		
Message Code	**Message**	**Notes**
0000	One time boundary is null, lastTs=*aggregation-start-time*, currTs=*aggregation-end-time*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0001	Exception occurred in method *exact-location-of-abnormal-condition-in-the-system*, Exception: *cause-of-the-condition*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0002	Error in *name-of-the-alert-notifier-that-failed* notifier, couldn't notify alert. Reason: *reason-for-failure-in-notification*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0101	System error occurred: *system-error-description*, check system log	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0500	Unexpected exception raised in *originating-code-unit further-exception-information*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.

1.1.4 Log Messages: Agent Data Collection Manager (WARN)

Table 1.5 Agent Data Collection Manager WARN

(pwproxy-WARN-xxxx)		
Message Code	**Message**	**Notes**
2000	JNI: Unsupported agent type: *one-character-agent-type*. Ignoring ...	No user action required.
2001	JNI: *resource-type* object not found for time: *datetime-value*	Check configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
2002	Agent *agent-name*: *record-ID* table returned zero records for time range: *start-time*, *end-time*	The Collection Manager has not received data from a particular agent. This may be due to a time lag problem. For details, see the section that explains how lagging machine clocks delay data updates in the *HiCommand Tuning Manager Server Administration Guide*.
2003	JNI: *message-string*	Informational message output by the JNI software component.
2004	JNI: Agent *agent-name* is not available, cannot get configuration information.	Check configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
2005	Cannot find appropriate subnet mask for server ip *ip-address*.	Determine whether subnet has changed since configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
2006	Agent *agent-name* Cannot get data, incorrect structure for record *record-ID*.	Check configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.

(pwproxy-WARN-xxxx)		
Message Code	**Message**	**Notes**
2007	Agent *agent-name*: *table-ID* table returned zero records for realtime query	Check configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
2008	Agent *agent-name*: Cannot get data, Data Model Version *product-version* not supported.	This version of the agent is not supported.
3000	Polling Status Notification	Informational message triggered by a configured polling status event. An email containing this message is also sent to the specified user. For details, see the section explaining the configuration of Agent polling status alerts in the *HiCommand Tuning Manager Server Administration Guide*.
3001	Polling for *agent-name* (*agent-type*) has failed for x (more than y hours), at *polling-time*	Informational message triggered by a configured polling status event. An email containing this message is also sent to the specified user. For details, see the section explaining the configuration of Agent polling status alerts in the *HiCommand Tuning Manager Server Administration Guide*.
3002	Polling was skipped, at *polling-time*	Informational message triggered by a configured polling status event. An email containing this message is also sent to the specified user. For details, see the section explaining the configuration of Agent polling status alerts in the *HiCommand Tuning Manager Server Administration Guide*.
3003	Polling took x (more than y hours), at <polling time>	Informational message triggered by a configured polling status event. An email containing this message is also sent to the specified user. For details, see the section explaining the configuration of Agent polling status alerts in the *HiCommand Tuning Manager Server Administration Guide*.
3004	Agent: %s: Ignoring record for %s as there is no SLPR information	SLPR not found for the specified agent.

1.1.5 Log Messages: Agent Data Collection Manager (ERROR)

Table 1.6 Agent Data Collection Manager ERROR

(pwproxy-ERROR-xxxx)		
Message Code	**Message**	**Notes**
0500	Unexpected exception raised in *function-name*. *exception-detail*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1000	Error in polling for agent *name-of-agent*: *error-message*	Check configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1001	Error in transaction rollback: *error-message*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1002	Error in adding agent *name-of-agent*: *error-message*	Check agent configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1003	Error in parsing property *property-name*. Using internal default: *value*	Check and revise configuration.
1004	Unable to update last polling time for agent *agent-name*: *error-message*	Check configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1005	Agent: *agent-name*: *function-name*: Error in parsing date: *error-message*	Check configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.

(pwproxy-ERROR-xxxx)		
Message Code	**Message**	**Notes**
1006	Agent: *agent-name*: *function-name*: *attribute-name* is empty	Check configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1007	Agent: *agent-name*: Unable to find *resource-type* resource: *resource-name*	Check configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1008	Agent: *agent-name*: Unable to create *resource-type* resource: *resource-name*	Check configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1009	Agent: *agent-name*: Attribute *attribute-name* of resource *resource-name* is empty	Check configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1010	Agent: *agent-name*: Unable to disable *resource-name*: *error-message*	Check configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1011	Polling in unknown state. It will be aborted.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1012	Thread interrupted unexpectedly: *error-message*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.

(pwproxy-ERROR-xxxx)		
Message Code	**Message**	**Notes**
1013	Function: *function-name*: Unable to load resource ID *number*	Check configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1014	Function: *function-name*: Missing agent ID on resource: *resource-name*	Check configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1015	Function: *function-name*: Unable to load agent *agent-name*	Check configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1016	Unable to execute system command: *command-string*: *error-message*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1017	Unable to remove agent from Collection Manager: *error-message*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
2000	JNI: Unable to extract subnet information from IP Address: *IP-address*, Subnet Mask: *subnet-mask*	Check configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
2001	JNI Error: *error-message*	Error returned by JNI software component.

(pwproxy-ERROR-xxxx)		
Message Code	**Message**	**Notes**
2002	Error in polling for agent *Agent name*	An attempt to collect data from the agent has failed. Possible causes are as follows: ▪ The agent had stopped. ▪ A communication error occurred during communication with the agent. ▪ An error occurred in Collection Manager. If the monitored agent has stopped, start it. If a network error between Tuning Manager and the agent occurred, review the network configuration. If the problem still remains, use the `hcmdsgetlogs` command to obtain Tuning Manager maintenance information, and then contact maintenance personnel.

1.1.6 Log Messages: Agent Data Collection Manager (FATAL)

Table 1.7 Agent Data Collection Manager FATAL

(pwproxy-FATAL-xxxx)		
Message Code	**Message**	**Notes**
0500	Unexpected exception raised in *function-name*. *error-message*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1000	Agent: *agent-name*: *resource-type* ResourceDef not found	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1001	Agent: *agent-name*: *attribute-type* AttributeDef not found	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1002	Agent: *agent-name*: Unable to find *resource-type* resource: *resource-name*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1003	System property *property* not defined	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.

(pwproxy-FATAL-xxxx)		
Message Code	**Message**	**Notes**
1004	Unable to *Action* Collection Manager: *error-message*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1005	Collection Manager Home not set properly	Check configuration. If necessary, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
2000	PW: Function *CollectionMgrFunction* failed: *error-message*	When CollectionMgrFunction is `NSInit`, this error indicates that Collection Manager did not successfully start. HiCommand Tuning Manager cannot proceed without Collection Manager. To isolate the problem, try starting Collection Manager independently and then starting HiCommand Tuning Manager. If you continue to experience this `NSinit` error, seek further support.

1.1.7 Log Messages: API (WARN)

Table 1.8 API WARN

(api-WARN-xxxx)		
Message Code	**Message**	**Notes**
0000	*listener* is already registered, hence ignored	No action required.
1001	No Aggregator defined for AttributeDef: *attribute-ID*. Please log a bug.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1002	Trying to set limit on a data table of index *table-index* that does not exist. Please log a bug.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1003	Null Event received in *code-location*. Please log a bug.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.

(api-WARN-xxxx)		
Message Code	**Message**	**Notes**
1004	Incomplete Event. Null *data-element*. Please log a bug.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1005	No resource with ID (*resource-id*) found to disable. Doing Nothing.	User error in specifying resource ID. Have the user try again.
1006	Not allowed to disable root resource.	No further action required.
1007	Unable to send mail. *message*	Indicates a server configuration issue or an unresponsive mail server. Seek further support.
1008	SMTP Authentication failed for user *user-name* on SMTP Host *hostname*, cannot send Email.	Confirm that the host and user information entered for email alerts is correct.
1009	The command is not specified to be a property of %s.	The system continues to process. Specify the command to be executed for the system property of %s.
1010	Execution of %s command failed. %s occurred.	The system continues to process. Make sure that the %s command is executable.
1012	The value {0} specified for property key {1} is invalid. The default value {2} will be used.	The system continues to process. The specified value is replaced with the default value. {0}: Value specified by the user {1}: Key name {2}: Default value set by the program
8080	The specified configuration "{0}" is the same as the current configuration.	The system continues to process. {0}: Specified configuration
8081	When the database is expanded, the kernel parameters must be revised. Do you want to continue the processing as is? [Y/N] >	If you enter `Y` (or `y`), the system continues to process. If you enter `N` (or `n`), the system ends the process.

1.1.8 Log Messages: API (ERROR)

Table 1.9 API ERROR

(api-ERROR-xxxx)		
Message Code	**Message**	**Notes**
0001	Message format string not found *code*	Could not find a message for the specified code.
0002	Logger not found.	Tuning Manager could not find the `log.properties` file. Perform a REPAIR installation of HTM-CD2 to resolve the problem. (For details about performing a REPAIR installation, see the *HiCommand Tuning Manager Installation Guide*.)

(api-ERROR-xxxx)		
Message Code	**Message**	**Notes**
0500	Unexpected exception raised in *code-location*. *exception-stack-trace* Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0510	Unexpected SQL exception raised during *operation*. *exception-stack-trace* Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0511	Unexpected internal exception raised. Reason: The current thread was interrupted during *operation*. *exception-stack-trace* Possibly server in unrecoverable state. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0512	Unexpected internal exception raised. Reason: Transaction rollback failed after transaction failure during *operation*. *exception-stack-trace* Possibly server in unrecoverable state. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0513	Unexpected internal exception raised during *operation*. *exception-stack-trace* Possibly server in unrecoverable state. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0514	Unexpected internal NumberFormatException raised during *operation*. *exception-stack-trace*. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0515	Database Error in Aggregation [%s]: %s	An SQL exception occurred during time-axis aggregation. Seek further support. Perform `htm-getlogs`. For details, see the section explaining `htm-getlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0516	An unexpected internal error occurred. Reason: <Key> has not been set for the system property.	Specify %s for the system property.
1000	Unable to find *resource-name* resource for agent *agent-name*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.

(api-ERROR-xxxx)		
Message Code	**Message**	**Notes**
1001	Unable to load agent with ID *agent-name* Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1002	No ResourceDef found of type: *resource-type* Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1003	No Key attributes found to search Resource in attributes: *attribute-list* Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1004	No AttributeDef found by the tag name: *attribute-tag-name* Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1005	Invalid parent resource specified. Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1006	Resource data could not be inserted/updated. Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1007	The requested Resource could not be created. Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1008	Not a valid ResourceDef: *resource_definition* Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1009	No primary Role specified for RelationDef = *relationship* Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.

(api-ERROR-xxxx)		
Message Code	**Message**	**Notes**
1010	Cannot find Relation for Primary ResourceId *resource-name* and RelationDef *relationship* Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1011	Could not insert Relation Member. Params are rows affected (*row*), Relation ID (*relationship*), Member Id(*member_ID*), time(*date-time*) Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1012	Could not disable Relation Member. Params are rows affected (*row*), Relation ID (*relationship*), Member Id(*member_ID*), time(*date-time*) Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1013	Unable to insert row into cs_sequence for seq_nm = *sequence_number* Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1014	Unable to update row into cs_sequence for seq_nm = *sequence_number* Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1015	Unable to insert tmp data into tmp table. Id(*ID*), table(*table-name*) Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1016	Unable to update resource data for res(*resource-name*), attr(*attribute-name*), time(*date-time*), dblValue( ), strValue( ), Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1017	Unable to update update_time for resource (*resource-name*). Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
3022	Cannot connect the following agents. The agents may be down or not be configured correctly : agents	System will not allow users to connect to agent. Check the configuration and status of the agent.
7004	This license key file is invalid.	Information message
7005	The required license key is missing from the license key file. This license key file may be for a different product.	Information message

(api-ERROR-xxxx)		
Message Code	**Message**	**Notes**
7006	This license key is either invalid or may be for another product.	Information message
7007	This license key is invalid or has already been registered.	Information message
7008	The temporary license has expired. Enter a product license key or a product license key file.	Information message
7009	The emergency license has expired. Enter a product license key or a product license key file.	Information message
7010	One or more application files are corrupt.	Notify the maintenance personnel.
7011	This license key file is invalid or has already been registered.	Information message
8000	Unable to locate directory: *directory-path*.	The `htm-dump` utility cannot find a valid environment variable pointing to the *HTMHome* directory.
8001	*directory-path* is not a valid directory.	Specify a valid directory for `-d` *target-directory*
8002	*directory-path* is not empty. Please specify an empty directory.	Target directory must be empty. Either clear out the specified directory or specify an empty directory.
8003	In orion.properties. Property: *property-name*. Directory is invalid.	The utility requires access to a valid directory.
8004	In orion.properties. Property: jdbc.url. Url is invalid.	This property must properly point to the location of the InterBase® datafiles.
8005	Interbase backup error: *error-message-text*.	The InterBase `gbak` utility is unable to successfully backup the database. Consult InterBase documentation for details on InterBase errors.
8006	Unable to back up properties and log files. Make sure you have read and write permissions.	This is an indication of a problem in the file system. Check file permissions.
8007	Unable to back up the database.	Confirm that HiCommand Tuning Manager and InterBase services are both stopped.
8008	Directory: *directory-path*. Make sure you have read and write permissions.	Change the directory permissions.
8009	Directory: *directory-path*. Make sure you have read permission.	Change the directory permissions.
8010	HiCommand Tuning Manager is running. Make sure you STOP the HiCommand Tuning Manager before using the `htm-dump` | `htm-getlogs` program.	Stop HiCommand Tuning Manager before proceeding. For details, see the section that explains stopping and restarting HiCommand services in the *HiCommand Tuning Manager Server Administration Guide*.

(api-ERROR-xxxx)		
Message Code	**Message**	**Notes**
8011	File: *filename*. Make sure you have read and write permissions.	You must have read/write permissions in order to execute this utility.
8012	Unable to locate file: *filename*.	Be sure you specified the correct filename.
8013	You must specify a directory.	Specify a directory as a target for the -d parameter.
8014	The command could not execute because there was an unknown parameter ({0}).	The command does not support a specified parameter. {0}: Option name
8015	The command could not execute. Check the command syntax.	Use the `-h` parameter with the command to see its correct usage.
8016	An error occurred in *htm-getlogs-command*: *message*	The `htm-getlogs` command encountered an error during the phase indicated in the message. Correct the problem indicated in the message, and then try again.
8017	Unable to create the zip file: *message*	The `htm-getlogs` command encountered an error while compressing the gathered logs to a zip file. Correct the problem indicated in the message, and then try again.
8041	The HiCommand Tuning Manager service is running. To execute the `htm-db-convert` command, the HiCommand Tuning Manager service must be stopped.	Aborts processing. Contact HTM Server Administrator.
8042	The InterBase service is not running.	Aborts processing. Start InterBase Service.
8044	The <command-string> command returned the error code <error-code>.	Aborts processing. Take action based on the message output by the *command-string* command.
8045	Preparation for the execution of htm-db-convert command does not complete.	Aborts processing.
8046	The path specified for the `areapath` option is too short.	Investigate further.
8047	The path specified with the areapath option exceeds 64 bytes.	Aborts processing. Specify a path no longer than 64 bytes for -areapath.
8048	The free space of the data storage area "{0}", specified with the areapath option, is insufficient. Make sure that the required free space is available ({1} MB), and then re-execute the command.	Aborts processing. Specify a data storage area with sufficient free space for the areapath option. {0}: Specified areapath {1}: Required free space (MB)
8049	The free space of the data storage area "{0}", specified with the areapath option, is insufficient or a kernel parameter is invalid. Make sure that the required free space is available ({1} MB), or check and, if necessary, revise the kernel parameter setting, and then re-execute the command.	Aborts processing. Specify a data area with sufficient free space for the areapath option or revise the kernel parameters. {0}: Specified areapath {1}: Required free space (MB)

(api-ERROR-xxxx)		
Message Code	**Message**	**Notes**
8050	The HiCommand Tuning Manager is not installed successfully.	Aborts processing. Install the HiCommand Tuning Manager.
8051	The path specified with the areapath option contains an invalid character.	Aborts processing. Specify a path without invalid characters for the areapath option.
8080	The specified configuration is invalid. Specify a configuration that is larger than the current configuration. Current Configuration: {0} Specified Configuration: {1}	Aborts processing. Specify the correct value for the `-scale` option of the `htm-db-setup` command. {0}: Current configuration {1}: Specified configuration
8081	A directory for the new data area has not been specified.	Aborts processing. Use the `-areapath` option to specify a storage directory for the new data area.
8090	The HiCommand Tuning Manager service is running. Stop the service, and then re-execute the command.	Aborts processing. HiCommand Tuning Manager is running. Stop the service.

1.1.9 Log Messages: API (FATAL)

Table 1.10 API FATAL

API (api-FATAL-xxxx)		
Message Code	**Message**	**Notes**
0500	Unexpected exception raised in *code-location*. *exception-stack-trace*. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0510	Internal Error. Cannot instantiate aggregator class. Classpath Error. *exception-stack-trace* Server in unstable state. Contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0540	The <exception-stack-trace> exception occurred. Contact the HTM server administrator.	Aborts processing. Contact the HTM server administrator. Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.

API (api-FATAL-xxxx)		
Message Code	**Message**	**Notes**
0541	The <exception-stack-trace> exception occurred. Contact the HTM server administrator.	Aborts processing. Contact the HTM server administrator. Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1000	No AttributeDef found for ID: *attribute-id*. Installation error, possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1001	No AttributeDef found for tagName : *attribute-tag-name*. Installation Error. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1002	User Profile could not be created. Error : *exception-stack-trace*. Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1003	Unable to get the next Sequence Id. Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1004	Server Property File does not exist : *exception-stack-trace*. Installation Error. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1801	Failed while updating the user information. Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1804	Failed while removing agents. Possible database corruption. Please contact the HTM server administrator.	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
8000	Unable to locate the properties file: *property-file-name*. Terminating operation.	htm-dump requires access to the orion.properties file to obtain locations of various files for copying and backup.
8002	Cannot display htm-dump session status messages. Terminating operation.	htm-dump cannot access logging components provided by HiCommand Tuning Manager.

API (api-FATAL-xxxx)		
Message Code	**Message**	**Notes**
8041	<key-word> could not be found in <properties-file-name>.	Aborts processing. Contact the HTM server administrator.
8042	The patch module could not be found.	Aborts processing. Contact the HTM server administrator.
8043	The path <file-path-name> could not be found.	Aborts processing. Contact the HTM server administrator.
8044	The <command-string> command returned the error code <error-code>.	Aborts processing. Contact the HTM server administrator.
8045	The command could not be executed ({0}, %{1})	Aborts processing. Contact the HTM server administrator. {0}: Command path {1}: n/a
8046	The <file-name> file could not be deleted.	Aborts processing. Contact the HTM server administrator.
8047	The <file-name> property file could not be found. Processing will now stop.	Aborts processing. Contact the HTM server administrator.
8049	The {0} property file could not be found.	Execute the `hcmdsgetlogs` command, and then contact the HTM server administrator. {0}: Property file name
8050	An error occurred while reading {0} property file. (reason = {1})	Execute the `hcmdsgetlogs` command, and then contact the HTM server administrator. {0}: Property file name {1}: Output of the error that occurred while reading the file and the exception
8051	The value of {0} in {1} property file is invalid(value = {2})	Execute the `hcmdsgetlogs` command, and then contact the HTM server administrator. {0}: Property name {1}: Property file name {2}: Property value
8052	{0} does not exist in the property file {1}.	Execute the `hcmdsgetlogs` command, and then contact the HTM server administrator. {0}: Property name {1}: Property file name
8056	A required service is not running. Please contact the HTM server administrator. Service: {0}	Aborts processing. A required service is not running. Contact the HTM server administrator. {0}: Service

1.1.10 Log Messages: RPT (ERROR)

Table 1.11 Advanced Information Reports ERROR

RPT (RPT-ERROR-xxxx)		
Message Code	**Message**	**Notes**
0500	Unexpected exception raised in *module*. *exception*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
1010	The "From" time cannot be after the current time. Specify a time before the current time.	The starting time is not specified correctly.
1011	The "To" time cannot be after the current time. Specify a time before the current time.	The ending time is not specified correctly.
1012	Specify a "From" time that is before the "To" time.	The ending time is earlier the starting time.
1013	The date ranges specified contained more than {0} intervals. Specify a date within either of the following ranges: {1} to {2} {3} to {4}	The date range is not specified correctly. Specify a date within either of the following ranges: {1} to {2} {3} to {4}
2501	The amount of historical data entered exceeds the maximum value. For interval {0}, specify a value less than {1}.	The number of records exceeds the maximum value. Revise the number of records.
2502	Enter a value that is 1 or greater for the number of records.	The number of records is not specified correctly.
2503	Enter a positive integer for the number of records.	The number of records is not specified correctly.
2504	Enter the number of records.	The number of records is not specified.

1.1.11 Log Messages: WEB (WARN)

Table 1.12 Web WARN

WEB (web-WARN-xxxx)		
Message Code	**Message**	**Notes**
2205	The settings for launching Storage Navigator applications cannot be configured, because only the SLPR number <SLPR number>s can be used for the subsystem.	None.
8101	Specified application isn't running on Storage Navigator.	Investigate further.

WEB (web-WARN-xxxx)		
Message Code	**Message**	**Notes**
8102	The Storage Navigator cannot be launched by using the microcode version of this storage subsystem. To launch the Storage Navigator, the microcode version of the subsystem must be upgraded.	Aborts processing. Upgrade the microcode version.
8103	The function *function* on the storage subsystem does not exist.	Aborts processing. Check the storage subsystem functionality.
8104	License Key *license key* is not installed.	Aborts processing. Install *license key* or update the function menu.
8105	The License key *license key* is invalid.	Aborts processing. Validate the license key or update the function menu.

1.1.12 Log Messages: WEB (ERROR)

Table 1.13 Web ERROR

WEB (web-ERROR-xxxx)		
Message Code	**Message**	**Notes**
0001	*error detail*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0500	Unexpected exception raised in *module*. *exception*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
0501	More than one Disk Groups are attached to the file system.	Confirm configuration. If the error is not cleared, execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
2000	The user ID or password is invalid.	Enter the correct user ID and password to log in to HTM.
2004	The user ID already exists. Choose another User ID.	An error message is displayed. Change the user ID to a unique name.
2399	The password must begin with one of the following characters:	An error message is displayed. Enter a password that starts with a-z, A-Z, or 0-9.
2400	Enter a valid User ID.	None.

WEB (web-ERROR-xxxx)		
Message Code	**Message**	**Notes**
2450	Enter User ID.	An error message is displayed. Enter a valid user ID.
2451	A space cannot be used at the beginning or end of a user ID.	An error message is displayed. Enter a user ID that starts or ends with a character other than a space.
2452	An invalid character has been used in the user ID. <USERID_String> Only the following characters can be used:	An error message is displayed. Enter a user ID that contains only valid characters.
2496	The user ID must begin with one of the following characters:	An error message is displayed. Enter a user ID starting with a-z, A-Z, or 0-9.
2500	The user ID must be between 4 and 25 characters.	An error message is displayed. Enter a user ID of more than three characters.
2501	The password must be between 4 and 25 characters.	An error message is displayed. Enter a password of more than three characters.
3016	The selected RAID Storage subsystem is not connected. Click the Refresh button to display the latest status.	Set the error message in the request object.
3018	The serial number is invalid.	None.
3019	The unit number is invalid.	None.
3020	The selected agent cannot be connected to because the current mode does not permit connection.	None.
3022	Cannot connect the following agents. Specified agents are not found in database. : %s	Seek further support. Perform `htm-getlogs`. For details, see the section explaining `htm-getlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.
4003	An attempt to collect data has failed.	Check the configuration for the selected subsystem.
8101	A communication error occurred. Check the network connection.	Aborts processing. Check the network connection.
8102	The user ID *user-ID* or password is invalid.	Aborts processing. Enter the user ID and password of a valid Storage Navigator user.
8103	A user with the same user ID *user-ID* is already logged in.	Aborts processing. The specified user must log out to set or launch Storage Navigator.
8104	An error occurred during processing on the storage subsystem (Part Code = *part-code* Error Number = *error-number*). For details, see the manual for Storage Navigator Error Codes.	Aborts processing. Check the Part Code and Error Number, and then refer to the manual for Storage Navigator Error Codes.

WEB (web-ERROR-xxxx)		
Message Code	**Message**	**Notes**
8105	The specified user *user-ID* is a partitioned storage administrator.	Aborts processing. Specify the storage administrator as the user.
8106	A communication error occurred. Check the destination address and network connections.	Aborts processing. Check the destination address and network connection.
8107	The specified menu *menu* has already been launched by the same client.	Aborts processing. Check whether that menu was already launched when Storage Navigator was launched.
8108	The selected product type is different to the product type of the storage subsystem at the specified destination address. Check the product type and destination address.	Aborts processing. Check the product type and destination address again.
8109	The selected serial number is different to the storage subsystem serial number of the specified destination address. Check the serial number and destination address.	Aborts processing. Check the serial number and destination address again.
8201	The specified agent has been deleted.	Aborts processing. Make sure that the specified agent exists.
8202	The user configuration is invalid: <USER_CONF>	Continues processing using the default value. Revise the value specified for <USER_CONF> in the user property file.

1.1.13 Log Messages: WEB (FATAL)

Table 1.14 Web FATAL

WEB (web-FATAL-xxxx)		
Message Code	**Message**	**Notes**
0101	System error occurred: *SystemErrorType*, Check system log	If SystemErrorType is `InterBase not running`, this is a fundamental dependency preventing HiCommand Tuning Manager from starting. Possible causes: InterBase service(s) cannot start due to a database corruption. See the InterBase documentation. Windows®: examine Event Viewer and the Services panel. Solaris™: see the system logs.
0103	Unable to authenticate.	The user attempted an invalid login. If persistent, seek further support.
0500	Unexpected exception raised in *module*. *exception*	Execute the `hcmdsgetlogs` command, and then notify the maintenance personnel. For details, see the section explaining `hcmdsgetlogs` in the *HiCommand Tuning Manager Command Line Interface Guide*.

WEB (web-FATAL-xxxx)		
Message Code	**Message**	**Notes**
8101	An unexpected error occurred. Contact the HTM server administrator.	Aborts processing. Contact the HTM server administrator.
8102	Specified parameter is invalid. Please contact your system administrator.	Investigate further.

1.2 Web Client Messages

Messages displayed in the web client are organized in these categories:

Table 1.15 Tuning Manager Message Categories

Message Type	Description
WARNING	Non-critical event
ERROR	Unable to complete task
FATAL	A fatal error occurred.

Individual web client messages and codes for can be found in these following sections:

- Web Client WARN Messages (see 1.2.1)
- Web Client ERROR Messages (see 1.2.2)
- Web Client FATAL Messages (see 1.2.3)
- Reports WARN Messages (see 1.2.4)
- Reports ERROR Messages (see 1.2.5)
- Alerts ERROR Messages (see 1.2.6)

Command line program errors can be found in the following sections:

- Command Line Interface Warning Messages (see 1.3.1)
- Command Line Interface Error Messages (see 1.3.2)
- Command Line Interface Fatal Messages (see 1.3.3)

1.2.1 Web Client WARN Messages

Table 1.16 Web Client WARN Messages (web-WARN-xxxx)

Web Client WARN Messages (web-WARN-xxxx)		
Message Code	**Message**	**Notes**
0002	No Disk Group or Physical Device related to Filesystem.	Contact your system administrator to report this error.
2200	Attention: Polling is in progress.	This message appears as a status notification. (Agent list refreshing is not possible while polling is in progress.)

Web Client WARN Messages (web-WARN-xxxx)		
Message Code	**Message**	**Notes**
2201	Attention: Server was shut down before polling completed.	This warning message appears if you login sometime after the administrator has shutdown HiCommand Tuning Manager while polling was in progress. In most cases, data for recent time periods will be automatically collected again during the next polling period. Contact your system administrator for further information.
2202	Polling was interrupted before completion.	See administrator if polling does not consistently complete.
2203	Agent *agent-name* may be down. Cannot get configuration information.	Check the agent's status and restart if needed.
2204	Agent *agent-name* may be down. Cannot get list of logical disks.	Check the agent's status and restart if needed.
2206	This will delete the Storage Navigator settings.	None.
2600	This will delete the user.	No additional action required.
2601	This will remove the selected agents.	No additional action required.
2602	Polling is in progress. Metrics are being gathered and/or calculated.	Try operation again later.
2603	Server was shut down before polling completed.	This warning message appears if you login sometime after the administrator has shutdown HiCommand Tuning Manager. While polling was in progress. In most cases, data for recent time periods will be automatically collected again during the next polling period. Contact your system administrator for further information.
2605	All the parameters of the selected agents will be changed to the default values of HiCommand Tuning Manager. If any agent parameters have been changed from the defaults, make sure to click OK when you would like to reset all the parameters.	Informational message received when restoring an agent's configuration.
2606	The {0} key will expire in {1} days on {2}.	Information message {0}: Key name ("Temporary" or "Emergency") {1}: Number of remaining days {2}: Expiration date
2608	Are you sure you want to interrupt polling? (Metrics will be incomplete unless/until subsequent polling revisits this data.)	Informational message asking you to confirm polling interruption.
2609	Polling interrupted before completion.	Informational message.

Web Client WARN Messages (web-WARN-xxxx)		
Message Code	**Message**	**Notes**
2610	The license has expired.	See administrator to resolve software license issues.
2611	Polling in progress. Cannot reload list of logical disks.	Try again after polling completes.
2612	Aggregation will not happen if you disable all data retention period.	Ask your administrator to check settings for data retention.
8103	The function *function* on the storage subsystem does not exist.	Aborts processing. Check the storage subsystem functionality.
8104	License Key *license key* is not installed.	Aborts processing. Install *license key* or update the function menu.
8105	The License key *license key* is invalid.	Aborts processing. Validate the license key or update the function menu.

1.2.2 Web Client ERROR Messages

Table 1.17 Web Client ERROR Messages

Web Client ERROR Messages (web-ERROR-xxxx)		
Message Code	**Message**	**Notes**
0001	*error detail*	Execute the `hcmdsgetlogs` command, and contact maintenance personnel. For details, see the *HiCommand Tuning Manager Command Line Interface Guide*.
0101	Please enter a *bookmark-name* | *folder-name*.	Bookmarks and folders require character strings for names. Empty strings are not acceptable.
0102	Duplicate Bookmark Name found.	Bookmark names must be unique.
0103	Please enter a bookmark name less than or equal to 100 bytes.	Bookmark names must be no longer than 100 bytes in your national character set.
0104	Invalid characters entered for Bookmark Name. Only the following characters are allowed:	Error specifies valid characters for this purpose.
0105	Bookmark Folder not empty, cannot be deleted	Delete all bookmarks in the bookmark folder. Then delete the bookmark folder.
0106	Please select a Bookmark Folder to add Bookmark	Specify a bookmark folder before adding a new bookmark.
0107	Please enter a Bookmark Subfolder Name to adding bookmark or remove Bookmark Subfolder selection.	Enter a bookmark subfolder name or remove bookmark subfolder selection.
0108	Invalid characters entered for Bookmark Folder Name. Only the following characters are allowed	Please use only valid characters in bookmark folder name.

Web Client ERROR Messages (web-ERROR-xxxx)		
Message Code	**Message**	**Notes**
0109	The session timed out. No operations were performed during the session. Close the browser, and then try again.	No operations were performed during the session. Close the browser, and then try again. For details, see the section explaining the browser settings in the *HiCommand Tuning Manager User's Guide*.
0110	A resource for the selected bookmark does not exist. If this bookmark is no longer necessary, delete it.	The resource might have been deleted or no longer exists. If this bookmark is no longer necessary, delete it.
0111	A resource for the selected bookmark does not exist. The bookmark of the corresponding resource is now unsupported because HiCommand Tuning Manager was upgraded. If this bookmark is no longer necessary, delete it.	The bookmark of the corresponding resource is now unsupported because HiCommand Tuning Manager was upgraded. If this bookmark is no longer necessary, delete it.
2000	Invalid user id or password.	Try again with a valid user id and password.
2001	You do not have access to the administration page.	Users with user or manager privileges do not have access to the administrator page.
2002	Polling is in progress. Cannot refresh agents.	Try again later.
2003	User not found.	Enter a valid user ID.
2004	User Id already exists. Please choose another User Id	(Standalone mode only) User id must be unique.
2005	Couldn't update the user profile	(Standalone mode only) See your system administrator. This is the result of either of these conditions: ▪ A database error ▪ An administrator's action to remove your profile while you are logged in.
2400	Please enter a valid User Id.	(Standalone mode only) Try again with a valid user id and password. See the *HiCommand Tuning Manager Server Administration Guide* for further information.
2401	Please enter a password.	(Standalone mode only) Try again with a valid user id and password.
2402	Enter automatic disconnect threshold.	Enter a numeric value.
2403	Threshold cannot begin or end with space.	Enter without spaces.
2404	You must enter a number for threshold.	Enter a numeric value.

Web Client ERROR Messages (web-ERROR-xxxx)		
Message Code	**Message**	**Notes**
2405	Automatic disconnect threshold days must be a whole number that is greater than zero.	Enter a numeric value greater than 0.
2406	Automatic disconnect threshold hours must be a whole number between 1 and 24.	Enter a numeric value from 1 to 24.
2407	There is no agent to poll.	There must be at least one agent reporting data.
2408	Enter retry attempts.	Enter a numeric value.
2409	Retry attempts cannot begin or end with space.	Enter a numeric value without spaces.
2410	You must enter a number for retry attempts.	Enter a numeric value.
2411	Enter retry delay.	Enter a numeric value.
2412	Retry delay cannot begin or end with space.	Enter a numeric value without spaces.
2413	You must enter a number for retry delay.	Enter a numeric value.
2414	Max retry attempts must be a whole number that is greater than or equal to zero.	Enter a positive numeric value.
2415	Retry delay minutes must be a whole number between 1 and 60.	Enter a numeric value between 1 and 60.
2416	Retry delay hours must be a whole number between 1 and 24.	Enter a numeric value between 1 and 24.
2417	Please select the agent.	Select the agent to be processed.
2421	Enter hours.	Enter a numeric value between 1 and 60.
2422	Hours cannot begin or end with space.	Enter a numeric value between 1 and 60 without spaces.
2423	You must enter a number for hours.	Enter a numeric value between 1 and 60 without spaces.
2424	Enter days.	Enter a numeric value between 1 and 24.
2425	Days cannot begin or end with a space.	Enter a numeric value between 1 and 24 without spaces.
2426	You must enter a number for days.	Enter a numeric value between 1 and 24 without spaces.
2427	Enter weeks.	Enter a numeric value.
2428	Weeks cannot begin or end with space.	Enter a numeric value without spaces.
2429	You must enter a number for weeks.	Enter a numeric value without spaces.
2430	Enter months.	Enter a numeric value.
2431	Months cannot begin or end with space.	Enter a numeric value without spaces.
2432	You must enter a number for months.	Enter a numeric value without spaces.
2433	Enter quarters.	Enter a numeric value without spaces.
2434	Quarters cannot begin or end with space.	Enter a numeric value without spaces.

Web Client ERROR Messages (web-ERROR-xxxx)		
Message Code	**Message**	**Notes**
2435	You must enter a number for quarters.	Enter a numeric value without spaces.
2436	Enter years.	Enter a numeric value without spaces.
2437	Years cannot begin or end with space.	Enter a numeric value without spaces.
2438	You must enter a number for years.	Enter a numeric value without spaces.
2439	Enter alert retention days.	Enter a numeric value without spaces.
2440	Alert days cannot begin or end with space.	Enter a numeric value without spaces.
2441	You must enter a number for alert days.	Enter a numeric value without spaces.
2443	Hours must be a whole number greater than or equal to 24.	Enter a numeric value greater than or equal to 24.
2444	Days must be a whole number that is either zero or between 31 and 99.	Enter a numeric value that is either zero or between 31 and 99.
2445	Weeks must be a whole number between 0 and 99.	Enter a numeric value between 0 and 99.
2446	Months must be a whole number that is either zero or between 12 and 99.	Enter a numeric value that is either zero or between 12 and 99.
2447	Quarters must be a whole number between 0 and 99.	Enter a numeric value between 0 and 99.
2448	Years must be a whole number between 0 and 99.	Enter a numeric value between 0 and 99.
2449	Alert days must be a whole number greater than zero.	Enter a numeric value greater than zero.
2450	Enter User Id.	Enter User Id.
2451	User Id cannot begin or end with space.	Enter User Id without spaces.
2452	Invalid characters in User Id. Only the following characters are allowed.	Enter using only the listed characters.
2453	Enter password.	Enter password.
2454	Password cannot begin or end with space.	Enter password without spaces.
2455	Invalid characters in Password. Only the following characters are allowed:	Enter password using only the listed characters.
2456	Password and Confirm Password do not match. Please correct these fields and try again.	Enter the password again in both fields.
2457	Enter First Name.	Enter First Name.
2458	First Name cannot begin or end with space.	Enter First Name without spaces.
2459	Invalid characters in First Name. Only the following characters are allowed:	Enter using only the listed characters.
2460	Enter Last Name.	Enter Last Name.
2461	Last Name cannot begin or end with space.	Enter Last Name without spaces.

Web Client ERROR Messages (web-ERROR-xxxx)		
Message Code	**Message**	**Notes**
2462	Invalid characters in Last Name. Only the following characters are allowed.	Enter using only the listed characters.
2463	Enter Email address.	Enter Email address.
2464	Email cannot begin or end with space.	Enter Email address without spaces.
2465	Invalid characters in Email. Only the following characters are allowed:	Enter using only the listed characters.
2466	Enter display name.	Enter display name.
2467	Display name cannot begin or end with space.	Enter display name without leading or trailing spaces.
2468	Enter Filesystem over capacity percentage.	Enter a numeric value.
2469	Filesystem over capacity percentage cannot begin or end with space.	Enter a numeric value without leading or trailing spaces.
2470	Please enter a number for Filesystem over capacity percentage.	Enter a numeric value.
2471	Filesystem over capacity percentage must be greater than or equal to 0 and less than or equal to 100.	Enter a numeric value >= 0 or <= 100.
2472	When using decimals, please enter no more than two numbers after the decimal point for Filesystem over capacity.	Enter a value with no more than 2 decimal places.
2473	Enter year.	Enter year.
2474	Year cannot begin or end with space.	Enter year without leading or trailing spaces.
2475	You must enter a number for year.	Enter year without leading or trailing spaces.
2476	Invalid date. The year you entered does not have Feb 29. Change the date.	Enter a valid date.
2477	Problem processing your request. Try again later or contact the server administrator.	Collect the maintenance information, and then contact the service desk.
2478	Could not save your profile.	Collect the maintenance information, and then contact the service desk.
2479	Could not save the display name.	Collect the maintenance information, and then contact the service desk.
2480	Could not save agent polling information.	Collect the maintenance information, and then contact the service desk.
2481	Could not save Connect/Disconnect policy information.	Collect the maintenance information, and then contact the service desk.
2482	Could not save metric data retention period.	Collect the maintenance information, and then contact the service desk.

Web Client ERROR Messages (web-ERROR-xxxx)		
Message Code	**Message**	**Notes**
2483	Could not save threshold.	Collect the maintenance information, and then contact the service desk.
2484	Could not save viewpoint.	Collect the maintenance information, and then contact the service desk.
2485	Viewpoint date must be less than or equal to current date and time.	Viewpoint cannot be placed in the future.
2486	Could not delete the user information.	Collect the maintenance information, and then contact the service desk.
2487	No records found for this resource.	Collect the maintenance information, and then contact the service desk.
2488	Could not save Device Manager setting.	Collect the maintenance information, and then contact the service desk.
2489	Enter Device Manager URL.	Provide a valid URL.
2490	Device Manager URL cannot begin or end with space.	Provide a valid URL without leading or trailing spaces.
2491	Invalid characters in Device Manager URL. Only the following characters are allowed:	Re-enter the information using only the specified characters.
2492	Enter Port Number.	Enter a numeric value for a valid port.
2493	Port Number cannot begin or end with space.	Enter a numeric value for a valid port without leading or trailing spaces.
2494	You must enter a number for Port Number.	Enter a numeric value for a valid port.
2495	Device Manager URL has not been set.	Your HiCommand Tuning Manager Administrator must enter a valid URL to the Device Manager server.
2496	User Id must begin with one of the following characters:	Re-enter the information using only the specified characters.
2497	First Name must begin with one of the following characters:	Re-enter the information using only the specified characters.
2498	Last Name must begin with one of the following characters:	Re-enter the information using only the specified characters.
2499	Email must begin with one of the following characters:	Re-enter the information using only the specified characters.
2502	Filesystem over capacity must begin with one of the following characters:	Re-enter the information using only the specified characters.
2503	Device Manager URL must begin with:	Re-enter with specified characters.
2504	Invalid Email format.	Please re-enter a complete email address with only valid characters.
2505	Invalid characters in Subnet Name. Only the following characters are allowed.	Re-enter the data using only the specified characters.
2506	Please enter a valid Year between the years of 1970 and *current-year*	Re-enter the data using only within the specified year range.

Web Client ERROR Messages (web-ERROR-xxxx)		
Message Code	**Message**	**Notes**
2507	Enter backdate offset	Re-enter the data.
2508	Backdate offset cannot begin or end with space	Re-enter the data without spaces.
2509	You must enter a number for backdate offset.	Re-enter the data using a numeric value.
2510	Backdate offset must be a whole number between 1 and 999.	Re-enter the data using only within the specified range.
2511	Automatic disconnect threshold can be changed only when Disconnect Agents set to Automatic.	Change agent disconnection policy to automatic.
2512	Please select a logical disk.	Specify a logical disk.
2513	You must select at least one aggregation time.	Check at least one checkbox.
2514	You must select the corresponding polling time first.	You must select a corresponding polling time before specifying an aggregation time.
2515	Polling is in progress. Cannot change agent configuration.	Wait until polling completes to change an agent's configuration.
2701	Leading or Trailing spaces not allowed for *InputField*.	Re-enter the data without trailing and leading spaces.
2702	Weeks, Months, Quarters and Years must be zero since Days set to zero.	Change the Metric Data Retention values for Weeks, Months, Quarters and Years to zero.
2703	Quarters and Years must be zero since Months set to zero.	Change the Metric Data Retention values for Quarters and Years to zero.
2704	Enter data gather threshold	Enter a value for the threshold.
2705	Data gather threshold cannot begin or end with space.	Re-enter the value without spaces.
2706	You must enter a number for data gathering threshold	Enter a value for the threshold.
2707	Data gather threshold must be a whole number between 2 and 99.	Re-enter a value within the correct range.
2708	Enter polling time threshold	Enter a value for the threshold.
2709	Polling time threshold cannot begin or end with space.	Re-enter the value without spaces.
2710	You must enter a number for polling time threshold	Enter a value for the threshold.
2711	Polling time threshold must be a whole number between 1 and 99.	Re-enter a value within the correct range.
2712	Enter Email Host	Enter a value for Email Host.
2713	Email Host cannot begin or end with space.	Re-enter the Email Host value without leading or trailing spaces.

Web Client ERROR Messages (web-ERROR-xxxx)		
Message Code	**Message**	**Notes**
2714	Invalid characters in Email Host. Only the following characters are allowed.	Re-enter the Email Host value using valid characters.
2715	Email Host must begin with one of the following characters.	Re-enter the Email Host with the correct characters.
2716	Enter Email To	Enter a value for Email To.
2717	Email To cannot begin or end with space.	Re-enter the Email To value without leading or trailing spaces.
2718	Invalid characters in Email To. Only the following characters are allowed.	Re-enter the Email To value using valid characters.
2719	Email To must begin with one of the following characters.	Re-enter the Email To value using valid characters.
2720	You must enter a valid email format for Email To	Re-enter the Email To value with a valid email format (recipient@email-servername).
2721	Could not save Polling Status configuration information.	Collect maintenance information and contact service desk.
2722	Enter SMTP username	Enter a value for the SMTP Username
2723	SMTP username cannot begin or end with space.	Re-enter the SMTP Username without leading or trailing spaces.
2724	Invalid characters in SMTP username. Only the following characters are allowed.	Re-enter the SMTP Username value using valid characters.
2725	SMTP username must begin with one of the following characters.	Re-enter the SMTP Username value using valid characters.
2726	Enter SMTP password	Enter a value for the SMTP Password.
2727	SMTP password cannot begin or end with space.	Re-enter the SMTP Password without leading or trailing spaces.
2728	Invalid characters in SMTP password. Only the following characters are allowed.	Check manual for correct field values.
2729	SMTP password must begin with one of the following characters.	Re-enter password with the valid characters.
2730	The Email Host entered, *Email-host-value*, could not be reached. Cannot save Polling Status configuration information	▪ Check whether the specified setting for Email Host is correct. ▪ Determine if the email host and its network connection are currently running.
3000	Unable to remove agent *agent-name* from Collection Manager.	Collect maintenance information, and contact service desk.
3001	Unable to remove agent: Please make sure that the agent has been stopped.	This error message is displayed in the Available Agents page, when you have attempted to remove an agent and that agent is still running. Please contact your system administrator to have the agent stopped.

Web Client ERROR Messages (web-ERROR-xxxx)		
Message Code	**Message**	**Notes**
3002	Collection Manager is not running.	Tuning Manager cannot collect data or interact with agents when the Collection Manager is not running. This requires restarting HiCommand Tuning Manager. Contact your system administrator for resolution.
3003	Unable to set default configuration for Agent *Agent-identifier*	Collect maintenance information, and contact service desk.
3004	Collection Manager not found.	Collect maintenance information, and contact service desk.
3005	Cannot connect the following agents due to configuration error : *error-type*	Collect maintenance information, and contact service desk.
3007	One or more application files are corrupt.	Notify the maintenance personnel.
3008	The license has expired.	The time period for Trial mode or Emergency mode has expired. Register the permanent license key.
3009	Enter a license key or a license key file.	Information message
3010	Cannot change configuration for the following agents: *agent-name-list*	The agent you are trying to restore configuration for is down.
3011	Unable to start Performance Reporter services.	See the *HiCommand Tuning Manager Server Administration Guide*.
3012	Invalid license file or key.	The license key or file you entered is not valid. Check to make sure that you entered the license key accurately or that you selected the correct license key file to enter.
3013	This license key file is invalid.	Information message
3014	The required license key is missing from the license key file. This license key file may be for a different product.	Information message
3015	The license key file that was entered could not be found.	Information message
3017	Specified IP address or host name is invalid.	An error message is displayed. Enter a valid IP address/host name to register applications on Storage Navigator.
3021	Enter IP address/host name, user id and password.	An error message pops up. Enter a valid IP address/host name, user ID, and user password to register applications on Storage Navigator.
3023	Enter IP address/host name and user id.	Outputs the error message. Check the information registered on Storage Navigator.

Web Client ERROR Messages (web-ERROR-xxxx)		
Message Code	**Message**	**Notes**
3024	This license key is invalid or has already been registered.	Information message
3025	This license key is either invalid or may be for another product.	Information message
3026	The temporary license has expired. Enter a product license key or a product license key file.	Information message
3027	The emergency license has expired. Enter a product license key or a product license key file.	Information message
3028	This license key file is invalid or has already been registered.	Information message
4000	Retention Period should contain only numbers.	The Retention Period entry is not valid. For details, see the *HiCommand Tuning Manager Server Administration Guide*. Enter a correct value.
4001	Retention Period should range from 1-99.	The Retention Period entry is not valid. For details, see the *HiCommand Tuning Manager Server Administration Guide*. Enter a correct value.
4002	Storage Navigator is not a valid application.	Select an application other than Storage Navigator.
8101	A communication error occurred. Check the network connection.	Aborts processing. Check the network connection.
8102	The user ID *user-ID* or password is invalid.	Aborts processing. Enter the user ID and password of a valid Storage Navigator user.
8103	A user with the same user ID *user-ID* is already logged in.	Aborts processing. The specified user must log out to set or launch Storage Navigator.
8104	An error occurred during processing on the storage subsystem (Part Code = *part-code* Error Number = *error-number*).For details, see the manual for Storage Navigator Error Codes.	Aborts processing. Check the Part Code and Error Number, and then refer to the manual for Storage Navigator Error Codes.
8105	The specified user *user-ID* is a partitioned storage administrator.	Aborts processing. Specify the storage administrator as the user.
8106	A communication error occurred. Check the destination address and network connections.	Aborts processing. Check the destination address and network connection.
8108	The selected product type is different to the product type of the storage subsystem at the specified destination address. Check the product type and destination address.	Aborts processing. Check the product type and destination address again.
8109	The selected serial number is different to the storage subsystem serial number of the specified destination address. Check the serial number and destination address.	Aborts processing. Check the serial number and destination address again.

1.2.3 Web Client FATAL Messages

Table 1.18 Web Client FATAL Messages (web-FATAL-xxxx)

Web Client FATAL Messages (web-FATAL-xxxx)		
Message Code	**Message**	**Notes**
0101	System error occurred : *message* check system log	See your system administrator.
0102	Cannot continue due to lack of database access. Please contact your system administrator to restart the database.	Contact the system administrator to restart the database.
0103	Unable to authenticate.	This message is displayed when InterBase is stopped while Tuning Manager and Device Manager are both in single sign-on mode.
0500	Unexpected exception raised in *module*	See your system administrator.
8101	An unexpected error occurred. Contact the HTM server administrator.	Aborts processing. Contact the HTM server administrator.

1.2.4 Reports WARN Messages

Table 1.19 Advanced Information Reports WARN Messages

Advanced Information Reports (rpt-WARN-xxxx)		
Message Code	**Message**	**Notes**
1001	Graph not displayed due to large number of resources.	The number of resources that can be displayed in a graph is 25. Select fewer resources and recreate the graph.

1.2.5 Reports ERROR Messages

Table 1.20 Advanced Information Reports ERROR Messages

Advanced Information Reports (rpt-ERROR-xxxx)		
Message Code	**Message**	**Notes**
0002	Unable to process your request, due to an unknown error. Please try again.	Collect the maintenance information, and then contact the service desk.
0003	Empty report: No data was found for this report/Viewpoint/resource level.	Collect the maintenance information, and then contact the service desk.
0004	Failed to save the report due to unexpected error. Please try again.	Collect the maintenance information, and then contact the service desk.
0005	No name was specified.	Please specify a name for this report.
0015	Please enter value (> 2) for History 'Last Records'.	Re-enter with a valid input value.

Advanced Information Reports (rpt-ERROR-xxxx)		
Message Code	**Message**	**Notes**
0016	Please enter value (> 0) for Forecast 'Next Records'.	Re-enter with a valid input value.
0022	No Subresources have been found for this report/viewpoint/resource level.	Collect the maintenance information, and then contact the service desk.
0023	No Resources have been found for this report/viewpoint/resource level.	Collect the maintenance information, and then contact the service desk.
0025	Enter History records.	This field is required. Do not leave empty.
0026	History records cannot begin or end with space.	Remove spaces from beginning and end.
0027	You must enter a number for History records.	This field is required. Do not leave empty.
0028	History records must be a whole number greater than 2.	Do not enter values less than 3.
0029	Enter Forecast records.	This field is required. Do not leave empty.
0030	Forecast records cannot begin or end with space.	Remove spaces from beginning and end.
0031	You must enter a number for Forecast records.	This field is required. Do not leave empty.
0032	Forecast records must be a whole number greater than 0.	Enter an integer value greater or equal to 1.
1001	Invalid characters in Report Name. Only the following characters are allowed:	Re-enter the report name using valid characters.
1002	The date ranges specified contained more than 99 intervals. Please enter a date between *DisplayedFromDate* and *DisplayedToDate*.	Reports are limited to a maximum of 99 data points. Specify a closer range of beginning and end values.
1003	The from date specified, **FromDate**, is in the future.	Supply a date available in the HiCommand Tuning Manager database.
1004	The to date specified, **ToDate**, is in the future.	Supply a date available in the HiCommand Tuning Manager database.
1005	The From Date is after the To Date.	Enter the earlier date in the From field; the later date in the To field.
1006	None of the saved resources are valid for this report.	This error occurs if a report has been saved for a resource, which has subsequently been removed from the system. If the resource returns to the network in the future, this error will not appear.
1007	Report names cannot begin or end with a space character.	Remove spaces from beginning and end.
1008	The absolute start date specified, **StartDate**, is in the future.	Enter a date before today.

Advanced Information Reports (rpt-ERROR-xxxx)		
Message Code	**Message**	**Notes**
1009	The number of history records can not go before *number-of-records*. The maximum records you may specify is *maximum-records*.	Re-enter using a valid input value.
2473	Enter a From year.	This field is required. Do not leave empty.
2474	From year cannot start with a space.	Remove spaces from beginning and end.
2475	You must enter a number for From year.	This field is required. Do not leave empty.
2476	The From year must be between 1970 and the current year.	Do not enter years before 1970.
2477	Enter a To year.	This field is required. Do not leave empty.
2478	To Year cannot start with a space.	Remove spaces from beginning and end.
2479	You must enter a number for To year.	This field is required. Do not leave empty.
2480	The To year must be between 1970 and the current year.	Do not enter years before 1970.
2489	Please enter value > 0 for History Last Records.	Zero values are not valid in this field.
2490	Last Records cannot start with a space.	Remove spaces from beginning and end.
2491	You must enter a number for Last Records.	This field is required. Do not leave empty.
2492	Please enter a value > 0 for History Last Records.	Zero values are not valid in this field.
2493	Enter a year.	Enter a value in the Year field.
2494	Year cannot begin or end with space.	Enter a year without leading and trailing spaces.
2495	You must enter a number for year	Enter a numeric year value without leading and trailing spaces.
2496	The year must be between 1970 and the current year.	Enter a year value between 1970 and the current year.
2600	Graphics Not Initialized. Cannot Display Chart.	Contact your system administrator.

1.2.6 Alerts ERROR Messages

Table 1.21 Alerts ERROR Messages

Alerts (alerts-ERROR-xxxx)		
Message Code	**Message**	**Notes**
0101	Alert Action is currently in use, cannot be deleted : *action*	Informational message. No user action required.
0102	Concurrent update was made for this record, please redo operation.	Informational message. No user action required.

Alerts (alerts-ERROR-xxxx)		
Message Code	**Message**	**Notes**
0103	Please choose at least one task to execute.	Informational message. No user action required.
0104	No parameters entered for chosen Task.	Informational message. No user action required.
0105	Action has been bound, cannot change Data Category.	Informational message. No user action required.
0106	One of the parameters is empty.	Specify values for all parameters.
0107	Please enter an Action Name.	Enter an action name.
0108	Alert Definition is currently bound, cannot be deleted : *action*	Informational message. No user action required.
0109	Please enter an Alert Definition Name.	Enter an alert definition.
0110	Please select Watch From time.	Enter a valid time for the watch from field.
0111	Please enter valid Occurrence(s) or Interval value with Damping Enabled.	Enter valid value.
0112	Alert Definition has been bound, cannot change Resource Category.	Informational message. No user action required.
0113	Please select a Resource Category.	Select a resource category.
0114	Alert Definition has been bound, cannot change Data Category.	Informational message. No user action required.
0115	Please select a Data Category.	Select a data category.
0116	Please select a Metric.	Select a metric.
0117	Please make a selection for Operator.	Select an operator.
0118	Please enter a valid value for Alert Threshold.	Enter a valid value for alert threshold.
0119	Please enter a number for Warning, Critical or both.	Enter a number for warning, critical or both.
0120	Please select one Alert Definition.	Select one alert definition.
0121	Please enter a number greater than 0 for Threshold.	Enter a non-zero numeric value.
0122	Please enter a number between 0 and 100 for Threshold.	Enter a value up to 100.
0123	Please enter a whole number greater than 0 for Occurrence(s).	Enter a nonzero value.
0124	Please enter a whole number greater that 0 for Intervals.	Enter a nonzero whole number.
0125	Number of Occurrence(s) cannot exceed number of Intervals.	Make sure occurrences < intervals.
0126	Watch To time cannot be before the Watch From time.	Watch to time must be later than watch from time.
0127	The Email Host entered, *Email-hostname*, could not be reached.	Email host is either incorrectly specified or the email service is currently offline.

Alerts (alerts-ERROR-xxxx)		
Message Code	**Message**	**Notes**
0128	Please enter a valid Email Address: *Email-address*	Enter a valid email address.
0129	The SNMP Destination entered, *SNMP-destination*, could not be reached.	Either the SNMP host is offline or the destination was incorrectly specified.
0130	Please enter a command.	Enter a command.
0131	Please enter a number between 0 and 100 for Warning.	Enter a numeric value from 0 to 100.
0132	Please enter a number between 0 and 100 for Critical.	Enter a numeric value from 0 to 100.
0133	Please enter a number greater than 0 for Warning.	Enter a numeric value from 0 to 100.
0134	Please enter a number greater than 0 for Critical.	Enter a numeric value from 0 to 100.
0135	Please select a Bind Type.	Specify a bind type.
0136	Please select at least one of the following: OK, Warning, Critical.	Select at least one option.
0137	Please select Watch To time.	Specify the Watch To time.
0138	Duplicate Action Name found.	Action names must be unique.
0139	Duplicate Alert Definition Name found.	Action definition names must be unique.
0140	Operation not defined: *user-input*	Specify a valid operation.
0141	Please enter a number with two or less decimal places for Threshold.	If a decimal value is specified it must have no more than two decimal places.
0142	Please enter a number with two or less decimal places for Warning.	If a decimal value is specified it must have no more than two decimal places.
0143	Please enter a number with two or less decimal places for Critical.	If a decimal value is specified it must have no more than two decimal places.
0144	Invalid characters entered for Alert Definition Name. Only the following characters are allowed:	Enter valid characters as specified.
0145	Invalid characters entered for Action Name. Only the following characters are allowed:	Enter valid characters as specified.
0147	Invalid characters entered for Email Host. Only the following characters are allowed:	Enter valid characters as specified.
0148	Invalid characters entered for Email To. Only the following characters are allowed:	Enter valid characters as specified.
0149	Invalid characters entered for Email Message. Only the following characters are allowed:	Enter valid characters as specified.
0150	Invalid characters entered for SNMP Destination. Only the following characters are allowed:	Enter valid characters as specified.

Alerts (alerts-ERROR-xxxx)		
Message Code	**Message**	**Notes**
0151	Invalid characters entered for SNMP Community. Only the following characters are allowed:	Enter valid characters as specified.
0152	Invalid characters entered for SNMP Message. Only the following characters are allowed:	Enter valid characters as specified.
0153	Invalid characters entered for Command. Only the following characters are allowed:	Enter valid characters as specified.
0154	Invalid characters entered for Parameters. Only the following characters are allowed:	Enter valid characters as specified.
0155	Invalid characters entered for Warning. Only the following characters are allowed:	Enter valid characters as specified.
0156	Invalid characters entered for Critical. Only the following characters are allowed:	Enter valid characters as specified.
0157	Please enter a log message: *message*	Specify a message to appear in the log.
0160	Bind is not valid at current time instance, cannot be edited	Collect maintenance information, and contact service desk.
0161	Please enter a valid number for Warning.	Enter a valid integer numeric value greater than zero.
0162	Please enter a valid number for Critical.	Enter a valid integer numeric value greater than zero.
0163	Please enter a valid number for Threshold.	Enter a valid integer numeric value greater than zero.
0164	Please enter a whole number greater than 0 for Warning.	Enter a valid integer numeric value greater than zero.
0165	Please enter a whole number greater that 0 for Critical.	Enter a valid integer numeric value greater than zero.
0166	Please enter a whole number greater that 0 for Threshold.	Enter a valid integer numeric value greater than zero.
0200	Leading or Trailing spaces not allowed for *invalid-text*	Do not enter the text with leading or trailing spaces.
0250	Damping can only be enabled with **Always Evaluated** option.	If you are invoking the damping functionality, you must check **Always Evaluated**.
0301	Please enter a valid number for Alert Test Condition Value	Re-enter with a valid input value.
0302	Please enter a whole number greater that 0 for Alert Test Condition Value	Re-enter with a valid input value.
0303	Please enter a number between 0 and 100 for Alert Test Condition Value	Re-enter with a valid input value.
0304	Please enter a number greater than 0 for Alert Test Condition Value	Re-enter with a valid input value.

Alerts (alerts-ERROR-xxxx)		
Message Code	**Message**	**Notes**
0305	Please enter a number with two or less decimal places for Alert Test Condition Value	Re-enter with a valid input value.
0500	Unexpected exception raised in *originating-code-unit further-exception-information*	Contact your system administrator to report this error.
0601	Invalid characters entered for Email Username. Only the following characters are allowed	Re-enter the Email Username, using valid characters.
0602	Invalid characters entered for Email Password. Only the following characters are allowed	Re-enter the Email Password, using valid characters.
0603	Invalid characters entered for Log Message. Only the following characters are allowed	Re-enter the Log Message, using valid characters.
0604	Please enter both a valid username and a valid password for SMTP Authentication	You must provide a valid username and password to use SMTP Authentication.
0605	SMTP Authentication failed for user *username* on SMTP Host *hostname*, cannot send Email	Verify that you entered a valid SMTP hostname and username. Contact your system administrator for further resolution if the correct information was entered.

1.3 Command Line Interface Messages

This section explains error messages output by CLI programs.

1.3.1 Command Line Interface Warning Messages

Table 1.22 Command Line Interface WARN Messages

(cli-WARN-xxxx)		
Message Code	**Message**	**Notes**
1001	The {0} key will expire in {1} days on {2}.	Information message {0}: Key name ("Temporary" or "Emergency") {1}: Number of remaining days {2}: Expiration date

1.3.2 Command Line Interface Error Messages

Table 1.23 Command Line Interface ERROR Messages

(cli-ERROR-xxxx)		
Message Code	**Message**	**Notes**
0001	*String*: Message format string not found *FormatString*	Contact your system administrator to report this error.
0002	Logger not found: *identifier*	Contact your system administrator to report this error.
0500	Unexpected exception raised in *originating-code-unit further-exception-information*	Contact your system administrator to report this error.
1000	Could not connect to the server. Server may be down.	Contact your system administrator to report this error.
1001	`--date` option requires a date.	Value was not supplied for the parameter or the value was not submitted in the required format (YYYY/MM/DD/hh/mm).
1002	`--user` requires a use ID.	user ID should be mentioned on command line.
1003	`--password` requires a password.	Value was not supplied for the parameter.
1004	`--period` requires a periodicity `--period` is missing a value. Please supply a valid period type.	Value was not supplied for the parameter.
1005	`--port` requires a port number.	Value was not supplied for the parameter.

(cli-ERROR-xxxx)		
Message Code	**Message**	**Notes**
1006	`--locale` requires a locale	Value was not supplied for the parameter.
1007	Performance metrics not supported for filesystems.	Do not request performance metrics for filesystems.
1008	You must choose either `--capacity` or `--performance`.	It is required that you specify one of these two parameters.
1009	You must specify a user.	Login is required to execute command.
1010	You must specify a password.	Login is required to execute command.

1011	The period type you specified, *PeriodType*, is not valid.	Valid period types are:
		`YEARLY`
		`QUARTERLY`
		`MONTHLY`
		`WEEKLY`
		`DAILY`
		`HOURLY`

1012	The user specified, *userid*, is either not valid or you are not logged into the HTM system.	Be sure you are still logged in to Tuning Manager.
1013	The report id that you specified, *reportID*, is not a valid report	Internal error. Please have your system administrator contact support with the specific error and supply log file if possible.
1014	The resource ID that you specified, *ResourceID*, is not a valid resource.	Internal error. Please have your system administrator contact support with the specific error and supply log file if possible.
1015	The ReportData returned by the ReportEngine was null, *StackTrace*.	Internal error. Please have your system administrator contact support with the specific error and supply log file if possible.
1016	The resource id that was used, *resourceID*, is not of the type required, *ResourceType*, for this command.	Use the correct resource type for the command.
1017	This command requires a resource ID. Please supply one on the command line.	Specify a resource ID. Use the correct resource type for the command.
1018	No data was found for this report/Viewpoint/resource level.	No user action required.
1019	Exception raised in CLIAction.java *StackTrace*.	Internal error. Please have your system administrator contact support with the specific error and supply log file if possible.
1020	Login name or password not specified.	Login is required to execute command.
1021	Invalid password for user, *userid*.	Specify the correct password.

(cli-ERROR-xxxx)		
Message Code	**Message**	**Notes**
1022	--date requires a date in the format *YYYY/MM/DD/hh/mm*, *user-parameter* is not a valid format.	Error occurs when: ▪ You specify period as `HOURLY` or ▪ No specific period is specified AND date format is not equal to *YYYY/MM/DD/hh/mm* Re-enter with required parameters and correct datetime format.
1023	The date specified, *date*, is in the future or your format may be incorrect.	Enter the correct date format.
1024	Could not execute this command because of unknown parameter *unknown-parameter*.	Use the -h parameter with the command to check its usage.
1025	The user ID specified for %s does not contain valid characters.	Correct user ID should be mentioned on command line.
1026	The password specified, p*assword-input*, does not contain valid characters.	Only use alphanumerics, underscores, and hyphens.
1027	`--date` requires a date in the format *YYYY/MM/DD*, d*ate-input* is not a valid format.	Occurs when period is specified as `DAILY` or `WEEKLY` AND date format is not equal to *YYYY/MM/DD*. Re-enter with required parameters and correct datetime format.
1028	`--date` requires a date in the format *YYYY/MM*, d*ate-input* is not a valid format.	Occurs when period is specified as period `MONTHLY` or `QUARTERLY` and the date format is not equal to *YYYY/MM*. Re-enter with required parameters and correct datetime format.
1029	`--date` requires a date in the format *YYYY*, d*ate-input* is not a valid format.	Occurs when period is specified as `YEARLY` and the date format is not equal to *YYYY*. Re-enter with required parameters and correct datetime format.
1030	The resource ID that you specified, *resourceID*, did not have a resource prefix. Please add a prefix and try again.	Submit command using a valid resource prefix. For details, see the *HiCommand Tuning Manager Command Line Interface Guide*.
1031	The `--capacity` option is not valid with this command and server configuration.	▪ Some configurations of HiCommand Tuning Manager lack capacity analysis features. ▪ Some resources are only monitored for Performance metrics. For details, see the *HiCommand Tuning Manager Command Line Interface Guide*.
1032	The license has expired	Your HiCommand Tuning Manager Administrator must submit a valid registration key in the web client.
1033	One or more application files are corrupt.	Notify the maintenance personnel.

(cli-ERROR-xxxx)		
Message Code	**Message**	**Notes**
1034	htm-filesystems is not a valid command with the current server configuration	Your system is not currently configured for filesystems.
1036	Enter a license key or a license key file.	Information message
1037	The period specified, `--period`, is currently disabled. Choose period from the following: `--enable period`	Data retention is disabled for the specified period.
1038	The resource ID specified for %s is not a valid resource for this command	Correct resource ID should be mentioned on command line.
1039	The temporary license has expired. Enter a product license key or a product license key file.	Information message
1040	The emergency license has expired. Enter a product license key or a product license key file.	Information message
2001	Tuning Manager is not installed.	Install and set up Tuning Manager supported version correctly. #1
2003	Could not execute this command because of unknown parameter.	Use the -h parameter with the command to check its usage.
2201	Tuning Manager is running.	Stop Tuning Manager, and then re-execute.
2202	The database is not running.	Run database, and then re-execute.
2301	The installed Tuning Manager version is not supported.	Use a command that corresponds to the installed Tuning Manager version.
2303	Could not execute this command because the value specified for -dir option is illegal.	After setting an appropriate value for -dir option, execute the command.
2304	The backup of database failed.	Collect maintenance information, and then contact customer support.
2305	The reclaim of database failed.	Collect maintenance information, and then contact customer support.

#1

The command is not supported by version 03-50 and earlier versions of Tuning Manager. Upgrade to version 04-00-00 or later.

1.3.3 Command Line Interface Fatal Messages

Table 1.24 Command Line Interface FATAL Messages

(cli-FATAL-xxxx)		
Message Code	**Message**	**Notes**
500	Unexpected exception raised in *module* . *ErrorString*	Report error to your Administrator.
2301	A connection to the database could not be established.	Collect maintenance information

(cli-FATAL-xxxx)		
Message Code	**Message**	**Notes**
2302	The database environment is incorrect.	Collect maintenance information
2501	An attempt to initialize a command failed.	Collect maintenance information
2503	The process was interrupted during the internal command execution.	Collect maintenance information
2504	Unexpected SQL exception raised. Str. #1	Collect maintenance information
2505	Unexpected exception raised.	Collect maintenance information

#1

The return value from the database is output for *Str*.

Chapter 2 Error Messages from HiCommand Suite Common Component

This chapter lists and describes the error messages output by HiCommand Suite Common Component and HiRDB.

- Error Messages Output by HiCommand Suite Common Component (see section 2.1)
- Error Messages Output by HiRDB (see section 2.2)

2.1 Error Messages Output by HiCommand Suite Common Component

This section lists and describes the error messages output by HiCommand Suite Common Component. An error message from HiCommand Suite Common Component consists of a message ID and the message text (error message text). The format is as follows:

- Format:

  KAPM*mmmmm*-*z message-text* (see Table 2.1)

  KDJE*mmmmm*-*z message-text* (see Table 2.2)

  KEHG*mmmmm*-*z message-text* (see Table 2.3)

  mmmmm is a message number, and *z* is one of the following message levels:

  - I: information
  - W: warning
  - E: error

- Output destination:

  Output level 0

  The error message is output to syslog or the event log, integrated trace, and original log trace.

  Output level 10

  The error message is output to the original log trace.

  Some of the error messages might be output to the integrated log trace for UNIX®.

  Table 2.1, Table 2.2, and Table 2.3 list the HiCommand Suite Common Component error messages, and provides recommended actions for resolving the error conditions. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.

Table 2.1 HiCommand Suite Common Component Messages (KAPMxxxxx)

Error Code	Error Message	Description and Action
KAPM00001-E	ID=*aa...aa*,LogTraceLibrary error. Trace START failed. *bb...bb* *aa...aa*: ID of the program using the log *bb...bb*: Error message output by the log trace library when the system failed to start the trace Output destinations: syslog/Eventlog	An attempt to start the log trace has failed. Collect maintenance information, and then contact the Support Center.
KAPM00002-E	ID=*aa...aa*,LogtraceLibrary error. Trace STOP failed. *bb...bb* *aa...aa*: ID of the program using the log *bb...bb*: Error message output by the log trace library when the system failed to stop the trace Output destinations: syslog/Eventlog	

Error Code	Error Message	Description and Action
KAPM00003-W	ID=*aa...aa*,Trace output error. *aa...aa*: ID of the program using the log Output destinations: syslog/Eventlog	An attempt to output the log trace has failed. Check whether the log file is read only.
KAPM00004-W	ID=*aa...aa*,Integrated trace output error. *aa...aa*: ID of the program using the log Output destinations: syslog/Eventlog	An attempt to output an integrated log trace has failed. Check whether the Hitachi Network Objectplaza Trace Monitor 2 service is running.
KAPM00005-E	File I/O failed.(filename=*aa...aa*). *aa...aa*: Name of the version file Output destinations: syslog/Eventlog	An attempt to create a version file has failed. Check whether the version file specified for *aa...aa* can be written.
KAPM00006-E	ID=*aa...aa*,Invalid eventlog source. Eventlog's config not found in the registry(source name="HiCommand Log") *aa...aa*: ID of the program using the log Output destinations: syslog/Eventlog	The registry for Eventlog was not found. Collect maintenance information, and then contact the Support Center.
KAPM00011-E	ID=*aa...aa*,Versionfile name is null. *aa...aa*: ID of the program using the log Output destinations: syslog/Eventlog	The version file name has not been specified. Collect maintenance information, and then contact the Support Center.
KAPM00012-E	ID=*aa...aa*,PP version is null. *aa...aa*: ID of the program using the log Output destinations: syslog/Eventlog	The version of each PP has not been specified. Collect maintenance information, and then contact the Support Center.
KAPM00013-E	ID=*aa...aa*,Trace log file name is null. *aa...aa*: ID of the program using the log Output destinations: syslog/Eventlog	The name of the individual log trace has not been specified. Collect maintenance information, and then contact the Support Center.
KAPM00014-E	ID=*aa...aa*,Class name is null. *aa...aa*: ID of the program using the log Output destinations: syslog/Eventlog	The class name of the program to be used to output the log has not been specified. Collect maintenance information, and then contact the Support Center.
KAPM00015-E	ID=*aa...aa*,Kind of Event is null. *aa...aa*: ID of the program using the log Output destinations: syslog/Eventlog	The value that indicates the type of message event for output has not been specified. Collect maintenance information, and then contact the Support Center.
KAPM00016-E	ID=*aa...aa*,Message-ID is null. *aa...aa*: ID of the program using the log Output destinations: syslog/Eventlog	The message ID for the message to be output has not been specified. Collect maintenance information, and then contact the Support Center.
KAPM00017-E	*aa...aa* *aa...aa*: NullPointerException message Output destinations: syslog/Eventlog	A NullPointerException occurred in LogTraceManager. Collect maintenance information, and then contact the Support Center.
KAPM00018-E	*aa...aa* *aa...aa*: Exception message Output destinations: syslog/Eventlog	An unexpected exception occurred in LogTraceManager. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM00019-E	ID=*aa...aa*,SyslogID size error:idEnt=*bb...bb* *aa...aa*: ID of the program using the log *bb...bb*: Eventlog ID Output destinations: syslog/Eventlog	The ID (*bb...bb*) length attached to Eventlog is too long. Collect maintenance information, and then contact the Support Center.
KAPM00020-E	ID=*aa...aa*,Invalid version length:version=*bb...bb* *aa...aa*: ID of the program using the log *bb...bb*: Version character string Output destinations: syslog/Eventlog	The version character string is too long. Collect maintenance information, and then contact the Support Center.
KAPM00021-E	ID=*aa...aa*,Invalid log file number:logNum=*bb...bb* *aa...aa*: ID of the program using the log *bb...bb*: Number of individual log trace files Output destinations: syslog/Eventlog	The number of individual log trace files is invalid. Collect maintenance information, and then contact the Support Center.
KAPM00022-E	ID=*aa...aa*,Invalid log file size:logSize=*bb...bb* *aa...aa*: ID of the program using the log *bb...bb*: File size of the individual log trace Output destinations: syslog/Eventlog	The size of an individual log trace file is invalid. Collect maintenance information, and then contact the Support Center.
KAPM00023-E	ID=*aa...aa*,Invalid message type:kind=*bb...bb* *aa...aa*: ID of the program using the log *bb...bb*: Message type Output destinations: syslog/Eventlog	A value indicating the message type is invalid. Collect maintenance information, and then contact the Support Center.
KAPM00024-E	ID=*aa...aa*,Invalid output level:level=*bb...bb* *aa...aa*: ID of the program using the log *bb...bb*: Output level Output destinations: syslog/Eventlog	An invalid log output level exists in the code. Collect maintenance information, and then contact the Support Center.
KAPM00025-E	The value of the encoding setting *bb...bb* of the unique log output of *aa...aa* is invalid. *aa...aa*: Program name request to output log *bb...bb*: Encoding Output destinations: syslog/Eventlog	The value of the encoding setting *bb...bb* of the unique log output of *aa...aa* is invalid. Collect maintenance information, and then contact the Support Center.
KAPM00090-I	The SSO server started successfully. Output destinations: syslog/Eventlog	The SSO server started successfully.
KAPM00091-E	An attempt to start the SSO server has failed. Output destinations: syslog/Eventlog	An attempt to start the SSO server has failed. Collect maintenance information, and then contact the Support Center.
KAPM00092-I	The SSO server was stopped successfully. Output destinations: syslog/Eventlog	The SSO server was stopped successfully.
KAPM00101-E	An authentication error occurred. Output destinations: Destinations for output level 10, and windows.	An authentication error occurred. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM00102-E	An error occurred during DBMS access processing. Output destinations: Destinations for output level 10.	An error occurred during DBMS access processing. Collect maintenance information, and then contact the Support Center.
KAPM00103-E	The DBMS is not running. Output destinations: Destinations for output level 10, and windows.	The DBMS is not running. Make sure the DBMS has started.
KAPM00104-E	The product name is not specified. Output destinations: Destinations for output level 10.	The product name is not specified. Collect maintenance information, and then contact the Support Center.
KAPM00105-E	An unexpected value was returned from the integrated authentication server. (*aa...aa*) *aa...aa*: Unexpected return value Output destinations: Destinations for output level 10.	An unexpected value was returned from the integrated authentication server. Collect maintenance information, and then contact the Support Center.
KAPM00106-E	An attempt to update the authentication data has failed. Output destinations: Destinations for output level 10.	An attempt to update the authentication data has failed. Collect maintenance information, and then contact the Support Center.
KAPM00107-E	An attempt to delete the authentication data has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to delete the authentication data has failed. Retry execution. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM00108-E	An attempt to print the authentication data has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to print the authentication data has failed. Retry execution. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM00110-E	The HSSOContext value is invalid. Output destinations: Destinations for output level 10.	The HSSOContext value is invalid. Collect maintenance information, and then contact the Support Center.
KAPM00111-I	The authentication data was successfully updated. Output destinations: Destinations for output level 10.	The authentication data was successfully updated.
KAPM00112-I	The authentication data was successfully deleted. (*aa...aa*) *aa...aa*: Product name Output destinations: Destinations for output level 10.	The authentication data was successfully deleted.
KAPM00113-I	The authentication data is already deleted. (*aa...aa*) *aa...aa*: Product name Output destinations: Destinations for output level 10.	The authentication data is already deleted.
KAPM00114-I	The authentication data was successfully displayed. Output destinations: Destinations for output level 10.	The authentication data was successfully displayed.
KAPM00115-E	An attempt to communicate with the SSO server has failed. Output destinations: Destinations for output level 10.	An attempt to communicate with the SSO server has failed. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM00116-E	An attempt to update authentication data has failed. Output destinations: Destinations for output level 10, and windows.	This message is displayed when an attempt to update authentication data fails. Please restart the Single Sign On server.
KAPM00130-E	There is no value in the request. Output destinations: Destinations for output level 10.	There is no value in the request. Collect maintenance information, and then contact the Support Center.
KAPM00131-E	A required token is not specified. Output destinations: Destinations for output level 10.	A required token is not specified. Collect maintenance information, and then contact the Support Center.
KAPM00132-E	The event name is invalid. Output destinations: Destinations for output level 10.	The event name is invalid. Collect maintenance information, and then contact the Support Center.
KAPM00133-E	The DBMS is not running. Output destinations: Destinations for output level 10.	The DBMS is not running. Make sure the DBMS has started.
KAPM00134-E	An error occurred during a DBMS access. Output destinations: Destinations for output level 10.	An error occurred during a DBMS access. Collect maintenance information, and then contact the Support Center.
KAPM00137-E	An authentication error occurred. Output destinations: Destinations for output level 10.	An authentication error occurred. Collect maintenance information, and then contact the Support Center.
KAPM00138-E	Authentication data for delete processing is invalid. Output destinations: Destinations for output level 10.	Authentication data for delete processing is invalid. Collect maintenance information, and then contact the Support Center.
KAPM00139-I	Deletion of authentication data for all products will now start. Output destinations: Destinations for output level 10.	Deletion of authentication data for all products will now start.
KAPM00140-I	Deletion of authentication data will now start. Application name: *aa...aa* Service name: *bb...bb* *aa...aa*: Application name *bb...bb*: Service name Output destinations: Destinations for output level 10.	Deletion of authentication data will now start.
KAPM00141-E	An attempt to lock the table has failed. Output destinations: Destinations for output level 10.	An attempt to lock the table has failed. Collect maintenance information, and then contact the Support Center.
KAPM00162-E	There is an error in the protocol. (element = *aa...aa*) *aa...aa*: Element Output destinations: Destinations for output level 10.	There is an error in the protocol. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM00163-E	There is an error in the protocol. (element = *aa...aa*, attribute = *bb...bb*, value = *cc...cc*) *aa...aa*: Element *bb...bb*: Attribute *cc...cc*: Value Output destinations: Destinations for output level 10.	There is an error in the protocol. Collect maintenance information, and then contact the Support Center.
KAPM00192-E	An exception was detected. Output destinations: Destinations for output level 10.	An exception was detected. Collect maintenance information, and then contact the Support Center.
KAPM00199-E	*aa...aa* *aa...aa*: Name of the exception object and the reason that object was thrown, or the backtrace for that object Output destinations: Destinations for output level 10.	Detailed information for KAPMxxxxx-E. This indicates the thrown exception object and the backtrace for that object. See the message KAPMxxxxx-E.
KAPM00900-I	The SSO server started successfully. Output destinations: syslog/Eventlog	The SSO server started successfully.
KAPM00901-E	An attempt to start the SSO server has failed. Output destinations: syslog/Eventlog	An attempt to start the SSO server has failed.
KAPM00902-I	The SSO server was stopped successfully. Output destinations: syslog/Eventlog	The SSO server was stopped successfully.
KAPM01001-I	Initializing HssoServer configuration. Output destinations: Destinations for output level 10.	Servlet initialization has started.
KAPM01002-E	The system property indicated by `hcmds.home` could not be found. Output destinations: Destinations for output level 0.	The system property indicated by `hcmds.home` could not be found. Collect maintenance information, and then contact the Support Center.
KAPM01003-E	HssoServerRes1_0.dtd was not found. path = *aa...aa* *aa...aa*: Path of file `HssoServerRes1_0.dtd` Output destinations: Destinations for output level 0.	`HssoServerRes1_0.dtd` was not found. Collect maintenance information, and then contact the Support Center.
KAPM01004-E	Can't read DTD files. Output destinations: Destinations for output level 0.	An attempt to read the DTD file has failed. Collect maintenance information, and then contact the Support Center.
KAPM01005-W	Failed to close FileStream. Output destinations: Destinations for output level 10.	An attempt to close FileStream has failed.
KAPM01008-I	HTTP:POST from *aa...aa* *aa...aa*: IP address Output destinations: Destinations for output level 10.	The IP address of the requesting client.
KAPM01010-E	Can't get InputStream from Request. Output destinations: Destinations for output level 0.	An attempt to acquire an InputStream from a client's request has failed. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM01013-E	Unsupported command was requested. Output destinations: Destinations for output level 0.	The requested command name is invalid. Collect maintenance information, and then contact the Support Center.
KAPM01017-E	Unsupported method was requested. Output destinations: Destinations for output level 0.	The requested method name is invalid. Collect maintenance information, and then contact the Support Center.
KAPM01019-E	Unsupported method was requested. Output destinations: Destinations for output level 0.	
KAPM01024-I	Request Information: Version = *aa...aa*, Command = *bb...bb*, ID = *cc...cc* *aa...aa*: Version *bb...bb*: Command *cc...cc*: ID Output destinations: Destinations for output level 10.	The request information will be displayed.
KAPM01025-E	A fatal error occurred. Output destinations: Destinations for output level 0.	A fatal error occurred. Collect maintenance information, and then contact the Support Center.
KAPM01026-E	An attempt to initialize the HSSO Server configuration has failed. Output destinations: Destinations for output level 0.	An attempt to initialize the HSSO server configuration has failed. Collect maintenance information, and then contact the Support Center.
KAPM01028-E	The file "*aa...aa*" could not be read. Path = *bb...bb* *aa...aa*: File name *bb...bb*: File path name Output destinations: Destinations for output level 0.	The file "*aa...aa*" could not be read. Check the specified file path and the permission for reading the specified file.
KAPM01034-E	Can't get the required information from request. Request is invalid. Output destinations: Destinations for output level 0.	The request format is invalid (analysis was successful). Collect maintenance information, and then contact the Support Center.
KAPM01036-E	Request XML can't parse to DOM. - *aa...aa* *aa...aa*: Exception message Output destinations: Destinations for output level 0.	The format of the request is invalid. Collect maintenance information, and then contact the Support Center.
KAPM01040-E	XML version *aa...aa* for HssoClient is not supported. *aa...aa*: Request version Output destinations: Destinations for output level 0.	The version of the specified request is not supported. Collect maintenance information, and then contact the Support Center.
KAPM01042-E	An attempt to parse the request has failed. Output destinations: Destinations for output level 0.	An attempt to parse the request has failed. Collect maintenance information, and then contact the Support Center.
KAPM01046-E	The format of the request was invalid. Cause = *aa...aa* *aa...aa*: Cause Output destinations: Destinations for output level 0.	The format of the request was invalid. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM01051-E	The creation of HSSOContext for authentication has failed. *aa...aa* *aa...aa*: Exception message Output destinations: Destinations for output level 0.	An attempt to create HSSOContext has failed. Collect maintenance information, and then contact the Support Center.
KAPM01052-I	*aa...aa* accessed. *aa...aa*: User ID Output destinations: Destinations for output level 10.	Indicates the ID of the accessing user.
KAPM01053-E	Authentication Failed. Output destinations: Destinations for output level 0.	An attempt at client authentication has failed. Collect maintenance information, and then contact the Support Center.
KAPM01055-E	The system property specified in hcmds.home cannot be found. Output destinations: Destinations for output level 0.	The system property specified in `hcmds.home` cannot be found. Collect maintenance information, and then contact the Support Center.
KAPM01056-E	HDVM.user not found at hcmds.home. Output destinations: Destinations for output level 0.	`HDVM.user` not found at `hcmds.home`. Collect maintenance information, and then contact the Support Center.
KAPM01057-E	HDVM.password not found at hcmds.home. Output destinations: Destinations for output level 0.	`HDVM.password` not found at `hcmds.home`. Collect maintenance information, and then contact the Support Center.
KAPM01059-E	The specified HSSO session is invalid, or does not exist. Session ID = *aa...aa* *aa...aa*: Session ID Output destinations: Destinations for output level 0.	The specified HSSO session is invalid, or does not exist. Log in again.
KAPM01061-E	An invalid value is set in the configuration file. Parameter = *aa...aa* *aa...aa*: Parameter name Output destinations: Destinations for output level 0.	An invalid value is set in the configuration file. Check the value of the parameter specified for *aa...aa* in the configuration file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`
KAPM01062-E	A parameter is not set in the configuration file. Parameter = *aa...aa* *aa...aa*: Parameter name Output destinations: Destinations for output level 0.	A parameter is not set in the configuration file. Check the value of the parameter specified for *aa...aa* in the configuration file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`
KAPM01063-I	HSSO configuration: Virtual Host Name = *aa...aa* *aa...aa*: Virtual host name Output destinations: Destinations for output level 10.	The set virtual host name will now be displayed.

Error Code	Error Message	Description and Action
KAPM01065-E	Can't create DOM tree. - *aa...aa* *aa...aa*: Exception message Output destinations: Destinations for output level 0.	An attempt to create a DOM tree from the client request has failed. Collect maintenance information, and then contact the Support Center.
KAPM01066-E	A CIM Repository exception occurred. Output destinations: Destinations for output level 0.	A CIM Repository exception occurred. When using HiCommand V3.x series, confirm that the InterBase or the InterClient service is running. If the problem cannot be solved, collect maintenance information, and then contact the Support Center. When using the HiCommand V4.x series or later, make sure that HiRDB is running. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM01067-E	The status of the response from Device Manager was FAILED. Output destinations: Destinations for output level 0.	The status of the response from HiCommand Device Manager was FAILED. See the following message KAPM01068-E for the cause. Collect maintenance information, and then contact the Support Center.
KAPM01068-E	*aa...aa* *aa...aa*: Information that is included in the response of HiCommand Device Manager Output destinations: Destinations for output level 10.	*aa...aa*: Information that is included in the response of HiCommand Device Manager. Collect maintenance information, and then contact the Support Center.
KAPM01073-E	The format of the response from Device Manager was invalid. Output destinations: Destinations for output level 0.	The format of the response from HiCommand Device Manager was invalid. Collect maintenance information, and then contact the Support Center.
KAPM01081-E	Authentication has failed. User ID = *aa...aa* *aa...aa*: User ID Output destinations: Destinations for output level 0.	Authentication has failed. Log in again using a valid user ID and password.
KAPM01084-I	The HSSO session has started. Session ID = *aa...aa* *aa...aa*: Session ID Output destinations: Destinations for output level 10.	The HSSO session has started.
KAPM01088-E	An attempt to load the class failed. Class = *aa...aa* *aa...aa*: Class name Output destinations: Destinations for output level 0.	An attempt to load the class failed. Confirm that the class specified for *aa...aa* is the class specified in `HSSO.classpath`. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`

Error Code	Error Message	Description and Action
KAPM01089-E	An attempt to create the instance of the class for authentication failed. Class = *aa...aa* *aa...aa*: Class name Output destinations: Destinations for output level 0.	An attempt to create the instance of the class for authentication failed. Check the value of `HSSO.authentication.module` in the configuration file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`
KAPM01090-E	An attempt to create the instance of the class for authorization failed. Class = *aa...aa* *aa...aa*: Class name Output destinations: Destinations for output level 0.	An attempt to create the instance of the class for authorization failed. Check the value of `HSSO.authorization.module` in the configuration file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`
KAPM01091-E	An attempt to initialize the authentication class failed. Class = *aa...aa* *aa...aa*: Class name Output destinations: Destinations for output level 0.	An attempt to initialize the authentication class failed. Take action according to the proceeding message.
KAPM01092-E	An attempt to initialize the authorization class failed. Class = *aa...aa* *aa...aa*: Class name Output destinations: Destinations for output level 0.	An attempt to initialize the authorization class failed. Take action according to the proceeding message.
KAPM01093-I	HSSO configuration: Authentication class = *aa...aa* *aa...aa*: Class name Output destinations: Destinations for output level 10.	The authentication class that HSSO uses will now be displayed.
KAPM01094-I	HSSO configuration: Authorization class = *aa...aa* *aa...aa*: Class name Output destinations: Destinations for output level 10.	The authorization class that HSSO uses will now be displayed.
KAPM01095-E	The authenticated user does not have permission. User ID = *aa...aa*, Application = *bb...bb* *aa...aa*: User ID *bb...bb*: Application Output destinations: Destinations for output level 0.	The authenticated user does not have permission. Log in again as a user having the permission.

Error Code	Error Message	Description and Action
KAPM01096-E	An attempt to authenticate the internal user has failed. Output destinations: Destinations for output level 0.	An attempt to authenticate the internal user has failed. Confirm that the user specified by the value of `HDVM.user` and `HDVM.password` in the following configuration file is registered in HiCommand Device Manager. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`
KAPM01097-E	An exception occurred during internal authentication module processing. Output destinations: Destinations for output level 0.	An exception occurred during internal authentication module processing. Take action according to the proceeding message.
KAPM01098-E	An exception occurred during authentication module processing. Output destinations: Destinations for output level 0.	An exception occurred during authentication module processing. Take action according to the proceeding message.
KAPM01099-E	An exception occurred during authorization module processing. Output destinations: Destinations for output level 0.	An exception occurred during authorization module processing. Take action according to the proceeding message.
KAPM01103-I	HSSO configuration: Device Manager Server URL = *aa...aa* *aa...aa*: HiCommand Device Manager server URL Output destinations: Destinations for output level 10.	The URL of the HiCommand Device Manager server that HSSO uses will now be displayed.
KAPM01104-I	HSSO configuration: Device Manager Server Connection Timeout = *aa...aa* *aa...aa*: HiCommand Device Manager server connection timeout Output destinations: Destinations for output level 10.	The timeout value for the connection with the HiCommand Device Manager server that HSSO uses will now be displayed.
KAPM01105-E	The JP1 token is invalid. Output destinations: Destinations for output level 0.	The JP1 token is invalid. Log in again.
KAPM01106-E	An attempt to communicate with JP1/Base has failed. Output destinations: Destinations for output level 0.	An attempt to communicate with JP1/Base has failed. Check the status of JP1/Base.
KAPM01107-E	An error occurred due to a virtual host name. Function Code = *aa...aa*, Result Code = *bb...bb* *aa...aa*: Function code *bb...bb*: Result code Output destinations: Destinations for output level 0.	An error occurred due to a virtual host name. Check the value of `hbase.virtualhost` in the configuration file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`

Error Code	Error Message	Description and Action
KAPM01108-E	An attempt to load the library associated with JP1/Base has failed. Output destinations: Destinations for output level 0.	An attempt to load the associated with JP1/Base library has failed. Collect maintenance information, and then contact the Support Center.
KAPM01109-E	An exception occurred during JP1 token authentication processing. Function Code = *aa...aa*, Result Code = *bb...bb* *aa...aa*: Function code *bb...bb*: Result code Output destinations: Destinations for output level 0.	An exception occurred during JP1 token authentication processing. Collect maintenance information, and then contact the Support Center.
KAPM01114-E	An attempt to acquire the link and launch information failed. Output destinations: Destinations for output level 0.	An attempt to acquire the link and launch information failed. Take action according to the proceeding message.
KAPM01115-E	Exception in DeviceManager. DeviceManager returns FAILED. - *aa...aa* *aa...aa*: Error message acquired from HiCommand Device Manager Output destinations: Destinations for output level 0.	The response status of HiCommand Device Manager is "`FAILED`". Collect maintenance information, and then contact the Support Center.
KAPM01116-E	No user was returned from DeviceManager. Output destinations: Destinations for output level 0.	The GetUser response does not contain any user information. Collect maintenance information, and then contact the Support Center.
KAPM01119-E	No user information is set in the HSSO session. Output destinations: Destinations for output level 0.	No user information is set in the HSSO session. Log in again.
KAPM01123-I	HSSO configuration: HSSO Session Timeout = *aa...aa* *aa...aa*: HSSO session timeout Output destinations: Destinations for output level 10.	The timeout value (in seconds) of the HSSO session will now be displayed.
KAPM01152-E	Can't get the application name from request. Request is invalid. Output destinations: Destinations for output level 0.	The application name cannot be acquired from the request. The request is invalid. Collect maintenance information, and then contact the Support Center.
KAPM01154-W	*aa...aa* is not registered. *aa...aa*: Application name Output destinations: Destinations for output level 10.	*aa...aa* is not registered.
KAPM01156-E	Exception in Repository. - *aa...aa* *aa...aa*: Message Output destinations: Destinations for output level 0.	An error occurred when the Common Repository was accessed. See the message KAPM02xxx-E.
KAPM01167-I	The database has stopped. Output destinations: Destinations for output level 10.	The database has stopped.
KAPM01205-E	No instance of Service associated with ServiceAccessPoint. Output destinations: Destinations for output level 0.	An attempt to acquire the service associated with ServiceAccessPoint has failed. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM01206-E	No instance of SoftwareFeature associated with Service. Output destinations: Destinations for output level 0.	An attempt to acquire the SoftwareFeature associated with the Service has failed. Collect maintenance information, and then contact the Support Center.
KAPM01208-E	Exception in Repository. - *aa...aa* *aa...aa*: Details about the repository access error Output destinations: Destinations for output level 0.	An error occurred in the access to the repository. See the message KAPM02xxx-E.
KAPM01209-W	ServiceAccessPoint is not registered. Output destinations: Destinations for output level 10.	ServiceAccessPoint is not registered.
KAPM01255-E	Exception in DeviceManager. DeviceManager returns FAILED. - *aa...aa* *aa...aa*: Error message acquired from HiCommand Device Manager Output destinations: Destinations for output level 0.	The response status of HiCommand Device Manager is "FAILED". Collect maintenance information, and then contact the Support Center.
KAPM01302-E	Can't get the host name or port number of DeviceManager from configuration. Output destinations: Destinations for output level 0.	The host name or port number of HiCommand Device Manager cannot be acquired from the configuration. Confirm that the value of the properties HDVM.host and HDVM.port are set in init.conf.
KAPM01308-E	An attempt to communicate with Device Manager failed. URL = *aa...aa* *aa...aa*: URL Output destinations: Destinations for output level 0.	An attempt to communicate with HiCommand Device Manager failed. Check the status of HiCommand Device Manager, and check the values of HDVM.protocol, HDVM.host and HDVM.port in the configuration file. Windows : *HiCommand Suite Common Component installation-folder*\conf\user.conf Solaris or Linux : /opt/HiCommand/Base/conf/user.conf
KAPM01309-E	The Device Manager Server XML API version *aa...aa* is not supported. *aa...aa*: Version Output destinations: Destinations for output level 0.	HiCommand Device Manager server XML API version *aa...aa* is not supported. Collect maintenance information, and then contact the Support Center.
KAPM01312-E	DeviceManager Server version *aa...aa* is not supported. *aa...aa*: Version of HiCommand Device Manager Output destinations: Destinations for output level 0.	HiCommand Device Manager server version *aa...aa* is not supported. Collect maintenance information, and then contact the Support Center.
KAPM01314-E	The connection to Device Manager timed out. Output destinations: Destinations for output level 0.	The connection to HiCommand Device Manager timed out. Confirm that HiCommand Device Manager is running.
KAPM01331-I	Connecting to DeviceManager Server specified by *aa...aa* *aa...aa*: URL of HiCommand Device Manager Output destinations: Destinations for output level 10.	The connection to HiCommand Device Manager is being established.

Error Code	Error Message	Description and Action
KAPM01336-E	URL *aa...aa* is invalid to DeviceManager Server. *aa...aa*: URL of HiCommand Device Manager Output destinations: Destinations for output level 0.	The format of the URL *aa...aa* for HiCommand Device Manager server is invalid. Confirm that the values of the `HDVM.host` and `HDVM.port` properties are valid in `init.conf`.
KAPM01337-E	Authentication Failed in DeviceManager. Output destinations: Destinations for output level 0.	An authentication error occurred in HiCommand Device Manager. Confirm that the specified user was registered in HiCommand Device Manager.
KAPM01338-E	I/O Error regarding connection to DeviceManager. Output destinations: Destinations for output level 0.	An I/O Error occurred in the communication with HiCommand Device Manager. Confirm that HiCommand Device Manager is running.
KAPM01353-E	Can not map *aa...aa*. *aa...aa*: User permissions Output destinations: Destinations for output level 0.	User permissions could not be mapped. Collect maintenance information, and then contact the Support Center.
KAPM01401-I	Creating CIMClient. Output destinations: Destinations for output level 10.	CIMClient creation is starting.
KAPM01402-E	Can't create CIMClient. - *aa...aa* *aa...aa*: Exception message Output destinations: Destinations for output level 0.	An attempt to create CIMClient has failed. See the message KAPM02xxx-E.
KAPM02001-E	Can not be found database. Output destinations: Destinations for output level 0.	The database could not be found. Check the value of `DATABASE.path` in the following file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`
KAPM02001-W	Some of connection updated the same instance together. So didn't update the instance. Output destinations: Destinations for output level 0.	Some of connection updated the same instance together. So didn't update the instance. Confirm that the candidate for updating was updated. If it was not updated, try again.
KAPM02002-E	Your user name and password are not defined. Output destinations: Destinations for output level 0.	The name or password of the user accessing the database is invalid. Check the value of `DATABASE.user` or `DATABASE.password` in the following file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`

Error Code	Error Message	Description and Action
KAPM02003-E	An unknown host exception occurred while trying to open a socket connection to server. Output destinations: Destinations for output level 0.	The host name of the database to be accessed is invalid. Check the value of `DATABASE.hostname` in the following file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`
KAPM02004-E	No suitable driver. Output destinations: Destinations for output level 0.	The driver name for accessing the database is invalid. Check the value of `DATABASE.type` in the following file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`
KAPM02005-E	A socket exception occurred while trying to establish a socket connection to server. Output destinations: Destinations for output level 0.	A socket exception occurred while trying to establish a socket connection to server. Make sure that InterClient is running.
KAPM02006-E	InterServer is unable to locate the InterBase application or service. Output destinations: Destinations for output level 0.	InterServer is unable to locate the InterBase application or service. Make sure that InterBase is running.
KAPM02007-E	*aa...aa* *aa...aa*: Exception message Output destinations: Destinations for output level 0.	An SQLException has occurred. Collect maintenance information, and then contact the Support Center.
KAPM02008-E	*aa...aa* *aa...aa*: Exception message Output destinations: Destinations for output level 0.	Another type of exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM02009-E	Failed to unlock a table when inserting a record or records. Output destinations: Destinations for output level 10.	The table-unlock process that set the connection during the insert has failed. Collect maintenance information, and then contact the Support Center.
KAPM02010-E	Update data doesn't exist. Output destinations: Destinations for output level 10.	The data could not be found. Collect maintenance information, and then contact the Support Center.
KAPM02011-E	Delete data doesn't exist. Output destinations: Destinations for output level 10.	The data could not be found. Collect maintenance information, and then contact the Support Center.
KAPM02012-E	Search data doesn't exist. Output destinations: Destinations for output level 10.	The data could not be found. Collect maintenance information, and then contact the Support Center.
KAPM02013-E	Exception happened when some CIM class was used. Output destinations: Destinations for output level 0.	An error occurred while reading or using the value specified in CIM. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM02014-E	An attempt to load the definition for a class has failed. Class name = *aa...aa* *aa...aa*: Class name Output destinations: Destinations for output level 10.	An attempt to load the definition for a class has failed. Take action according to the proceeding message.
KAPM02015-E	A class definition could not be found. Class name = *aa...aa* *aa...aa*: Class name Output destinations: Destinations for output level 10.	A class definition could not be found. Reboot the single signon service.
KAPM02016-E	A RepositoryException occurred. Output destinations: Destinations for output level 10.	A RepositoryException occurred. Take action according to the proceeding message.
KAPM02017-E	The parameter is null. Output destinations: Destinations for output level 10.	The parameter is null. Take action according to the proceeding message.
KAPM02018-E	The parameter is invalid. Output destinations: Destinations for output level 10.	The parameter is invalid. Take action according to the proceeding message.
KAPM02019-E	The CIMElement already exists. Output destinations: Destinations for output level 10.	The CIMElement already exists. Take action according to the proceeding message.
KAPM02020-E	Duplicate data exists. Output destinations: Destinations for output level 10.	Duplicate data exists. Take action according to the proceeding message.
KAPM02021-E	The CIMElement could not be found. Output destinations: Destinations for output level 10.	The CIMElement could not be found. Take action according to the proceeding message.
KAPM02023-E	The CIMObjectPath is incorrect. A key is required. Output destinations: Destinations for output level 10.	The CIMObjectPath is incorrect. A key is required. Take action according to the proceeding message.
KAPM02025-E	The CIMObjectPath contains an invalid property. Output destinations: Destinations for output level 10.	The CIMObjectPath contains an invalid property. Take action according to the proceeding message.
KAPM02027-E	The key property could not be changed. Output destinations: Destinations for output level 10.	The key property could not be changed. Take action according to the proceeding message.
KAPM02029-E	The initialize parameter is invalid. Output destinations: Destinations for output level 10.	The initialize parameter in init.conf is invalid. Take action according to the proceeding message.
KAPM02030-E	An unsupported data type was used. Output destinations: Destinations for output level 10.	An unsupported data type was used. Take action according to the proceeding message.

Error Code	Error Message	Description and Action
KAPM02031-E	The CIMClass is invalid. A KEY property is required. Output destinations: Destinations for output level 10.	The CIMClass is invalid. A KEY property is required. Take action according to the proceeding message.
KAPM02032-E	The CIMClass could not be deleted, because it contains instances. Output destinations: Destinations for output level 10.	The CIMClass could not be deleted, because it contains instances. Take action according to the proceeding message.
KAPM02033-E	The CIMClass could not be deleted, because it contains subclasses. Output destinations: Destinations for output level 10.	The CIMClass could not be deleted, because it contains subclasses. Take action according to the proceeding message.
KAPM02034-E	A ClassNotFoundException occurred. Output destinations: Destinations for output level 0.	A ClassNotFoundException occurred. Take action according to the proceeding message.
KAPM02035-E	A CIMInConnectionPoolException occurred. Output destinations: Destinations for output level 10.	A CIMInConnectionPoolException occurred. Take action according to the proceeding message.
KAPM02036-E	A connection to the database could not be established. Output destinations: Destinations for output level 10.	A connection to the database could not be established. Take action according to the proceeding message.
KAPM02038-W	A DeadLockException occurred. Description = *aa...aa* *aa...aa*: Class name Output destinations: Destinations for output level 10.	A DeadLockException occurred. Take action according to the proceeding message.
KAPM02039-W	A CIMInDeadLockException occurred. Output destinations: Destinations for output level 10.	A CIMInDeadLockException occurred. Take action according to the proceeding message.
KAPM02040-E	The CIMInstance is invalid. Output destinations: Destinations for output level 10.	The CIMInstance is invalid. Take action according to the proceeding message.
KAPM02041-E	The CIMObjectPath is invalid. Output destinations: Destinations for output level 10.	The CIMObjectPath is invalid. Take action according to the proceeding message.
KAPM02042-E	The name of property is invalid. Output destinations: Destinations for output level 10.	The name of property is invalid. Take action according to the proceeding message.
KAPM02044-E	A DBNotFoundException occurred. Output destinations: Destinations for output level 10.	A DBNotFoundException occurred. Take action according to the proceeding message.
KAPM02045-E	The CIMClass is invalid. Output destinations: Destinations for output level 10.	The CIMClass is invalid. Take action according to the proceeding message.

Error Code	Error Message	Description and Action
KAPM02046-E	The CIMProperty is invalid. The KEY property must be set. Output destinations: Destinations for output level 10.	The CIMProperty is invalid. The KEY property must be set. Take action according to the proceeding message.
KAPM02047-E	The type of class is invalid. Output destinations: Destinations for output level 10.	The type of class is invalid. Take action according to the proceeding message.
KAPM02048-E	Failed to get membership groups. Output destinations: Destinations for output level 10.	Failed to get membership groups. Take action according to the proceeding message.
KAPM02049-E	Not authorized object. ObjectName = *aa...aa* *aa...aa*: Object name Output destinations: Destinations for output level 10.	Not authorized object. Take action according to the proceeding message.
KAPM02050-E	Host name is invalid. Output destinations: Destinations for output level 0.	Host name is invalid. Take action according to the proceeding message.
KAPM02051-E	Cannot connect to InterClient. Output destinations: Destinations for output level 0.	Cannot connect to InterClient. Take action according to the proceeding message.
KAPM02052-E	Cannot connect to InterBase. Output destinations: Destinations for output level 0.	Cannot connect to InterBase. Take action according to the proceeding message.
KAPM02053-E	SQLException occurred. Description = *aa...aa* *aa...aa*: Description Output destinations: Destinations for output level 10.	SQLException occurred. Take action according to the proceeding message.
KAPM02054-E	Exception occurred. Description = *aa...aa* *aa...aa*: Description Output destinations: Destinations for output level 10.	Exception occurred. Take action according to the proceeding message.
KAPM02055-E	CIMException occurred. Description = *aa...aa* *aa...aa*: Description Output destinations: Destinations for output level 10.	CIMException occurred. Take action according to the proceeding message.
KAPM02056-E	A CIMClassNotFoundException occurred. Output destinations: Destinations for output level 10.	A CIMClassNotFoundException occurred. Take action according to the proceeding message.
KAPM02057-E	IOException occurred. Description = *aa...aa* *aa...aa*: Description Output destinations: Destinations for output level 10.	IOException occurred. Take action according to the proceeding message.
KAPM02058-E	InterruptedException occurred. Description = *aa...aa* *aa...aa*: Description Output destinations: Destinations for output level 10.	InterruptedException occurred. Take action according to the proceeding message.

Error Code	Error Message	Description and Action
KAPM02059-E	The time limit for establishing a connection is over. Output destinations: Destinations for output level 10.	The time limit for establishing a connection is over. Take action according to the proceeding message.
KAPM02060-E	An attempt to establish a connection has failed. Output destinations: Destinations for output level 10.	An attempt to establish a connection has failed. Take action according to the proceeding message.
KAPM02061-E	*aa...aa* *aa...aa*: Name of the exception object and the reason that object was thrown, or the backtrace for that object Output destinations: Destinations for output level 10.	Detailed information for KAPMxxxxx-E. This indicates the thrown exception object and the backtrace for that object. See the message KAPMxxxxx-E.
KAPM02062-I	The get method changed the state to the standby state. Output destinations: Destinations for output level 10.	The get method changed the state to the standby state.
KAPM02063-I	The createConnection method changed the state to the standby state. Output destinations: Destinations for output level 10.	The createConnection method changed the state to the standby state.
KAPM02069-E	A time-over error occurred when connecting to the repository. Output destinations: Destinations for output level 10.	A time-over error occurred when connecting to the repository. If you are trying to log in, log in again. If you have already logged in, retry the operation.
KAPM02070-E	A CIMUnavailableDatabaseException occurred. Detailed message of exception = *aa...aa* *aa...aa*: Detailed message of exception Output destinations: Destinations for output level 10.	A CIMUnavailableDatabaseException occurred. Take action according to the proceeding message.
KAPM02071-E	HiRDB is not running. Output destinations: Destinations for output level 10.	HiRDB is not running. Please start HiRDB.
KAPM02072-E	The password of a user connected to HiRDB is invalid. (user name = *aa...aa*) *aa...aa*: User name Output destinations: Destinations for output level 10.	The password of a user connected to HiRDB is invalid. Check the value of `HiRDB.password` in the `user.conf` file. If that is not the problem, contact the Support Center.
KAPM02073-E	The user name of a user connected to HiRDB is invalid. (user name = *aa...aa*) *aa...aa*: User name Output destinations: Destinations for output level 10.	The user name of a user connected to HiRDB is invalid. Check the value of `HiRDB.user` in the `user.conf` file. If that is not the problem, contact the Support Center.
KAPM02074-W	The table name registered into DBMS is changed. Before= *aa...aa* After = *bb...bb* *aa...aa*: Before *bb...bb*: After Output destinations: Destinations for output level 10.	The table name to be registered in the DBMS will be changed.

Error Code	Error Message	Description and Action
KAPM02075-E	An attempt to set a connection to the factory has failed. Output destinations: Destinations for output level 10.	An attempt to set a connection to the factory has failed. Collect maintenance information, and then contact the Support Center.
KAPM02076-I	Processing to initialize the connection pool was executed. *aa...aa*: Initial value, *bb...bb*: Increment value, *cc...cc*: Maximum value, *dd...dd*: Keep-alive period, *ee...ee*: Timeout period, *ff...ff*: Number of retries, *gg...gg*: Retry interval *aa...aa*: Initial value *bb...bb*: Increment value *cc...cc*: Maximum value *dd...dd*: Keep-alive period *ee...ee*: Timeout period *ff...ff*: Number of retries *gg...gg*: Retry interval Output destinations: Destinations for output level 10.	Processing to initialize the connection pool was executed.
KAPM02077-E	An attempt to release the connection of the connection pool has failed. Output destinations: Destinations for output level 10.	This message is displayed when an attempt to release the connection of the connection pool fails. Collect maintenance information, and then contact the Support Center.
KAPM02078-E	A RepositoryException occurred. (details = *aa...aa*) *aa...aa*: Details Output destinations: Destinations for output level 10.	This message is displayed when a RepositoryException occurs. Collect maintenance information, and then contact the Support Center.
KAPM02079-E	An attempt to release the JDBC connection has failed. Output destinations: Destinations for output level 10.	This message is displayed when an attempt to release the JDBC connection fails. Collect maintenance information, and then contact the Support Center.
KAPM02201-I	The method was invoked. Output destinations: Destinations for output level 10.	The method was invoked.
KAPM02202-I	The following arguments were specified: *aa...aa* *aa...aa*: Arguments Output destinations: Destinations for output level 10.	The following arguments were specified: *aa...aa*
KAPM02203-I	External module processing has started. (module = *aa...aa*) *aa...aa*: Module Output destinations: Destinations for output level 10.	External module processing has started.
KAPM02204-I	External module processing has terminated. (module = *aa...aa*) *aa...aa*: Module Output destinations: Destinations for output level 10.	External module processing has terminated.
KAPM02210-E	The specified argument is null. Output destinations: Destinations for output level 10.	The specified argument is null.

Error Code	Error Message	Description and Action
KAPM02211-E	The password is not set. Output destinations: Destinations for output level 10.	The password is not set.
KAPM02212-E	Authentication has failed. Output destinations: Destinations for output level 10.	Authentication has failed.
KAPM02213-E	An attempt to read the password file has failed. Output destinations: Destinations for output level 0.	An attempt to read the password file has failed. Confirm that the following file has read permissions. If it does have read permissions, collect maintenance information, and contact the Support Center. Windows : *HiCommand Suite Common Component installation-folder*\conf\.hbaspass Solaris or Linux : /opt/HiCommand/Base/conf/.hbaspass
KAPM02214-E	An attempt to write to the password file has failed. Output destinations: Destinations for output level 0.	An attempt to write to the password file has failed. Confirm that the following file has write permissions. If it does have write permissions, collect maintenance information, and contact the Support Center. Windows : *HiCommand Suite Common Component installation-folder*\conf\.hbaspass Solaris or Linux : /opt/HiCommand/Base/conf/.hbaspass
KAPM02215-E	The authenticated user does not have permission to execute the method. Output destinations: Destinations for output level 10.	The authenticated user does not have permission to execute the method.
KAPM02216-E	The specified user was not found. Output destinations: Destinations for output level 10.	The specified user was not found.
KAPM02217-E	The specified group was not found. Output destinations: Destinations for output level 10.	The specified group was not found.
KAPM02218-E	The specified user already exists. Output destinations: Destinations for output level 10.	The specified user already exists.
KAPM02219-E	The specified group already exists. Output destinations: Destinations for output level 10.	The specified group already exists.
KAPM02220-E	The specified user is already registered in the group. Output destinations: Destinations for output level 10.	The specified user is already registered in the group.
KAPM02221-E	hadmin cannot be registered in the group. Output destinations: Destinations for output level 10.	hadmin cannot be registered in the group.
KAPM02222-E	An error occurred during user database access. Output destinations: Destinations for output level 10.	An error occurred during user database access. Confirm that DBMS, HBase Storage Mgmt Web Service and HBase Storage Mgmt Common Service have started. If they have started, collect maintenance information, and contact the Support Center.

Error Code	Error Message	Description and Action
KAPM02223-E	The specified mode is unsupported. Output destinations: Destinations for output level 0.	The specified mode is unsupported. Collect maintenance information, and then contact the Support Center.
KAPM02224-E	A fatal error occurred. Output destinations: Destinations for output level 0.	A fatal error occurred. Collect maintenance information, and then contact the Support Center.
KAPM02225-E	The specified user cannot be deleted. Output destinations: Destinations for output level 10.	The specified user cannot be deleted.
KAPM02226-E	The specified group cannot be deleted. Output destinations: Destinations for output level 10.	The specified group cannot be deleted.
KAPM02227-E	The common repository is stopping. Output destinations: Destinations for output level 10.	The common repository has stopped. Make sure the DBMS has started.
KAPM02228-E	The user ID is not set. Output destinations: Destinations for output level 10.	The user ID is not set. Collect maintenance information, and then contact the Support Center.
KAPM02229-E	The specified user ID is invalid. Output destinations: Destinations for output level 10.	The specified user ID is invalid. Collect maintenance information, and then contact the Support Center.
KAPM02230-E	The specified password is invalid. Output destinations: Destinations for output level 10.	The specified password is invalid. Collect maintenance information, and then contact the Support Center.
KAPM02231-E	The application type is not set. Output destinations: Destinations for output level 10.	The application type is not set. Collect maintenance information, and then contact the Support Center.
KAPM02232-E	The resource group ID is not set. Output destinations: Destinations for output level 10.	The resource group ID is not set. Collect maintenance information, and then contact the Support Center.
KAPM02233-E	The specified application is not registered. Output destinations: Destinations for output level 10.	The specified application is not registered. Collect maintenance information, and then contact the Support Center.
KAPM02234-I	The permissions for *aa...aa* will now be changed. (User ID = *aa...aa*) *aa...aa*: User ID Output destinations: Destinations for output level 10.	The permissions for *aa...aa* will now be changed.
KAPM02235-I	The permissions for *aa...aa* were changed. (User ID = *aa...aa*) *aa...aa*: User ID Output destinations: Destinations for output level 10.	The permissions for *aa...aa* were changed.
KAPM02236-I	A user account will now be created. (User ID = *aa...aa*) *aa...aa*: User ID Output destinations: Destinations for output level 10.	A user account will now be created.

Error Code	Error Message	Description and Action
KAPM02237-I	The user account was created successfully. (User ID = *aa...aa*) *aa...aa*: User ID Output destinations: Destinations for output level 10.	The user account was created successfully.
KAPM02238-I	The user-account properties will now be changed. (*aa...aa*) *aa...aa*: Properties list before the change Output destinations: Destinations for output level 10.	The user account properties will now be changed.
KAPM02239-I	The user-account properties were changed. (*aa...aa*) *aa...aa*: Properties list after the change Output destinations: Destinations for output level 10.	The user account properties were changed.
KAPM02240-I	The resource-group properties will now be changed. (*aa...aa*) *aa...aa*: Properties list before the change Output destinations: Destinations for output level 10.	The resource group properties will now be changed.
KAPM02241-I	The resource-group properties were changed. (*aa...aa*) *aa...aa*: Properties list after the change Output destinations: Destinations for output level 10.	The resource group properties were changed.
KAPM02242-I	The allocation status of the resource group will now be changed. (*aa...aa*) *aa...aa*: Allocation status before the change Output destinations: Destinations for output level 10.	The allocation status of the resource group will now be changed.
KAPM02243-I	The allocation status of the resource group was changed. (*aa...aa*) *aa...aa*: Allocation status after the change Output destinations: Destinations for output level 10.	The allocation status of the resource group was changed.
KAPM02244-I	The password will now be changed. (User ID = *aa...aa*) *aa...aa*: User ID Output destinations: Destinations for output level 10.	The password will now be changed.
KAPM02245-I	The password was changed. (User ID = *aa...aa*) *aa...aa*: User ID Output destinations: Destinations for output level 10.	The password was changed.
KAPM02246-I	The user account will now be deleted. (User ID = *aa...aa*) *aa...aa*: User ID Output destinations: Destinations for output level 10.	The user account will now be deleted.
KAPM02247-I	The user account was deleted. (User ID = *aa...aa*) *aa...aa*: User ID Output destinations: Destinations for output level 10.	The user account was deleted.

Error Code	Error Message	Description and Action
KAPM02248-I	The resource group will now be deleted. (resource group ID = *aa...aa*, resource group name = *bb...bb*) *aa...aa*: Resource-group ID *bb...bb*: Resource-group name Output destinations: Destinations for output level 10.	The resource group will now be deleted.
KAPM02249-I	The resource group was deleted. (resource group ID = *aa...aa*, resource group name = *bb...bb*) *aa...aa*: Resource-group ID *bb...bb*: Resource-group name Output destinations: Destinations for output level 10.	The resource group was deleted.
KAPM02250-E	A resource group with the same name has already been registered. (resource group name = *aa...aa*) *aa...aa*: Resource-group name Output destinations: Destinations for output level 10.	A resource group with the same name has already been registered.
KAPM02251-E	A user account with the same user ID has already been registered. (User ID = *aa...aa*) *aa...aa*: User ID Output destinations: Destinations for output level 10.	A user account with the same user ID has already been registered.
KAPM02252-E	A resource group with the same ID has already been registered. (group ID = *aa...aa*) *aa...aa*: Group ID Output destinations: Destinations for output level 10.	A resource group with the same ID has already been registered.
KAPM02254-I	Request information: (API version = *aa...aa*, Command name = *bb...bb*, User ID or session ID = *cc...cc*) *aa...aa*: API version *bb...bb*: Command name *cc...cc*: User ID or session ID Output destinations: Destinations for output level 10.	Request information.
KAPM02255-E	The specified version is not supported. (version = *aa...aa*) *aa...aa*: API version Output destinations: Destinations for output level 10.	The specified version is not supported. Collect maintenance information, and then contact the Support Center.
KAPM02256-E	The specified command is not supported. (command = *aa...aa*) *aa...aa*: Command name Output destinations: Destinations for output level 10.	The specified command is not supported. Collect maintenance information, and then contact the Support Center.
KAPM02257-E	Authentication has failed. (user ID = *aa...aa*) *aa...aa*: User ID Output destinations: Destinations for output level 10.	Authentication has failed. Make sure the combination of user ID and password is correct.

Error Code	Error Message	Description and Action
KAPM02258-I	Response information: (API version = *aa...aa*, Command name = *bb...bb*, Response status = *cc...cc*) *aa...aa*: API version *bb...bb*: Command name *cc...cc*: Response status Output destinations: Destinations for output level 10.	Response information.
KAPM02259-I	Response information when an error occurs: (Error code = *aa...aa*, Description = *bb...bb*) *aa...aa*: Error code *bb...bb*: Description Output destinations: Destinations for output level 10.	Response information when an error occurs.
KAPM02260-E	An attempt to communicate with a server has failed. (URL = *aa...aa*) *aa...aa*: URL of the server Output destinations: Destinations for output level 10.	An attempt to communicate with a server has failed. Make sure the HBase Storage Mgmt Common Service or the HBase Storage Mgmt Web Service of the server specified in the URL has started.
KAPM02261-E	An attempt to parse the response has failed. Output destinations: Destinations for output level 10.	An attempt to parse the response has failed. Collect maintenance information, and then contact the Support Center.
KAPM02262-E	The request parameter is invalid. Output destinations: Destinations for output level 10.	The request parameter is invalid. Collect maintenance information, and then contact the Support Center.
KAPM02263-E	This user does not have execution permissions. (ID = *aa...aa*) *aa...aa*: Session ID Output destinations: Destinations for output level 10.	This user does not have execution permissions. Collect maintenance information, and then contact the Support Center.
KAPM02269-E	The specified user was not found. Output destinations: syslog/Eventlog/Destinations for output level 10, and windows.	The specified user was not found. Another user might have deleted the specified user. Refresh the display and make sure the selected user is registered.
KAPM02270-E	The same user ID already exists. Output destinations: Destinations for output level 10.	The same user ID already exists. Specify another user ID.
KAPM02271-E	An attempt to communicate with a database has failed. Output destinations: Destinations for output level 10.	An attempt to communicate with a database has failed. Make sure that HiRDB has started.
KAPM02272-E	An error occurred within the server. Output destinations: Destinations for output level 10.	An error occurred within the server. Collect maintenance information, and then contact the Support Center.
KAPM02273-I	The user will now be added. (ID = *aa...aa*, user ID = *bb...bb*) *aa...aa*: Session ID *bb...bb*: User ID Output destinations: Destinations for output level 10.	The user will now be added.

Error Code	Error Message	Description and Action
KAPM02274-I	The user was added successfully. (ID = *aa...aa*, user ID = *bb...bb*) *aa...aa*: Session ID *bb...bb*: User ID Output destinations: Destinations for output level 10.	The user was added successfully.
KAPM02275-I	The password will now be changed. (ID = *aa...aa*, user ID = *bb...bb*) *aa...aa*: Session ID *bb...bb*: User ID Output destinations: Destinations for output level 10.	The password will now be changed.
KAPM02276-I	The password was changed successfully. (ID = *aa...aa*, user ID = *bb...bb*) *aa...aa*: Session ID *bb...bb*: User ID Output destinations: Destinations for output level 10.	The password was changed successfully.
KAPM02277-I	The user profile will now be changed. (ID = *aa...aa*, user ID = *bb...bb*) *aa...aa*: Session ID *bb...bb*: User ID Output destinations: Destinations for output level 10.	The user profile will now be changed.
KAPM02278-I	The user profile was changed successfully. (ID = *aa...aa*, user ID = *bb...bb*) *aa...aa*: Session ID *bb...bb*: User ID Output destinations: Destinations for output level 10.	The user profile was changed successfully.
KAPM02279-I	The permissions will now be changed. (ID = *aa...aa*, user ID = *bb...bb*, permissions = *cc...cc*) *aa...aa*: Session ID *bb...bb*: User ID *cc...cc*: Permissions after the change Output destinations: Destinations for output level 10.	The permissions will now be changed.
KAPM02280-I	The permissions were changed successfully. (ID = *aa...aa*, user ID = *bb...bb*, permissions = *cc...cc*) *aa...aa*: Session ID *bb...bb*: User ID *cc...cc*: Permissions after the change Output destinations: syslog/Eventlog/Destinations for output level 10.	The permissions were changed successfully.
KAPM02281-I	The user will now be deleted. (ID = *aa...aa*, user ID = *bb...bb*) *aa...aa*: Session ID *bb...bb*: User ID Output destinations: Destinations for output level 10.	The user will now be deleted.

Error Code	Error Message	Description and Action
KAPM02282-I	The user was deleted successfully. (ID = *aa...aa*, user ID = *bb...bb*) *aa...aa*: Session ID *bb...bb*: User ID Output destinations: Destinations for output level 10.	The user was deleted successfully.
KAPM02283-E	The old password is incorrect. (ID = *aa...aa*, user ID = *bb...bb*) *aa...aa*: Session ID *bb...bb*: User ID Output destinations: Destinations for output level 10.	The old password is incorrect.
KAPM02284-I	The user will now be locked. (ID = *aa...aa*, user ID = bb...bb) *aa...aa*: Session ID *bb...bb*: User ID Output destinations: Destinations for output level 10.	The user will now be locked.
KAPM02285-I	The user was locked successfully. (ID = *aa...aa*, user ID = *bb...bb*) *aa...aa*: Session ID *bb...bb*: User ID Output destinations: Destinations for output level 10.	The user was locked successfully.
KAPM02286-E	An attempt to lock the user has failed. *aa...aa* *aa...aa*: Detailed information Output destinations: Destinations for output level 10, and windows.	An attempt to lock the user has failed. See the message that follows.
KAPM02287-I	The user will now be unlocked. (ID = *aa...aa*, user ID = *bb...bb*) *aa...aa*: Session ID *bb...bb*: User ID Output destinations: Destinations for output level 10.	The user will now be unlocked.
KAPM02288-I	The user was unlocked successfully. (ID = *aa...aa*, user ID = *bb...bb*) *aa...aa*: Session ID *bb...bb*: User ID Output destinations: Destinations for output level 10.	The user was unlocked successfully.
KAPM02289-E	An attempt to unlock the user has failed. *aa...aa* *aa...aa*: Detailed information Output destinations: Destinations for output level 10, and windows.	An attempt to unlock the user has failed. See the Message of the next message.
KAPM02290-I	Authentication was successful. (user ID = *aa...aa*) *aa...aa*: User ID Output destinations: Destinations for output level 10.	Authentication was successful.

Error Code	Error Message	Description and Action
KAPM02291-W	Authentication has failed. *aa...aa* *aa...aa*: Detailed information Output destinations: syslog/Eventlog/Destinations for output level 10.	Authentication has failed.
KAPM02292-W	Authentication has failed for *aa...aa* times in a row, so the user (*bb...bb*) was locked. *aa...aa*: Failure times *bb...bb*: User ID Output destinations: syslog/Eventlog/Destinations for output level 10.	Authentication has failed for aa...aa times in a row, so the user (bb...bb) was locked.
KAPM02301-E	hcmds.home is not set in the Java system properties. Output destinations: Destinations for output level 10.	`hcmds.home` is not set in the Java system properties. Collect maintenance information, and then contact the Support Center.
KAPM02302-E	An error occurred during loading of a library. Output destinations: Destinations for output level 10.	An error occurred during loading of a library. Collect maintenance information, and then contact the Support Center.
KAPM02303-E	An attempt to acquire user information about a HiRDB-connected user has failed. error code = *aa...aa* *aa...aa*: Error code Output destinations: Destinations for output level 10.	An attempt to acquire user information about a HiRDB-connected user has failed. Collect maintenance information, and then contact the Support Center.
KAPM02304-E	An attempt to set a system environment variable has failed. error code = *aa...aa* *aa...aa*: Error code Output destinations: Destinations for output level 10.	An attempt to set a system environment variable has failed. Collect maintenance information, and then contact the Support Center.
KAPM02305-E	Attempts to set the system environment variables PDDIR and PATH have failed. error code = *aa...aa* *aa...aa*: Error code Output destinations: Destinations for output level 10.	Attempts to set the system environment variables PDDIR and PATH have failed. Collect maintenance information, and then contact the Support Center.
KAPM02306-E	An attempt to clear an HiRDB system environment variable has failed. error code = *aa...aa* *aa...aa*: Error code Output destinations: Destinations for output level 10.	An attempt to clear an HiRDB system environment variable has failed. Collect maintenance information, and then contact the Support Center.
KAPM02307-E	The application type is required, but is not set. Output destinations: Destinations for output level 10.	The application type is required, but is not set. Collect maintenance information, and then contact the Support Center.
KAPM02401-E	An attempt to read the file failed. (path = *aa...aa*) *aa...aa*: Path Output destinations: Destinations for output level 10.	An attempt to read the file failed. Confirm that a file exists in the specified location.
KAPM02500-E	Enter from *aa...aa* to *bb...bb* characters for the value. *aa...aa*: the minimum number of characters *bb...bb*: the maximum number of characters Output destinations: Destinations for output level 10, and windows.	Enter from *aa...aa* to *bb...bb* characters for the value. Enter an appropriate value according to the error message.

Error Code	Error Message	Description and Action
KAPM02501-E	The following characters can be used for the value: A-Z a-z 0-9 ! # $ % & ' ( ) * + - . = @ \ ^ _ | Output destinations: Destinations for output level 10, and windows.	The following characters can be used for the value: A-Z a-z 0-9 ! # $ % & ' ( ) * + - . = @ \ ^ _ | Enter an appropriate value according to the error message.
KAPM02502-E	Please enter a password that satisfies the following conditions: A minimum of *aa...aa* upper-case characters. A minimum of *bb...bb* lower-case characters. A minimum of *cc...cc* numerals. A minimum of *dd...dd* symbols. Different from the user ID. *aa...aa*: the minimum number of characters *bb...bb*: the minimum number of characters *cc...cc*: the minimum number of characters *dd...dd*: the minimum number of characters Output destinations: Destinations for output level 10, and windows.	Please enter a password that satisfies the following conditions: A minimum of *aa...aa* upper-case characters. A minimum of *bb...bb* lower-case characters. A minimum of *cc...cc* numerals. A minimum of *dd...dd* symbols. Different from the user ID. Enter an appropriate value according to the error message.
KAPM02503-E	A minimum of *aa...aa* upper-case characters. *aa...aa*: the minimum number of characters Output destinations: Destinations for output level 10, and windows.	A minimum of *aa...aa* upper-case characters. Enter an appropriate value according to the error message.
KAPM02504-E	A minimum of *aa...aa* lower-case characters. *aa...aa*: the minimum number of characters Output destinations: Destinations for output level 10, and windows.	A minimum of *aa...aa* lower-case characters. Enter an appropriate value according to the error message.
KAPM02505-E	A minimum of *aa...aa* numerals. *aa...aa*: the minimum number of characters Output destinations: Destinations for output level 10, and windows.	A minimum of *aa...aa* numerals. Enter an appropriate value according to the error message.
KAPM02506-E	A minimum of *aa...aa* symbols. *aa...aa*: the minimum number of characters Output destinations: Destinations for output level 10, and windows.	A minimum of *aa...aa* symbols. Enter an appropriate value according to the error message.
KAPM02507-E	Different from the user ID. Output destinations: Destinations for output level 10, and windows.	Different from the user ID. Enter an appropriate value according to the error message.
KAPM02508-E	Enter a value that is exactly *aa...aa* characters long. *aa...aa*: the maximum number of characters Output destinations: Destinations for output level 10, and windows.	Enter a value that is exactly *aa...aa* characters long. Enter an appropriate value according to the error message.

Error Code	Error Message	Description and Action
KAPM02509-E	The following characters can be used for the value: A-Z a-z 0-9 # + - . @ _ Output destinations: Destinations for output level 10, and windows.	The following characters can be used for the value: A-Z a-z 0-9 # + - . @ _ Enter an appropriate value according to the error message.
KAPM02704-W	An invalid RUAccessPoint object was created. Addition to the launch list is not performed. Name=*aa...aa*, URL=*bb...bb*, TokenVersion=*cc...cc*, IconUrl=*dd...dd*, IconMsg=*ee...ee* *aa...aa*: Name *bb...bb*: URL *cc...cc*: Token version *dd...dd*: Icon URL *ee...ee*: Icon message Output destinations: Destinations for output level 10.	An invalid RUAccessPoint object was created. Addition to the launch list is not performed.
KAPM02705-E	CIMException occurred. The processing that acquires RUAccessPoint will now be interrupted. Output destinations: Destinations for output level 10.	CIMException occurred. The processing that acquires RUAccessPoint will now be interrupted. Collect maintenance information, and then contact the Support Center.
KAPM02706-E	The URL format is failed. URL=*aa...aa* *aa...aa*: URL Output destinations: Destinations for output level 10.	The URL format is failed. Collect maintenance information, and then contact the Support Center.
KAPM02801-I	[SQL]: *aa...aa* *aa...aa*: Execution SQL statement Output destinations: Destinations for output level 10.	An SQL statement was executed. Take action according to the proceeding message.
KAPM02802-E	A HcmdsExecException occurred. Message=*aa...aa*, Reason=*bb...bb* *aa...aa*: Message *bb...bb*: Reason Output destinations: Destinations for output level 10.	A HcmdsExecException occurred. Take action according to the proceeding message.
KAPM02803-E	Option is invalid. Output destinations: Destinations for output level 10.	Option is invalid. Check the options.
KAPM02804-E	A Exception occurred. Message=*aa...aa* *aa...aa*: Message Output destinations: Destinations for output level 10.	A Exception occurred. Take action according to the proceeding message.
KAPM02805-E	[Stack Trace]:*aa...aa* *aa...aa*: Stack trace Output destinations: Destinations for output level 10.	A stack trace will be output. Take action according to the proceeding message.
KAPM02806-E	A FileNotFoundException occurred. Output destinations: Destinations for output level 10.	A FileNotFoundException occurred. Confirm that a file exists in the specified location.
KAPM02807-E	A IOException occurred. Output destinations: Destinations for output level 10.	A IOException occurred. Take action according to the proceeding message.

Error Code	Error Message	Description and Action
KAPM02809-E	A SQLException occurred. Message=*aa...aa* *aa...aa*: Message Output destinations: Destinations for output level 10.	A SQLException occurred. Take action according to the proceeding message.
KAPM02810-E	An EXECUPDATE statement failed. Execution SQL statement = *aa...aa* *aa...aa*: Execution SQL statement Output destinations: Destinations for output level 10.	An EXECUPDATE statement failed. Take action according to the proceeding message.
KAPM02811-E	A ClassNotFoundException occurred. Output destinations: Destinations for output level 10.	A ClassNotFoundException occurred. Take action according to the proceeding message.
KAPM02812-E	A SQL statement failed. Message=*aa...aa*, Reason=*bb...bb* *aa...aa*: Message *bb...bb*: Reason Output destinations: Destinations for output level 10.	A SQL statement failed. Take action according to the proceeding message.
KAPM02813-E	An EXECQUERY statement failed. Execution SQL statement = *aa...aa* *aa...aa*: Execution SQL statement Output destinations: Destinations for output level 10.	An EXECQUERY statement failed. Take action according to the proceeding message.
KAPM02814-E	A SQLException occurred. Output destinations: Destinations for output level 10.	A SQLException occurred. Take action according to the proceeding message.
KAPM02815-E	File is not found. file-name = *aa...aa* *aa...aa*: File name Output destinations: Destinations for output level 10.	File is not found. Confirm that a file exists in the specified location.
KAPM02816-I	Record No.: *aa...aa* *aa...aa*: Record number Output destinations: Destinations for output level 10.	Displays the record number.
KAPM02817-I	Column count: *aa...aa* *aa...aa*: Number of columns Output destinations: Destinations for output level 10.	Displays the number of columns.
KAPM02818-I	*aa...aa*: *bb...bb* *aa...aa*: Column name *bb...bb*: Value Output destinations: Destinations for output level 10.	Displays the column name and value.
KAPM02891-E	DB is not found. Output destinations: Destinations for output level 10.	Database is not found. Check the value of `DATABASE.path` in the configuration file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`

Error Code	Error Message	Description and Action
KAPM02892-E	User name or password is invalid. Output destinations: Destinations for output level 10.	User name or password is invalid. Check the value of `DATABASE.user` and `DATABASE.password` in the configuration file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`
KAPM02893-E	The host name is invalid. Output destinations: Destinations for output level 10.	The host name is invalid. Check the value of `DATABASE.hostname` in the configuration file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`
KAPM02894-E	No suitable driver exists. Output destinations: Destinations for output level 10.	No suitable driver exists. Check the value of `DATABASE.type` in the configuration file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`
KAPM02895-E	A connection to InterClient could not be established. Output destinations: Destinations for output level 10.	A connection to InterClient could not be established. Confirm that the InterClient service is running.
KAPM02896-E	A connection to InterBase could not be established. Output destinations: Destinations for output level 10.	A connection to InterBase could not be established. Confirm that the InterBase service is running.
KAPM02899-E	Fatal error. Output destinations: Destinations for output level 10.	Processing continuation is impossible. Collect maintenance information, and then contact the Support Center.
KAPM02901-I	[Trace]: *aa...aa* *aa...aa*: Trace message Output destinations: Destinations for output level 10.	A trace message will be output. - Read legacy record. - Order of hcmdsID change from x to 0. - Change legacy record. - Update CIMClient From 01-00 to 01-01. - Already update. - Update DB Version. - Create TNB_Classes. - Create TNB_ClassAttribute. - Drop TNB_SERVICEACCESSBYSAP. - Drop TNB_SOFTWAREFEATURESERVICEIMPL. - Drop CIMClasses. - Succeed in update DataBase.

Error Code	Error Message	Description and Action
KAPM02902-E	A ClassNotFoundException occurred. Output destinations: Destinations for output level 10.	A ClassNotFoundException occurred. Collect maintenance information, and then contact the Support Center.
KAPM02903-E	A HcmdsUpdateException occurred. Message = *aa...aa*, Reason = *bb...bb* *aa...aa*: Message *bb...bb*: Reason Output destinations: Destinations for output level 10.	A HcmdsUpdateException occurred. Collect maintenance information, and then contact the Support Center.
KAPM02904-E	An option is invalid. Output destinations: Destinations for output level 10.	An option is invalid. Collect maintenance information, and then contact the Support Center.
KAPM02905-E	An exception occurred. Message = *aa...aa* *aa...aa*: Message Output destinations: Destinations for output level 10.	An exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM02906-E	[Stack Trace]: *aa...aa* *aa...aa*: Stack trace Output destinations: Destinations for output level 10.	A stack trace is output. Collect maintenance information, and then contact the Support Center.
KAPM02907-E	A SQLException occurred. Message = *aa...aa* *aa...aa*: Message Output destinations: Destinations for output level 10.	A SQLException occurred. Collect maintenance information, and then contact the Support Center.
KAPM02910-E	A SELECT statement failed. Table name = *aa...aa* *aa...aa*: Table name Output destinations: Destinations for output level 10.	A SELECT statement failed. Collect maintenance information, and then contact the Support Center.
KAPM02911-E	An ALTER statement failed. Table name = *aa...aa* *aa...aa*: Table name Output destinations: Destinations for output level 10.	An ALTER statement failed. Collect maintenance information, and then contact the Support Center.
KAPM02912-E	A DROP statement failed. Table name = *aa...aa* *aa...aa*: Table name Output destinations: Destinations for output level 10.	A DROP statement failed. Collect maintenance information, and then contact the Support Center.
KAPM02913-E	An UPDATE statement failed. Table name = *aa...aa* *aa...aa*: Table name Output destinations: Destinations for output level 10.	An UPDATE statement failed. Collect maintenance information, and then contact the Support Center.
KAPM02914-E	An EXECUPDATE statement failed. Execution SQL statement = *aa...aa* *aa...aa*: Execution SQL statement Output destinations: Destinations for output level 10.	An EXECUPDATE statement failed. Collect maintenance information, and then contact the Support Center.
KAPM02980-I	Update CIMClient from 01-00 to 01-01. Output destinations: Destinations for output level 10.	Update CIMClient from 01-00 to 01-01.
KAPM02981-I	The database has already been updated. Output destinations: Destinations for output level 0.	The database has already been updated.
KAPM02982-I	The database was successfully updated. Output destinations: Destinations for output level 10.	The database was successfully updated.

Error Code	Error Message	Description and Action
KAPM02991-E	DB is not found. Output destinations: Destinations for output level 10.	Database is not found. Check the value of `DATABASE.path` in the configuration file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`
KAPM02992-E	User name or password is invalid. Output destinations: Destinations for output level 10.	User name or password is invalid. Check the value of `DATABASE.user` and `DATABASE.password` in the configuration file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`
KAPM02993-E	The host name is invalid. Output destinations: Destinations for output level 10.	The host name is invalid. Check the value of `DATABASE.hostname` in the configuration file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`
KAPM02994-E	No suitable driver exists. Output destinations: Destinations for output level 10.	No suitable driver exists. Check the value of `DATABASE.type` in the configuration file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`
KAPM02995-E	A connection to InterClient could not be established. Output destinations: Destinations for output level 10.	A connection to InterClient could not be established. Confirm that the InterClient service is running.
KAPM02996-E	A connection to InterBase could not be established. Output destinations: Destinations for output level 10.	A connection to InterBase could not be established. Confirm that the InterBase service is running.
KAPM02999-E	Fatal error. Output destinations: Destinations for output level 0.	Fatal error occurred. Take action according to the proceeding message.
KAPM03001-E	Illegal parameters have been specified to create HSSO Context. Output destinations: Destinations for output level 10.	Illegal parameters have been specified to create HSSO Context. Specify the correct user ID and password.
KAPM03004-E	An error occurred on the HSSO Server. Output destinations: Destinations for output level 10, and windows.	An error occurred on the HSSO server. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM03005-E	An error occurred when CIM Client was created. Output destinations: Destinations for output level 10, and windows.	An error occurred when CIM Client was created. Collect maintenance information, and then contact the Support Center.
KAPM03006-E	An unexpected error occurred. Output destinations: Destinations for output level 10.	An unexpected error occurred. Collect maintenance information, and then contact the Support Center.
KAPM03007-E	A frame-enabled browser is required. Output destinations: In window only.	A frame-enabled browser is required. Use Internet Explorer 5.5 later or Netscape 6 later.
KAPM03026-E	A CIMException was generated during Console screen display processing. Output destinations: Destinations for output level 10.	A CIMException was generated during Console screen display processing. Collect maintenance information, and then contact the Support Center.
KAPM03050-E	The parameter sent from the JP1/IM-View is invalid. Output destinations: Destinations for output level 10, and windows.	The parameter sent from the JP1/IM-View is invalid. Collect maintenance information, and then contact the Support Center.
KAPM03051-E	The Launchurl is invalid. Output destinations: Destinations for output level 10.	The Launchurl is invalid.
KAPM03052-E	The JP1user ID is invalid. Output destinations: Destinations for output level 10.	The JP1user ID is invalid.
KAPM03053-E	The JP1token is invalid. Output destinations: Destinations for output level 10.	The JP1token is invalid.
KAPM03054-E	An acquisition failure occurred in RequestDispatcher. Output destinations: Destinations for output level 10.	An acquisition failure occurred in RequestDispatcher.
KAPM03055-E	A JavaScript-enabled browser is required. Output destinations: Destinations for output level 10, and windows.	A JavaScript-enabled browser is required. Use a browser that can use JavaScript. Alternatively, change the setting of the browser to use JavaScript if the use of script is disabled.
KAPM03080-E	HSSOIllegalArgumentException:Illegal parameters have been specified to create HSSO Context. Output destinations: Destinations for output level 10.	HSSOIllegalArgumentException:Illegal parameters have been specified to create HSSO Context. Collect maintenance information, and then contact the Support Center.
KAPM03081-E	HSSONotRegisteredException: The application is not registered. Output destinations: Destinations for output level 10.	HSSONotRegisteredException: The application is not registered. Collect maintenance information, and then contact the Support Center.
KAPM03082-E	HSSOAuthenticationException: Authentication failed. Output destinations: Destinations for output level 10.	HSSOAuthenticationException: Authentication failed. Collect maintenance information, and then contact the Support Center.
KAPM03083-E	HSSOServerException: An error occurred in HSSO Server. Output destinations: Destinations for output level 10.	HSSOServerException: An error occurred in HSSO Server. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM03084-E	IOException: HSSO SERVER Connection Error. Output destinations: Destinations for output level 10.	IOException: HSSO SERVER Connection Error. Collect maintenance information, and then contact the Support Center.
KAPM03085-E	HSSOIllegalArgumentException: "createToken()" was used before authentication. Output destinations: Destinations for output level 10.	HSSOIllegalArgumentException: "createToken()" was used before authentication. Collect maintenance information, and then contact the Support Center.
KAPM03086-E	HSSOIllegalStateException: An unsupported version is specified. Output destinations: Destinations for output level 10.	HSSOIllegalStateException: An unsupported version is specified. Collect maintenance information, and then contact the Support Center.
KAPM03105-E	A CIMException was generated during menu bar display processing. Output destinations: Destinations for output level 10.	A CIMException was generated during menu bar display processing. Collect maintenance information, and then contact the Support Center.
KAPM03106-E	A CIMException was generated during subwindow display processing. Output destinations: Destinations for output level 10.	A CIMException was generated during subwindow display processing. Collect maintenance information, and then contact the Support Center.
KAPM03107-E	A CIMRepositoryException was generated during menu bar display processing. Output destinations: Destinations for output level 10.	A CIMRepositoryException was generated during menu bar display processing. Collect maintenance information, and then contact the Support Center.
KAPM03108-E	A CIMRepositoryException was generated during subwindow display processing. Output destinations: Destinations for output level 10.	A CIMRepositoryException was generated during subwindow display processing. Collect maintenance information, and then contact the Support Center.
KAPM03109-E	A CIMProviderException was generated during menu bar display processing. Output destinations: Destinations for output level 10.	A CIMProviderException was generated during menu bar display processing. Collect maintenance information, and then contact the Support Center.
KAPM03110-E	A CIMProviderException was generated during subwindow display processing. Output destinations: Destinations for output level 10.	A CIMProviderException was generated during subwindow display processing. Collect maintenance information, and then contact the Support Center.
KAPM03111-E	An exception was generated during menu bar display processing. Output destinations: Destinations for output level 10.	An exception was generated during menu bar display processing. Collect maintenance information, and then contact the Support Center.
KAPM03112-E	An exception was generated during subwindow display processing. Output destinations: Destinations for output level 10.	An exception was generated during subwindow display processing. Collect maintenance information, and then contact the Support Center.
KAPM03113-E	A NoSuchElementException was generated during menu bar display processing. Output destinations: Destinations for output level 10.	A NoSuchElementException was generated during menu bar display processing. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM03114-E	A NoSuchElementException was generated during subwindow display processing. Output destinations: Destinations for output level 10.	A NoSuchElementException was generated during subwindow display processing. Collect maintenance information, and then contact the Support Center.
KAPM03119-I	Are you sure that you want to log out? Output destinations: In window only.	Are you sure that you want to log out?
KAPM03120-I	Do you want to end the application? Output destinations: In window only.	Do you want to end the application?
KAPM03122-E	The request parameter for a launch is invalid. Output destinations: Destinations for output level 10.	The request parameter for a launch is invalid. Retry execution. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM03123-E	Could not acquire the required parameter. ParmName=*aa...aa* *aa...aa*: Parameter name Output destinations: Destinations for output level 10.	The required parameter could not be acquired. Retry execution. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM03124-E	Failed to changing of token version. Token=*aa...aa* *aa...aa*: Token Output destinations: Destinations for output level 10.	An attempt to change the token version has failed. Retry execution. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM03125-E	Failed to getting of service information. Description=*aa...aa* *aa...aa*: Description Output destinations: Destinations for output level 10.	The acquisition of the service information has failed. Retry execution. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM03304-E	An attempt to get the path string failed. Output destinations: Destinations for output level 10, and windows.	An attempt to get the path string failed. Log in again.
KAPM03354-W	A value is not set because an argument is invalid. Output destinations: Destinations for output level 10.	A value is not set because an argument is invalid.
KAPM03355-W	A value is not acquired because an argument is invalid. Output destinations: Destinations for output level 10.	A value is not acquired because an argument is invalid.
KAPM03356-W	A default is set because an argument is invalid. default = *aa...aa* *aa...aa*: Default Output destinations: Destinations for output level 10.	A default is set because an argument is invalid.
KAPM03357-E	A parameter of request is invalid. paramName = *aa...aa*, value = *bb...bb* *aa...aa*: Parameter name *bb...bb*: Value Output destinations: Destinations for output level 10.	A parameter of request is invalid. Log in again.

Error Code	Error Message	Description and Action
KAPM03358-E	The tree element is invalid. treeElement = *aa...aa* *aa...aa*: Tree element Output destinations: Destinations for output level 10.	The tree element is invalid. Log in again.
KAPM03361-E	An attempt to get the root element data has failed. Output destinations: Destinations for output level 10.	An attempt to get the root element data has failed. Collect maintenance information, and then contact the Support Center.
KAPM03362-E	An attempt to get the common repository has failed. Output destinations: Destinations for output level 10.	An attempt to get the common repository has failed. Collect maintenance information, and then contact the Support Center.
KAPM03363-E	An attempt to get the common resource has failed. Output destinations: Destinations for output level 10.	An attempt to get the common resource has failed. Collect maintenance information, and then contact the Support Center.
KAPM03364-E	The registered data in the common repository is invalid. Output destinations: Destinations for output level 10.	The registered data in the common repository is invalid. Collect maintenance information, and then contact the Support Center.
KAPM03366-E	An attempt to get the name of default view is invalid. application name = *aa...aa* *aa...aa*: Application name Output destinations: Destinations for output level 10.	An attempt to get the name of default view is invalid. Collect maintenance information, and then contact the Support Center.
KAPM03368-W	An invalid association definition exists in the repository. instance = *aa...aa* *aa...aa*: Instance Output destinations: Destinations for output level 10.	An invalid association definition exists in the repository. Collect maintenance information, and then contact the Support Center.
KAPM03370-W	A tree element relation (TNB_AssocNavigationDef) is invalid. name=*aa...aa*, associationClass=*bb...bb*, fromName=*cc...cc*, toClassName=*dd...dd*, fromRole=*ee...ee*, toRole=*ff...ff* *aa...aa*: Related name *bb...bb*: Related class name *cc...cc*: Class name of a relation place *dd...dd*: Class name of a related agency *ee...ee*: Attribute of a relation place *ff...ff*: Attribute of a related agency Output destinations: Destinations for output level 10.	A tree element relation (TNB_AssocNavigationDef) is invalid.
KAPM03371-W	A tree element relation (TNB_AllInstanceNavigationDef) is invalid. name=*aa...aa*, fromName=*bb...bb*, toClassName=*cc...cc* *aa...aa*: Related name *bb...bb*: Class name of a relation place *cc...cc*: Class name of a related Output destinations: Destinations for output level 10.	A tree element relation (TNB_AllInstanceNavigationDef) is invalid.

Error Code	Error Message	Description and Action
KAPM03375-W	An attempt to get the tree element data has failed. element = *aa...aa* *aa...aa*: Element Output destinations: Destinations for output level 10.	An attempt to get the tree element data has failed.
KAPM03377-W	A tree has not been created in the state where the specification object was opened. objectName = *aa...aa* *aa...aa*: Object name Output destinations: Destinations for output level 10.	A tree has not been created in the state where the specification object was opened.
KAPM03378-W	The specified object does not exist or is not shown in the tree. pathName = *aa...aa*, objectName = *bb...bb* *aa...aa*: Path name *bb...bb*: Object name Output destinations: Destinations for output level 10.	The specified object does not exist or is not shown in the tree.
KAPM03379-E	An attempt to create a tree from a request has failed. Output destinations: Destinations for output level 10.	An attempt to create a tree from a request has failed. Log in again.
KAPM03380-W	An active object was not found. By default, the root object will be set. Output destinations: Destinations for output level 10.	An active object was not found. By default, the root object will be set.
KAPM03381-E	An internal error occurred. If you click the Refresh button, the initial object tree will be displayed. If you cannot display the tree, log in again and then retry. Output destinations: Destinations for output level 10, and windows.	An internal error occurred. If you click the **Refresh** button, the initial object tree will be displayed. If you cannot display the tree, log in again and then retry. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM03382-E	An internal error occurred. If you click the Refresh button, the initial object tree will be displayed. If you cannot display the tree, collect maintenance information, and then contact customer support. Output destinations: Destinations for output level 10, and windows.	An internal error occurred. If you click the **Refresh** button, the initial object tree will be displayed. If you cannot display the tree, log in again and then retry. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM03383-E	An internal error has occurred. Retry the operation. If the problem still cannot be solved, log in again and then retry. Output destinations: Destinations for output level 10, and windows.	An internal error has occurred. Retry the operation. If the problem still cannot be solved, log in again and then retry. Do the following: 1. Retry the operation. 2. If the problem still cannot be solved, log in again and then retry. 3. If the problem still cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM03384-E	An internal error has occurred. Retry the operation. If the problem still cannot be solved, collect maintenance information, and then contact customer support. Output destinations: Destinations for output level 10, and windows.	An internal error has occurred. Do the following: Retry the operation. If the problem still cannot be solved, collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM03501-E	A CIM object name is not available for the selected object. Output destinations: Destinations for output level 10, and windows.	A CIM object name is not available for the selected object. Collect maintenance information, and then contact the Support Center.
KAPM03502-W	There is no default method. Output destinations: Destinations for output level 10.	There is no default method.
KAPM03503-W	The repository data is invalid, so the localization object acquisition failed. Output destinations: Destinations for output level 10.	The repository data is invalid, so the localization object acquisition failed. Collect maintenance information, and then contact the Support Center.
KAPM03504-W	A resource is not found, so the localization object acquisition failed. Output destinations: Destinations for output level 10.	A resource is not found, so the localization object acquisition failed. Collect maintenance information, and then contact the Support Center.
KAPM03505-W	The selected object is already deleted. Output destinations: Destinations for output level 10, and windows.	The selected object is already deleted. Click the **Refresh** in NavigationFrame.
KAPM03702-E	A HSSOIllegalStateException occurred during launch. Output destinations: Destinations for output level 10.	A HSSOIllegalStateException occurred during launch. Collect maintenance information, and then contact the Support Center.
KAPM03703-E	An attempt to get to the URL encoding of a token failed. token = *aa...aa* *aa...aa*: Token Output destinations: Destinations for output level 10.	An attempt to get to the URL encoding of a token failed. Collect maintenance information, and then contact the Support Center.
KAPM03708-E	A HSSOAuthenticationException was generated during user profile display processing. Output destinations: Destinations for output level 10.	A HSSOAuthenticationException was generated during user profile display processing. Collect maintenance information, and then contact the Support Center.
KAPM03709-E	A HSSOIllegalArgumentException was generated during user profile display processing. Output destinations: Destinations for output level 10.	A HSSOIllegalArgumentException was generated during user profile display processing. Collect maintenance information, and then contact the Support Center.
KAPM03710-E	A HSSOServerException was generated during user profile display processing. Output destinations: Destinations for output level 10.	A HSSOServerException was generated during user profile display processing. Collect maintenance information, and then contact the Support Center.
KAPM03712-E	An attempt to get membership groups failed. Output destinations: Destinations for output level 10.	An attempt to get membership groups failed. Collect maintenance information, and then contact the Support Center.
KAPM03716-E	The format of the URL *bb...bb* for the object *aa...aa* is invalid. *aa...aa*: Object name *bb...bb*: URL Output destinations: Destinations for output level 10.	The format of the URL *bb...bb* for the object *aa...aa* is invalid. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM03717-W	The resource *bb...bb* for object *aa...aa* cannot be accessed. *aa...aa*: Object name *bb...bb*: Resource name Output destinations: Destinations for output level 10.	The resource *bb...bb* for object *aa...aa* cannot be accessed.
KAPM03718-E	The data format of the resource *bb...bb* for the object *aa...aa* is invalid. *aa...aa*: Object name *bb...bb*: Resource name Output destinations: Destinations for output level 10.	The data format of the resource *bb...bb* for the object *aa...aa* is invalid. Collect maintenance information, and then contact the Support Center.
KAPM03721-E	The attribute *bb...bb* for object *aa...aa* is missing. *aa...aa*: Object name *bb...bb*: Value of attribute Output destinations: Destinations for output level 10.	The attribute *bb...bb* for object *aa...aa* is missing. Collect maintenance information, and then contact the Support Center.
KAPM03722-E	The resource information of *bb...bb* for object *aa...aa* is missing. *aa...aa*: Object name *bb...bb*: Related name Output destinations: Destinations for output level 10.	The resource information of *bb...bb* for object *aa...aa* is missing. Collect maintenance information, and then contact the Support Center.
KAPM03723-E	Property *cc...cc* of *bb...bb* for object *aa...aa* is missing. *aa...aa*: Object name *bb...bb*: Related name *cc...cc*: Value of attribute Output destinations: Destinations for output level 10.	Property *cc...cc* of *bb...bb* for object *aa...aa* is missing. Collect maintenance information, and then contact the Support Center.
KAPM03931-W	Your session is invalid. Logout, and then login again. Output destinations: Destinations for output level 10, and windows.	Your session is invalid. Logout, and then login again. Your session is invalid. Logout, and then login again.
KAPM03951-E	An internal server error has occurred. Output destinations: Destinations for output level 10, and windows.	An internal server error has occurred. Collect maintenance information, and then contact the Support Center.
KAPM03952-E	An attempt to get the Session has failed. Output destinations: Destinations for output level 10.	An attempt to get the Session has failed. Collect maintenance information, and then contact the Support Center.
KAPM03954-E	An attempt to get the HSSOSublect has failed. Output destinations: Destinations for output level 10.	An attempt to get the HSSOSublect has failed. Collect maintenance information, and then contact the Support Center.
KAPM03956-E	The login process has not completed properly. Output destinations: Destinations for output level 10, and windows.	The login process has not completed properly. Specify the correct user ID and password.
KAPM03957-E	An error occurred when the Common Repository was accessed. Output destinations: Destinations for output level 10, and windows.	An error occurred when the Common Repository was accessed. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM03958-E	The request type is not correct. Output destinations: Destinations for output level 10, and windows.	The request type is not correct. Collect maintenance information, and then contact the Support Center.
KAPM03960-E	An attempt to get the string from the ResourceBundle failed. Output destinations: Destinations for output level 10.	An attempt to get the string from the ResourceBundle failed. Collect maintenance information, and then contact the Support Center.
KAPM03961-E	An attempt to get the RequestDispatcher for "*aa...aa*" failed. *aa...aa*: Unexpected operation Output destinations: Destinations for output level 10, and windows.	An attempt to get the RequestDispatcher for "*aa...aa*" failed. Collect maintenance information, and then contact the Support Center.
KAPM03962-E	An attempt to get the application name has failed. Output destinations: Destinations for output level 10.	An attempt to get the application name has failed. Collect maintenance information, and then contact the Support Center.
KAPM03963-E	Authentication has failed. Output destinations: Destinations for output level 10, and windows.	Authentication has failed. Log in again. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM03964-E	An error occurred on the Single Sign On server. Output destinations: Destinations for output level 10, and windows.	An error occurred on the Single Sign On server. Do the following: 1. When using HiCommand V3.x series, make sure that the InterBase service is running. When using the HiCommand V4.x series or later, make sure that HiRDB is running. If you are using HiCommand Device Manager, make sure its services are running. Make sure that the settings and statuses of the Single Sign On server service are appropriate. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM03965-E	An error occurred on the Single Sign On server. Output destinations: Destinations for output level 10, and windows.	An error occurred on the Single Sign On server. Do the following: 1. When using HiCommand V3.x series, make sure that the InterBase service is running. If it is not running, start InterBase and log in again. If it is running, restart the Single Sign On Server, and log in again. When using the HiCommand V4.x series or later, make sure that HiRDB is running. If it is not running, start HiRDB and log in again. If it is running, restart the Single Sign On Server, and log in again. If you are using HiCommand Device Manager, make sure its services are running. Make sure that the settings and statuses of the Single Sign On Server are appropriate. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM03966-E	Communications of the Single Sign On server have failed. Output destinations: Destinations for output level 10, and windows.	Communications of the Single Sign On server have failed. An error occurred on the web server or proxy server. Do the following: 1. Make sure that the services of the Single Sign On server are running. Make sure that the settings and statuses of the Single Sign On server service are appropriate.
KAPM03967-E	Communications of the Single Sign On server have failed. Output destinations: Destinations for output level 10, and windows.	Communications of the Single Sign On server have failed. An error occurred on the web server or proxy server. Do the following: 1. Make sure that HiCommand Suite Common Web Service is running. Make sure that the settings and statuses of the Single Sign On server service are appropriate.
KAPM03968-E	The token is invalid. token=*aa...aa*. *aa...aa*: Token Output destinations: Destinations for output level 10.	The token is invalid. Log in again.
KAPM03969-E	The request is invalid.token=*aa...aa*. The name of application=*bb...bb*. *aa...aa*: Token *bb...bb*: Name of application Output destinations: Destinations for output level 10.	The request is invalid. Log in again. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM03970-E	The request is invalid.token=*aa...aa*. The name of application=*bb...bb*. *aa...aa*: Token *bb...bb*: Name of application Output destinations: Destinations for output level 10.	The request is invalid. Log in again. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM03971-E	The application is not registered. The name of application=*aa...aa*. *aa...aa*: Name of application Output destinations: Destinations for output level 10.	The application is not registered. Log in again. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM04001-I	usage start. Output destinations: Destinations for output level 10.	This message is displayed when the usage output method of the command starts.
KAPM04002-I	usage is finished. Output destinations: Destinations for output level 10.	This message is displayed when the usage output method of the command ends.
KAPM04003-I	hcmdssup start. Output destinations: Destinations for output level 10.	The `hcmdssup` command has started.
KAPM04004-I	hcmdssup is finished. Output destinations: Destinations for output level 10.	The `hcmdssup` command has stopped.
KAPM04006-W	Log initialization has failed. Output destinations: Destinations for output level 0.	The process outputting the hcmdssup log has failed. Collect maintenance information, and then contact the Support Center.
KAPM04007-E	File is not found. file-name=*aa...aa* *aa...aa*: File name Output destinations: Destinations for output level 10.	The file could not be found. Collect maintenance information, and then contact the Support Center.
KAPM04008-E	The error has occurred in file access. file-name=*aa...aa* *aa...aa*: File name Output destinations: Destinations for output level 10.	An error occurred while the `hsso.conf` file was being accessed. Collect maintenance information, and then contact the Support Center.
KAPM04009-E	*aa...aa* *aa...aa*: NumberFormat exception message Output destinations: Destinations for output level 10.	A NumberFormatException occurred during the processing of `hcmdssup`. Collect maintenance information, and then contact the Support Center.
KAPM04010-E	*aa...aa* *aa...aa*: IllegalArgument exception message Output destinations: Destinations for output level 10.	An IllegalArgumentException occurred during the processing of `hcmdssup`. Collect maintenance information, and then contact the Support Center.
KAPM04011-E	*aa...aa* *aa...aa*: NullPointerException message Output destinations: Destinations for output level 10.	A NullPointerException occurred during the creation of an object, such as a file object. Collect maintenance information, and then contact the Support Center.
KAPM04012-E	*aa...aa* *aa...aa*: IndexOutOfBounds exception message Output destinations: Destinations for output level 10.	An IndexOutOfBoundsException occurred during the processing of `hcmdssup`. Collect maintenance information, and then contact the Support Center.
KAPM04013-E	*aa...aa* *aa...aa*: SecurityException message Output destinations: Destinations for output level 10.	A SecurityException occurred while a system property was being accessed. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM04014-E	*aa...aa* *aa...aa*: Exception message Output destinations: Destinations for output level 10.	An unexpected exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM04022-E	Hostname is too long. Output destinations: Destinations for output level 10.	The host name is too long. Specify a host name less than 64 bytes.
KAPM04023-E	Portnumber is invalid. Output destinations: Destinations for output level 10.	The port number is invalid. Specify a port number from 1 to 65535.
KAPM04024-E	Portnumber is invalid. Output destinations: Destinations for output level 10.	The port number is invalid. The specified value is outside the integer range. Check the port number.
KAPM04025-I	hcmdssup has succeeded. Output destinations: Destinations for output level 0.	The `hcmdssup` was executed successfully.
KAPM04026-E	hcmdssup has failed. Output destinations: Destinations for output level 0.	`hcmdssup` has failed. Take action according to the proceeding message.
KAPM04027-E	The SSL port number is invalid. Output destinations: Destinations for output level 10, and windows.	The SSL port number is invalid. Specify a port number with a value from 1 to 65535.
KAPM04028-E	The SSL port number is invalid. Output destinations: Destinations for output level 10, and windows.	The SSL port number is invalid. The type of the port number is not an integer. Check the specified value.
KAPM04101-E	Container server name is invalid. Server= *aa...aa* *aa...aa*: Container server name Output destinations: Destinations for output level 10.	Container server name is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04102-E	Archive file is not found. file=*aa...aa* *aa...aa*: Archive file name Output destinations: Destinations for output level 10.	Archive file is not found. Collect maintenance information, and then contact the Support Center.
KAPM04103-E	Program type is invalid. type=*aa...aa* *aa...aa*: Program type Output destinations: Destinations for output level 10.	Program type is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04104-I	Starting web application registration... Output destinations: Destinations for output level 10.	Web Application registration is now starting.
KAPM04105-E	Privilege is invalid. Output destinations: Destinations for output level 0.	The user does not have sufficient permissions to execute the command. Execute the command as a user with Administrator permission.
KAPM04106-E	Cannot get tmpjavavm.properties file name. Output destinations: Destinations for output level 10.	Cannot get tmpjavavm.properties file name. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM04107-E	Failed to get service registration status. service=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 10.	Failed to get service registration status. Collect maintenance information, and then contact the Support Center.
KAPM04108-E	Cannot get javavm.properties file name. Output destinations: Destinations for output level 10.	Cannot get javavm.properties file name. Collect maintenance information, and then contact the Support Center.
KAPM04109-E	Cannot set JavaVM option. Output destinations: Destinations for output level 10.	Cannot set JavaVM option. Collect maintenance information, and then contact the Support Center.
KAPM04110-E	Cannot set Java options. Output destinations: Destinations for output level 10.	Cannot set Java options. Collect maintenance information, and then contact the Support Center.
KAPM04111-E	An attempt to check whether a program type exists in the `hcmdswebpp.ini` file has failed. Output destinations: Destinations for output level 10.	An attempt to check whether a program type exists in the `hcmdswebpp.ini` file has failed. Collect maintenance information, and then contact the Support Center.
KAPM04112-E	Cannot write `hcmdswebpp.ini` file. Output destinations: Destinations for output level 10.	Cannot write `hcmdswebpp.ini` file. Collect maintenance information, and then contact the Support Center.
KAPM04113-E	Service registration has failed. service=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 0.	Service registration has failed. Collect maintenance information, and then contact the Support Center.
KAPM04114-E	Failed to get service registration status. service=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 10.	Failed to get service registration status. Collect maintenance information, and then contact the Support Center.
KAPM04115-E	Service registration has failed. service=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 0.	Service registration has failed. Collect maintenance information, and then contact the Support Center.
KAPM04116-I	hcmdsweb registration has succeeded. Output destinations: Destinations for output level 0.	hcmdsweb registration was successful.
KAPM04117-I	Starting web application deletion... Output destinations: Destinations for output level 10.	Web application deletion is now starting.
KAPM04118-E	Program type is not registered. type=*aa...aa* *aa...aa*: Program type Output destinations: Destinations for output level 10.	Program type is not registered. Collect maintenance information, and then contact the Support Center.
KAPM04119-E	Cannot delete service and folder. Output destinations: Destinations for output level 10.	Cannot delete service and folder. Collect maintenance information, and then contact the Support Center.
KAPM04120-E	Cannot delete `hcmdswebpp.ini` file. Output destinations: Destinations for output level 10.	Cannot delete `hcmdswebpp.ini` file. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM04121-I	hcmdsweb deletion has succeeded. Output destinations: Destinations for output level 0.	hcmdsweb deletion was successful.
KAPM04122-E	Cannot get only a war file name. Output destinations: Destinations for output level 10.	Cannot get only a war file name. Collect maintenance information, and then contact the Support Center.
KAPM04123-E	Cannot get `hcmdswebpp.ini` file name. Output destinations: Destinations for output level 10.	Cannot get `hcmdswebpp.ini` file name. Collect maintenance information, and then contact the Support Center.
KAPM04124-E	Cannot get `tmphcmdswebpp.ini` file name. Output destinations: Destinations for output level 10.	Cannot get `tmphcmdswebpp.ini` file name. Collect maintenance information, and then contact the Support Center.
KAPM04125-E	Log initialization has failed. Output destinations: In window only.	Log initialization has failed. Collect maintenance information, and then contact the Support Center.
KAPM04126-E	Cannot insert new line character. Output destinations: Destinations for output level 10.	Cannot insert new line character. Collect maintenance information, and then contact the Support Center.
KAPM04127-E	An attempt to exchange `hcmdswebpp.ini` with `tmphcmdswebpp.ini` has failed. Output destinations: Destinations for output level 10.	An attempt to exchange `hcmdswebpp.ini` with `tmphcmdswebpp.ini` has failed. Collect maintenance information, and then contact the Support Center.
KAPM04128-E	`hcmdsweb` registration has failed. Output destinations: Destinations for output level 0.	`hcmdsweb` registration has failed. Take action according to the last message.
KAPM04129-E	`hcmdsweb` deletion has failed. Output destinations: Destinations for output level 0.	`hcmdsweb` deletion has failed. Take action according to the last message.
KAPM04130-E	Cannot read `hcmdswebpp.ini` file. Output destinations: Destinations for output level 10.	Cannot read `hcmdswebpp.ini` file. Collect maintenance information, and then contact the Support Center.
KAPM04131-E	OpenSCManager command error. Output destinations: Destinations for output level 10.	`OpenSCManager` command error. Collect maintenance information, and then contact the Support Center.
KAPM04132-E	Access is denied. Output destinations: Destinations for output level 10.	Access is denied. Collect maintenance information, and then contact the Support Center.
KAPM04133-E	The parameter is incorrect. Output destinations: Destinations for output level 10.	The parameter is incorrect. Collect maintenance information, and then contact the Support Center.
KAPM04134-E	The database specified does not exist. Output destinations: Destinations for output level 10.	The database specified does not exist. Collect maintenance information, and then contact the Support Center.
KAPM04135-E	An unexpected error occurred. Error code = *aa...aa* *aa...aa*: Error code Output destinations: Destinations for output level 10.	An unexpected error occurred. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM04136-E	RegOpenKeyEx command error.ErrorCode(*aa...aa*) *aa...aa*: Error code Output destinations: Destinations for output level 10.	RegOpenKeyEx command error. Collect maintenance information, and then contact the Support Center.
KAPM04137-E	A duplicate name exists on the network. Output destinations: Destinations for output level 10.	A duplicate name exists on the network. Collect maintenance information, and then contact the Support Center.
KAPM04138-E	The filename, directory name, or volume label syntax is incorrect. Output destinations: Destinations for output level 10.	The filename, directory name, or volume label syntax is incorrect. Collect maintenance information, and then contact the Support Center.
KAPM04139-E	The account name is invalid or does not exist. Output destinations: Destinations for output level 10.	The account name is invalid or does not exist. Collect maintenance information, and then contact the Support Center.
KAPM04140-E	Circular service dependency was specified. Output destinations: Destinations for output level 10.	Circular service dependency was specified. Collect maintenance information, and then contact the Support Center.
KAPM04141-E	Service already exists. service=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 10.	Service already exists. Collect maintenance information, and then contact the Support Center.
KAPM04142-E	The handle is invalid. Output destinations: Destinations for output level 10.	The handle is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04143-E	The specified service has been marked for deletion. Output destinations: Destinations for output level 10.	The specified service has been marked for deletion. Collect maintenance information, and then contact the Support Center.
KAPM04144-E	CreateService command error. code=*aa...aa* *aa...aa*: Error code Output destinations: Destinations for output level 10.	`CreateService` command error. Collect maintenance information, and then contact the Support Center.
KAPM04145-E	DeleteService command error. code=*aa...aa* *aa...aa*: Error code Output destinations: Destinations for output level 10.	`DeleteService` command error. Collect maintenance information, and then contact the Support Center.
KAPM04146-E	OpenService command error. code=*aa...aa* *aa...aa*: Error code Output destinations: Destinations for output level 10.	`OpenService` command error. Collect maintenance information, and then contact the Support Center.
KAPM04147-E	The specified service does not exist as an installed service. Output destinations: Destinations for output level 10.	The specified service does not exist as an installed service. Collect maintenance information, and then contact the Support Center.
KAPM04148-E	RegQueryValueEx command error. code=*aa...aa* *aa...aa*: Error code Output destinations: Destinations for output level 10.	`RegQueryValueEx` command error. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM04149-E	The error has occurred in *aa...aa* command. code=*bb...bb* *aa...aa*: Command *bb...bb*: Error code Output destinations: Destinations for output level 10.	The error has occurred in *aa...aa* command. Collect maintenance information, and then contact the Support Center.
KAPM04150-E	The directory cannot be removed. directory=*aa...aa* *aa...aa*: Directory name Output destinations: Destinations for output level 10.	The directory cannot be removed. Collect maintenance information, and then contact the Support Center.
KAPM04151-E	The directory is not empty. directory=*aa...aa* *aa...aa*: Directory name Output destinations: Destinations for output level 10.	The directory is not empty. Collect maintenance information, and then contact the Support Center.
KAPM04152-E	The directory name is invalid. directory=*aa...aa* *aa...aa*: Directory name Output destinations: Destinations for output level 10.	The directory name is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04153-E	QueryServiceStatus command error. code=*aa...aa* *aa...aa*: Error code Output destinations: Destinations for output level 10.	`QueryServiceStatus` command error. Collect maintenance information, and then contact the Support Center.
KAPM04154-E	Failed to get installation directory. Output destinations: Destinations for output level 10.	Failed to get installation directory. Collect maintenance information, and then contact the Support Center.
KAPM04155-E	Failed to get Service name. service=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 10.	Failed to get Service name. Collect maintenance information, and then contact the Support Center.
KAPM04156-E	Service is running. service=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 10, and windows.	Service is running. Stop the service, and then execute the command again.
KAPM04157-E	Failed to get service status. service=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 10.	Failed to get service status. Collect maintenance information, and then contact the Support Center.
KAPM04158-E	File is not found. file=*aa...aa* *aa...aa*: File name Output destinations: Destinations for output level 10.	File is not found. Collect maintenance information, and then contact the Support Center.
KAPM04159-E	Failed to delete specified file. file=*aa...aa* *aa...aa*: File name Output destinations: Destinations for output level 10.	Failed to delete specified file. Collect maintenance information, and then contact the Support Center.
KAPM04160-E	Failed to rename *aa...aa* to *bb...bb*. *aa...aa*: Original file name *bb...bb*: New file name Output destinations: Destinations for output level 10.	Failed to rename *aa...aa* to *bb...bb*. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM04161-E	Privilege is invalid to access *aa...aa* file. *aa...aa*: File name Output destinations: Destinations for output level 10.	Permission to access the file is insufficient. Collect maintenance information, and then contact the Support Center.
KAPM04162-E	Failed to copy from *aa...aa* to *bb...bb*. *aa...aa*: Name of the source file *bb...bb*: Name of the destination file Output destinations: Destinations for output level 10.	Failed to copy from *aa...aa* to *bb...bb*. Collect maintenance information, and then contact the Support Center.
KAPM04163-E	Failed to delete service. service=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 0.	Failed to delete service. Collect maintenance information, and then contact the Support Center.
KAPM04164-W	Failed to delete the war file. file=*aa...aa* *aa...aa*: War file name Output destinations: Destinations for output level 10.	Failed to delete the war file. Collect maintenance information, and then contact the Support Center.
KAPM04165-W	Failed to delete the folder. folder=*aa...aa* *aa...aa*: Folder name Output destinations: Destinations for output level 10.	Failed to delete the folder. Collect maintenance information, and then contact the Support Center.
KAPM04166-E	Failed to delete service. service=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 0.	Failed to delete service. Collect maintenance information, and then contact the Support Center.
KAPM04167-E	Failed to get service folder. service-folder=*aa...aa* *aa...aa*: Service folder name Output destinations: Destinations for output level 10.	Failed to get service folder. Collect maintenance information, and then contact the Support Center.
KAPM04168-W	Failed to delete service folder. service-folder=*aa...aa* *aa...aa*: Service folder name Output destinations: Destinations for output level 10.	Failed to delete service folder. Collect maintenance information, and then contact the Support Center.
KAPM04169-E	File is not found. file=*aa...aa* *aa...aa*: File name Output destinations: Destinations for output level 10.	File is not found. Collect maintenance information, and then contact the Support Center.
KAPM04172-E	Failed to write usrconf.properties to installation information. Output destinations: Destinations for output level 10.	Failed to write `usrconf.properties` to installation information. Collect maintenance information, and then contact the Support Center.
KAPM04173-E	Failed to read usrconf.properties file. Output destinations: Destinations for output level 10.	Failed to read `usrconf.properties` file. Collect maintenance information, and then contact the Support Center.
KAPM04174-E	Failed to exchange usrconf.properties to tmpusrconf.properties. Output destinations: Destinations for output level 10.	Failed to exchange `usrconf.properties` to `tmpusrconf.properties`. Collect maintenance information, and then contact the Support Center.
KAPM04175-E	Failed to create directory. directory=*aa...aa* *aa...aa*: Directory name Output destinations: Destinations for output level 10.	Failed to create directory. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM04176-E	Failed to get the war file name. file=*aa...aa* *aa...aa*: File name Output destinations: Destinations for output level 10.	Failed to get the war file name. Collect maintenance information, and then contact the Support Center.
KAPM04177-E	Failed to read javavm.properties file. Output destinations: Destinations for output level 10.	Failed to read javavm.properties file. Collect maintenance information, and then contact the Support Center.
KAPM04178-E	An attempt to exchange `javavm.properties` with `tmpjavavm.properties` has failed. Output destinations: Destinations for output level 10.	An attempt to exchange javavm.properties with tmpjavavm.properties has failed. Collect maintenance information, and then contact the Support Center.
KAPM04197-I	Service registration has succeeded. service=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 0.	The service was successfully registered.
KAPM04198-I	Service registration has succeeded. service=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 0.	The service was successfully registered.
KAPM04202-I	Service deletion has succeeded. service=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 0.	The service was successfully deleted.
KAPM04205-E	Memory alloc error. code=*aa...aa* *aa...aa*: Error code Output destinations: Destinations for output level 0.	Memory alloc error. Collect maintenance information, and then contact the Support Center.
KAPM04206-E	The system cannot find the file specified. Output destinations: Destinations for output level 10.	The system cannot find the file specified. Collect maintenance information, and then contact the Support Center.
KAPM04207-E	The system cannot find the path specified. Output destinations: Destinations for output level 10.	The system cannot find the path specified. Collect maintenance information, and then contact the Support Center.
KAPM04208-E	The system cannot open the file. Output destinations: Destinations for output level 10.	The system cannot open the file. Collect maintenance information, and then contact the Support Center.
KAPM04209-E	The process cannot access the file because it is being used by another process. Output destinations: Destinations for output level 10.	The process cannot access the file because it is being used by another process. Collect maintenance information, and then contact the Support Center.
KAPM04211-E	Failed to get tmpusrconf.properties file name. Output destinations: Destinations for output level 10.	Failed to get tmpusrconf.properties file name. Collect maintenance information, and then contact the Support Center.
KAPM04212-E	Failed to get usrconf.properties file name. Output destinations: Destinations for output level 10.	Failed to get usrconf.properties file name. Collect maintenance information, and then contact the Support Center.
KAPM04213-E	ExtractionWarFolderPath function error. Output destinations: Destinations for output level 10.	ExtractionWarFolderPath function error. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM04214-E	Failed to get web-users.xml file name. Output destinations: Destinations for output level 10.	Failed to get web-users.xml file name. Collect maintenance information, and then contact the Support Center.
KAPM04215-E	Failed to get template usrconf.properties file name. Output destinations: Destinations for output level 10.	Failed to get template usrconf.properties file name. Collect maintenance information, and then contact the Support Center.
KAPM04216-E	Failed to get template web-users.xml file name. Output destinations: Destinations for output level 10.	Failed to get template web-users.xml file name. Collect maintenance information, and then contact the Support Center.
KAPM04217-E	Failed to get template javavm.properties file name. Output destinations: Destinations for output level 10.	Failed to get template javavm.properties file name. Collect maintenance information, and then contact the Support Center.
KAPM04218-E	Failed to get Display name. Output destinations: Destinations for output level 10.	Failed to get Display name. Collect maintenance information, and then contact the Support Center.
KAPM04219-E	Failed to load `hntr2t.dll`. code=*aa...aa* *aa...aa*: Error code Output destinations: Destinations for output level 10.	Failed to load hntr2t.dll. Collect maintenance information, and then contact the Support Center.
KAPM04220-E	The `file` option is invalid. Output destinations: Destinations for output level 10.	The `file` option is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04221-E	The `type` option is invalid. Output destinations: Destinations for output level 10.	The `type` option is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04222-E	The `server` option is invalid. Output destinations: Destinations for output level 10.	The `server` option is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04223-E	The `classpath` option is invalid. Output destinations: Destinations for output level 10.	The `classpath` option is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04224-E	The `librarypath` option is invalid. Output destinations: Destinations for output level 10.	The `librarypath` option is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04225-E	The `javaoption` option is invalid. Output destinations: Destinations for output level 10.	The `javaoption` option is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04226-E	The `Xms` option is invalid. Output destinations: Destinations for output level 10.	The `Xms` option is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04227-E	The `Xmx` option is invalid. Output destinations: Destinations for output level 10.	The `Xmx` option is invalid. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM04228-E	`RegCreateKeyEx` command error. code=*aa...aa* *aa...aa*: Error code Output destinations: Destinations for output level 10.	`RegCreateKeyEx` command error. Collect maintenance information, and then contact the Support Center.
KAPM04229-E	`RegSetValueEx` command error. code=*aa...aa* *aa...aa*: Error code Output destinations: Destinations for output level 10.	`RegSetValueEx` command error. Collect maintenance information, and then contact the Support Center.
KAPM04230-I	Service deletion has succeeded. service=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 0.	Service deletion has succeeded.
KAPM04231-E	Failed to read usrconf.properties file. Output destinations: Destinations for output level 10.	Failed to read usrconf.properties file. Collect maintenance information, and then contact the Support Center.
KAPM04232-E	An attempt to register the program type in the registry failed. program type = *aa...aa* *aa...aa*: Program type Output destinations: Destinations for output level 10.	An attempt to register the program type in the registry failed. Collect maintenance information, and then contact the Support Center.
KAPM04233-E	An attempt to delete the program type in the registry failed. program type = *aa...aa* *aa...aa*: Program type Output destinations: Destinations for output level 10.	An attempt to delete the program type in the registry failed. Collect maintenance information, and then contact the Support Center.
KAPM04234-E	Failed to remake service. Output destinations: Destinations for output level 10.	Failed to remake service. Collect maintenance information, and then contact the Support Center.
KAPM04235-E	The minimum heap size has exceeded the maximum heap size. Output destinations: Destinations for output level 10.	The minimum heap size has exceeded the maximum heap size. Collect maintenance information, and then contact the Support Center.
KAPM04236-E	The minimum heap size has exceeded the already set up maximum heap size. Output destinations: Destinations for output level 10.	The minimum heap size has exceeded the already set up maximum heap size. Collect maintenance information, and then contact the Support Center.
KAPM04237-E	The service name exceeds 256 characters. Output destinations: Destinations for output level 0.	The service name exceeds 256 characters. Collect maintenance information, and then contact the Support Center.
KAPM04238-E	The service registration is not possible because the service name exceeds 256 characters. Output destinations: Destinations for output level 10.	The service registration is not possible because the service name exceeds 256 characters. Collect maintenance information, and then contact the Support Center.
KAPM04239-E	An attempt to get the service control manager execution file path failed. Output destinations: Destinations for output level 10.	An attempt to get the service control manager execution file path failed. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM04240-E	An error occurred when the environment settings folder was created. Output destinations: Destinations for output level 10.	An error occurred when the environment settings folder was created. Collect maintenance information, and then contact the Support Center.
KAPM04241-E	An error occurred when the environment settings file was set. Output destinations: Destinations for output level 10.	An error occurred when the environment settings file was set. Collect maintenance information, and then contact the Support Center.
KAPM04242-E	An error occurred when the web application archive file was expanded. Output destinations: Destinations for output level 10.	An error occurred when the web application archive file was expanded. Collect maintenance information, and then contact the Support Center.
KAPM04243-E	An error occurred when a directory expanded with the web application archive file was deleted. Output destinations: Destinations for output level 10.	An error occurred when a directory expanded with the web application archive file was deleted. Collect maintenance information, and then contact the Support Center.
KAPM04244-E	An error occurred when registering and updating the web server. Output destinations: Destinations for output level 10.	An error occurred when registering and updating the web server. If you are using Windows, close the Services window (in the Control Panel), and then re-install. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM04245-E	An error occurred when registering and updating Tomcat. Output destinations: Destinations for output level 10.	An error occurred when registering and updating Tomcat. If you are using Windows, close the Services window (in the Control Panel), and then re-install. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM04246-E	An error occurred when the usrconf.properties file was merged. Output destinations: Destinations for output level 10.	An error occurred when the usrconf.properties file was merged. Collect maintenance information, and then contact the Support Center.
KAPM04247-E	An attempt to acquire the number of file lines has failed. Output destinations: Destinations for output level 10.	An attempt to acquire the number of file lines has failed. Collect maintenance information, and then contact the Support Center.
KAPM04248-E	An attempt to create Map information has failed. Output destinations: Destinations for output level 10.	An attempt to create Map information has failed. Collect maintenance information, and then contact the Support Center.
KAPM04249-E	An attempt to read data from a file has failed. Output destinations: Destinations for output level 10.	An attempt to read data from a file has failed. Collect maintenance information, and then contact the Support Center.
KAPM04250-E	An attempt to set the javaVM debug option has failed. Output destinations: Destinations for output level 10.	An attempt to set the JavaVM debug option has failed. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM04251-E	The `jvmoption` option is invalid. Output destinations: Destinations for output level 10.	The `jvmoption` option is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04252-E	An error occurred in an internal function. (call function = *aa...aa*, use function = *bb...bb*, note = *cc...cc*, error code = *dd...dd*) *aa...aa*: Call function *bb...bb*: Use function *cc...cc*: Note *dd...dd*: Error code Output destinations: Destinations for output level 10.	An error occurred in an internal function. Collect maintenance information, and then contact the Support Center.
KAPM04253-E	A memory allocation error occurred. (call function = *aa...aa*, use function = *bb...bb*, note = *cc...cc*, error code = *dd...dd*) *aa...aa*: Call function *bb...bb*: Use function *cc...cc*: Note *dd...dd*: Error code Output destinations: Destinations for output level 10.	A memory allocation error occurred. Collect maintenance information, and then contact the Support Center.
KAPM04254-E	An attempt to acquire the daemon shell name has failed. Output destinations: Destinations for output level 10.	An attempt to acquire the daemon shell name has failed. Collect maintenance information, and then contact the Support Center.
KAPM04255-E	An attempt to write service registration information to the version file has failed. Output destinations: Destinations for output level 10.	An attempt to write service registration information to the version file has failed. Collect maintenance information, and then contact the Support Center.
KAPM04256-E	An attempt to delete service registration information from the version file has failed. Output destinations: Destinations for output level 10.	An attempt to delete service registration information from the version file has failed. Collect maintenance information, and then contact the Support Center.
KAPM04257-E	An attempt to start the hcmdssrv command has failed. Output destinations: Destinations for output level 10.	An attempt to start the hcmdssrv command has failed. Collect maintenance information, and then contact the Support Center.
KAPM04258-E	An error occurred during execution of the hcmdssrv command. Output destinations: Destinations for output level 10.	An error occurred during execution of the hcmdssrv command. Collect maintenance information, and then contact the Support Center.
KAPM04259-E	An attempt to create the boot shell has failed. Output destinations: Destinations for output level 10.	An attempt to create the boot shell has failed. Collect maintenance information, and then contact the Support Center.
KAPM04260-E	The startup mode of the service is invalid. (start mode = *aa...aa*) *aa...aa*: Start mode Output destinations: Destinations for output level 10.	The startup mode of the service is invalid. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM04261-E	The `starttype` option is invalid. Output destinations: Destinations for output level 10.	The `starttype` option is invalid. Confirm the specification of the `starttype` option.
KAPM04262-E	An attempt to create the usrconf.cfg file has failed. Output destinations: Destinations for output level 10.	An attempt to create the usrconf.cfg file has failed. Collect maintenance information, and then contact the Support Center.
KAPM04263-E	An attempt to deploy the compiled JSP file has failed. Output destinations: Destinations for output level 10.	An attempt to deploy the compiled JSP file has failed. Collect maintenance information, and then contact the Support Center.
KAPM04264-E	A path was not found for the Web application folder. (folder path = *aa...aa*) *aa...aa*: Folder path Output destinations: Destinations for output level 10, and windows.	A path was not found for the Web application folder. Collect maintenance information, and then contact the Support Center.
KAPM04265-E	A path was not found for the compiled JSP storage folder. (folder path = *aa...aa*) *aa...aa*: Folder path Output destinations: Destinations for output level 10, and windows.	A path was not found for the compiled JSP storage folder. Collect maintenance information, and then contact the Support Center.
KAPM04266-E	The contents of the directory are invalid. (Directory path = *aa...aa*) *aa...aa*: Directory path Output destinations: Destinations for output level 10, and windows.	The contents of the directory are invalid. Collect maintenance information, and then contact the Support Center.
KAPM04267-W	An attempt to delete the hwc directory has failed. (Directory path = *aa...aa*) *aa...aa*: Directory path Output destinations: Destinations for output level 10, and windows.	An attempt to delete the hwc directory has failed.
KAPM04271-E	An attempt to update the web application version has failed. Output destinations: Destinations for output level 10.	An attempt to update the web application version has failed. Collect maintenance information, and then contact the Support Center.
KAPM04272-E	Failed to delete specified directory. Directory = *aa...aa* *aa...aa*: Directory Output destinations: Destinations for output level 10.	Failed to delete specified directory. See the message KAPMxxxxx-W.
KAPM04273-W	An attempt to execute the *aa...aa* function has failed. (error code = *bb...bb*, description = *cc...cc*) *aa...aa*: Function name *bb...bb*: Error code *cc...cc*: Error description Output destinations: Destinations for output level 10.	This message is displayed if an attempt to add a service description has failed. The service explanation was not added. It will be added the next time the `hcmdsweb` command is executed.

Error Code	Error Message	Description and Action
KAPM04274-E	An attempt to load the DLL has failed. Output destinations: Destinations for output level 10.	This message is displayed if an attempt to load the DLL has failed. Collect maintenance information, and then contact the Support Center.
KAPM04275-E	An attempt to acquire the function address in the DLL has failed. Output destinations: Destinations for output level 10.	This message is displayed if an attempt to acquire the function address in the DLL has failed. Collect maintenance information, and then contact the Support Center.
KAPM04276-E	The file does not exist. (file name = *aa...aa*) *aa...aa*: File name Output destinations: Destinations for output level 10.	This message is displayed if the file does not exist. Collect maintenance information, and then contact the Support Center.
KAPM04279-E	An attempt to add a service description has failed. Output destinations: Destinations for output level 10.	This message is displayed if an attempt to add a service description has failed. Take the appropriate action based on the preceding message.
KAPM04280-E	A memory allocation error occurred. Output destinations: Destinations for output level 10.	This message is displayed if a memory allocation error has occurred. Please see the message that follows.
KAPM04281-E	The specified service is not registered. Output destinations: Destinations for output level 10.	This message is displayed if the specified service is not registered. Please see the message that follows.
KAPM04282-E	An attempt to acquire the installation directory has failed. Output destinations: Destinations for output level 10.	This message is displayed if an attempt to acquire the path of the HiCommand Suite Common Component installation folder has failed. Please see the message that follows.
KAPM04283-E	The name of the specified service is invalid. Output destinations: Destinations for output level 10.	This message is displayed if the specified service name is invalid. Please see the message that follows.
KAPM04284-E	An attempt to access the service explanation definition file has failed. Output destinations: Destinations for output level 10.	This message is displayed if an attempt to access the service explanation definition file has failed. Please see the message that follows.
KAPM04285-E	The service explanation definition file is invalid. Output destinations: Destinations for output level 10.	This message is displayed if the service explanation definition file is invalid. Please see the message that follows.
KAPM04286-E	An attempt to change a service configuration parameter has failed. Output destinations: Destinations for output level 10.	This message is displayed if an attempt to change a service configuration parameter has failed. Please see the message that follows.
KAPM04287-E	An attempt to connect the service control manager has failed. Output destinations: Destinations for output level 10.	This message is displayed if an attempt to connect the service control manager has failed. Please see the message that follows.
KAPM04288-E	An attempt to open the service handle has failed. Output destinations: Destinations for output level 10.	This message is displayed if an attempt to open the service handle has failed. Please see the message that follows.

Error Code	Error Message	Description and Action
KAPM04289-E	An attempt to access the service explanation definition file has failed. Output destinations: Destinations for output level 10.	This message is displayed if an attempt to access the service explanation definition file has failed. Please see the message that follows.
KAPM04290-E	The service name was not specified. Output destinations: Destinations for output level 10.	This message is displayed if the service name is not specified. Please see the message that follows.
KAPM04291-I	Registration of the *aa...aa* Web application will now start. *aa...aa*: Product name Output destinations: Destinations for output level 10.	Web application registration is now starting.
KAPM04292-I	Deletion of the *aa...aa* Web application will now start. *aa...aa*: Product name Output destinations: Destinations for output level 10.	Web application deletion is now starting.
KAPM04300-I	Uninstallation of *aa...aa* has started. *aa...aa*: Product name Output destinations: Destinations for output level 10.	Uninstallation of *aa...aa* has started.
KAPM04301-I	[All processing has finished.] Output destinations: Destinations for output level 10.	All processing has finished.
KAPM04302-I	Uninstallation was successful. Output destinations: Destinations for output level 10.	Uninstallation was successful.
KAPM04303-I	All of the services for *aa...aa* have been deleted. *aa...aa*: Product name Output destinations: Destinations for output level 10.	All of the services for *aa...aa* have been deleted.
KAPM04304-I	Restart the machine, and then execute the program again. Output destinations: Destinations for output level 10, and windows.	Restart the machine, and then execute the program again.
KAPM04305-E	Uninstallation has failed. Output destinations: Destinations for output level 10, and windows.	Uninstallation has failed. Manually perform the deletion.
KAPM04306-I	Uninstallation was successful. Restart the machine. Output destinations: Destinations for output level 10, and windows.	Uninstallation was successful. Restart the machine.
KAPM04307-E	"*aa...aa*" has not stopped. Stop the service, and then try again. *aa...aa*: Service name Output destinations: Destinations for output level 10, and windows.	*aa...aa* has not stopped. Stop the service, and then try again.
KAPM04311-E	An attempt to acquire an installation path for *aa...aa* has failed. Manually delete the installation directory. *aa...aa*: Product name Output destinations: Destinations for output level 10, and windows.	An attempt to acquire an installation path for *aa...aa* has failed. Manually delete the installation directory.

Error Code	Error Message	Description and Action
KAPM04312-E	An attempt to acquire registry information has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to acquire registry information has failed.
KAPM04313-E	An attempt to acquire the registry information has failed. Manually delete the registry information. Output destinations: Destinations for output level 10, and windows.	An attempt to acquire the registry information has failed. Manually delete the registry information.
KAPM04314-E	Some files remained. Manually delete them. Output destinations: Destinations for output level 10, and windows.	Some files remained. Manually delete them.
KAPM04315-W	All the files for *aa...aa* will now be deleted. Is this OK? *aa...aa*: Product name Output destinations: Destinations for output level 10, and windows.	All the files for *aa...aa* will now be deleted. Is this OK?
KAPM04316-W	Are you sure you want to delete all of the files? Output destinations: Destinations for output level 10, and windows.	Are you sure you want to delete all of the files?
KAPM04317-I	Uninstallation was interrupted. Output destinations: Destinations for output level 10, and windows.	Uninstallation was interrupted.
KAPM04318-I	The OS setting information was successfully deleted. Output destinations: Destinations for output level 10, and windows.	The OS setting information was successfully deleted.
KAPM04319-E	An attempt to delete the OS setting information has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to delete the OS setting information has failed. manually perform the deletion.
KAPM04320-W	The resident process "*aa...aa*" has not stopped. *aa...aa*: Process name Output destinations: Destinations for output level 10, and windows.	The resident process *aa...aa* has not stopped.
KAPM04321-I	The OS settings information will now be deleted to stop the resident process. Output destinations: Destinations for output level 10, and windows.	The OS settings information will now be deleted to stop the resident process.
KAPM04378-E	DOMException: *aa...aa* *aa...aa*: Exception message Output destinations: Destinations for output level 0.	A DOMException has occurred. Collect maintenance information, and then contact the Support Center.
KAPM04379-E	RuntimeException occurred. *aa...aa* *aa...aa*: Exception message Output destinations: Destinations for output level 0.	A RuntimeException has occurred. Collect maintenance information, and then contact the Support Center.
KAPM04380-E	MalformedURLException occurred. *aa...aa* *aa...aa*: Exception message Output destinations: Destinations for output level 0.	A MalformedURLException has occurred. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM04381-E	IllegalDataException occurred. Output destinations: Destinations for output level 10.	An IllegalDataException has occurred. Collect maintenance information, and then contact the Support Center.
KAPM04382-E	IllegalOptionException occurred. Output destinations: Destinations for output level 10.	An IllegalOptionException has occurred. Specify a valid option to execute the command.
KAPM04383-E	IOException occurred. *aa...aa* *aa...aa*: Exception message Output destinations: Destinations for output level 0.	An IOException has occurred. Collect maintenance information, and then contact the Support Center.
KAPM04384-E	SAXException occurred. *aa...aa* *aa...aa*: Exception message Output destinations: Destinations for output level 0.	A SAXException has occurred. Collect maintenance information, and then contact the Support Center.
KAPM04385-E	HttpProtocolException occurred. *aa...aa* *aa...aa*: Exception message Output destinations: Destinations for output level 0.	An HttpProtocolException has occurred. Collect maintenance information, and then contact the Support Center.
KAPM04386-E	ServerNotStartException occurred. Output destinations: Destinations for output level 10.	A ServerNotStartException has occurred. Confirm that HiCommand Device Manager, HiCommand Suite Common Web Service, and HiCommand Suite Single Sign On Service are running, and that the port numbers used by these services are correct.
KAPM04389-E	Exception occurred. *aa...aa* *aa...aa*: Exception message Output destinations: Destinations for output level 0.	An Exception has occurred. Collect maintenance information, and then contact the Support Center.
KAPM04401-I	Initializing servlet. Output destinations: Destinations for output level 10.	Servlet initialization has started.
KAPM04405-E	Can't read DTD file. Output destinations: Destinations for output level 0.	An attempt to read the DTD file has failed. Windows : Copy the file `hcmdsrepClient.dtd` and `hcmdsrepServer.dtd` from *HiCommand Suite Common Component installation-folder*`\sample\conf` to *HiCommand Suite Common Component installation-folder*`\conf` Solaris or Linux : Copy the file `hcmdsrepClient.dtd` and `hcmdsrepServer.dtd` from `/opt/HiCommand/Base/sample/conf` to `/opt/HiCommand/Base/conf`
KAPM04411-I	HTTP:POST from *aa...aa* *aa...aa*: IP address Output destinations: Destinations for output level 10.	The IP address of the requesting client.

Error Code	Error Message	Description and Action
KAPM04421-E	The error has occurred in Repository process. Output destinations: Destinations for output level 0.	The error has occurred in Repository process. When using HiCommand V3.x series, make sure that InterBase or InterClient is running. If the problem cannot be solved, contact the Support Center. When using the HiCommand V4.x series or later, make sure that HiRDB is running. If the problem cannot be solved, contact the Support Center.
KAPM04422-E	The illegal data has detected in Server process. Output destinations: Destinations for output level 0.	The illegal data has detected during server process. Collect maintenance information, and then contact the Support Center.
KAPM04423-E	The error has occurred in Server process. Output destinations: Destinations for output level 0.	An error occurred during server processing. Collect maintenance information, and then contact the Support Center.
KAPM04426-E	The version is incorrect. Version *aa...aa* is required. *aa...aa*: Versions supported by the server Output destinations: Destinations for output level 0.	The client version is not 1.0. Collect maintenance information, and then contact the Support Center.
KAPM04429-E	An error occurred during server processing. Output destinations: Destinations for output level 0.	An error occurred during server processing. Collect maintenance information, and then contact the Support Center.
KAPM04440-E	Token has timed out. Output destinations: Destinations for output level 0.	Token has timed out. Execute hcmdsrep again.
KAPM04446-I	Starting information registration... Output destinations: Destinations for output level 10.	Repository registration is now starting.
KAPM04455-W	*aa...aa* has already registered in Repository. *aa...aa*: Value specified by the type option and the displayname option Output destinations: Destinations for output level 10.	*aa...aa* was already registered in the repository. Specify a different combination of the `type` option and the `displayname` option to execute `hcmdsrep`.
KAPM04463-W	*aa...aa* is not found in Repository. *aa...aa*: Value specified by the type option and the displayname option Output destinations: Destinations for output level 10.	*aa...aa* was not found in the repository. Specify registered information to execute `hcmdsrep`.
KAPM04464-E	*aa...aa* is associated with more than one ServiceAccessPoint Instances. *aa...aa*: Value specified by the type option and the displayname option Output destinations: Destinations for output level 10.	*aa...aa* is associated with more than one ServiceAccessPoint Instance. The database may be broken. Collect maintenance information, and then contact the Support Center.
KAPM04465-I	Starting information deletion... Output destinations: Destinations for output level 10.	Deletion of product information from the repository is now starting.
KAPM04468-W	*aa...aa* is not found in Repository. *aa...aa*: Value specified by the type option and the displayname option Output destinations: Destinations for output level 10.	*aa...aa* was not found in the repository. Specify a valid program type to execute `hcmdsrep`.

Error Code	Error Message	Description and Action
KAPM04472-I	Starting information display... Output destinations: Destinations for output level 10.	Acquisition of display information from the repository is now starting.
KAPM04475-W	No results were found in Repository. Output destinations: Destinations for output level 10.	No results were found in Repository.
KAPM04480-E	Type name is too Long. Output destinations: Destinations for output level 0.	Type name is too Long. The database may be broken. Collect maintenance information, and then contact the Support Center.
KAPM04481-E	Type or URL is not set. Output destinations: Destinations for output level 0.	Type or URL is not set. The database may be broken. Collect maintenance information, and then contact the Support Center.
KAPM04499-E	Detail of exception: *aa...aa* *aa...aa*: Contents of the exception Output destinations: Destinations for output level 10.	Detail of exception.
KAPM04510-E	Option is invalid. option= *aa...aa* *aa...aa*: Option Output destinations: Destinations for output level 10.	An option is invalid. Specify a valid option.
KAPM04511-E	Option is invalid. option= *aa...aa* *aa...aa*: Option Output destinations: Destinations for output level 10.	
KAPM04512-E	Option is invalid. option= *aa...aa* *aa...aa*: Option Output destinations: Destinations for output level 10.	
KAPM04513-E	Option value is invalid. option-value=*aa...aa* *aa...aa*: Option value Output destinations: Destinations for output level 10.	An option value is invalid. Specify a valid option.
KAPM04514-E	Following Option is not supported: *aa...aa* *aa...aa*: Option Output destinations: Destinations for output level 10.	An option is invalid. Specify a valid option.
KAPM04515-E	Option is invalid. option= *aa...aa* *aa...aa*: Option Output destinations: Destinations for output level 10, and windows.	
KAPM04516-E	Option is invalid. option= *aa...aa* *aa...aa*: Option Output destinations: Destinations for output level 10, and windows.	
KAPM04517-E	Option is invalid. Output destinations: Destinations for output level 10, and windows.	Option is invalid. Specify a valid option.

Error Code	Error Message	Description and Action
KAPM04518-E	Option is invalid. Output destinations: Destinations for output level 10, and windows.	Option is invalid. Specify a valid option.
KAPM04519-E	Option is invalid. Output destinations: Destinations for output level 10, and windows.	
KAPM04520-E	Option is invalid. Output destinations: Destinations for output level 10, and windows.	
KAPM04521-E	Option is invalid. Output destinations: Destinations for output level 10, and windows.	
KAPM04522-E	Invalid Group or Role. Output destinations: Destinations for output level 10, and windows.	Invalid Group or Role. Specify the name and password of a user who belongs to the GROUP "Global" and ROLE "Admin".
KAPM04523-E	Username or password is invalid. Output destinations: Destinations for output level 10, and windows.	Username or password is invalid. Specify a user name and password registered in HiCommand Device Manager.
KAPM04524-E	Failed to connect to HiCommand Suite Single Sign On Service. Output destinations: Destinations for output level 0.	Failed to connect to HiCommand Suite Single Sign On Service. Confirm that HiCommand Suite Single Sign On Service is running.
KAPM04525-E	Failed to connect to HiCommand Device Manager. Output destinations: Destinations for output level 0.	Failed to connect to HiCommand Device Manager. Confirm that the HiCommand Device Manager service is running.
KAPM04526-E	HSSOException occured. *aa...aa* *aa...aa*: Exception message Output destinations: Destinations for output level 0.	An HSSOException has occurred. Collect maintenance information, and then contact the Support Center.
KAPM04527-E	FileNotFoundException occured. *aa...aa* *aa...aa*: File path name Output destinations: Destinations for output level 0.	A FileNotFoundException has occurred. Windows : Copy the file `hcmdsrepClient.dtd` and `hcmdsrepServer.dtd` from *HiCommand Suite Common Component installation-folder*`\sample\conf` to *HiCommand Suite Common Component installation-folder*`\conf` Solaris or Linux : Copy the file `hcmdsrepClient.dtd` and `hcmdsrepServer.dtd` from `/opt/HiCommand/Base/sample/conf` to `/opt/HiCommand/Base/conf`
KAPM04528-E	IOException occured. *aa...aa* *aa...aa*: Exception message Output destinations: Destinations for output level 0.	An IOException has occurred. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM04529-E	Option needs value. option=*aa...aa* *aa...aa*: Option Output destinations: Destinations for output level 10.	An option requires a value. Specify a value for the option.
KAPM04553-E	IOException occurred. *aa...aa* *aa...aa*: Exception message Output destinations: Destinations for output level 0.	An IOException has occurred. Collect maintenance information, and then contact the Support Center.
KAPM04554-E	Not support tag type detected. Output destinations: Destinations for output level 0.	An unsupported tag type was detected. Collect maintenance information, and then contact the Support Center.
KAPM04555-E	Value is too long. Output destinations: Destinations for output level 10, and windows.	The value is too long. Enter a string that does not exceed the character limit.
KAPM04556-E	Failed to connect to HiCommand Suite Common Web Service. Output destinations: Destinations for output level 0.	HiCommand Suite Common Web Service could not be connected. Confirm that HiCommand Suite Common Web Service is running.
KAPM04557-E	A single sign-on server exception has occurred. Output destinations: Destinations for output level 0.	A single sign-on server exception has occurred. Confirm that the HiCommandServer is running. Confirm that the used database is running. If the problem cannot be solved, contact the Support Center.
KAPM04558-E	An invalid role was detected. Output destinations: Destinations for output level 10.	An invalid role was detected. Specify a user belonging to the group "Admin" or "Peer" and the user's password.
KAPM04560-I	`hcmdsrep` add has succeeded. *aa...aa* *aa...aa*: Program type Output destinations: In window only.	`hcmdsrep` add has succeeded.
KAPM04561-I	`hcmdsrep` delete has succeeded. *aa...aa* *aa...aa*: Program type Output destinations: In window only.	`hcmdsrep` delete has succeeded.
KAPM04562-E	`hcmdsrep` add has failed. *aa...aa* *aa...aa*: Program type Output destinations: In window only.	`hcmdsrep` add has failed. See the message output prior to receiving this message.
KAPM04563-E	`hcmdsrep` delete has failed. *aa...aa* *aa...aa*: Program type Output destinations: In window only.	`hcmdsrep` delete has failed. See the message output prior to receiving this message.
KAPM04601-E	Command format is invalid. Output destinations: Destinations for output level 10.	The command format is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04602-E	Command format is invalid. invalid-param=*aa...aa* *aa...aa*: Invalid parameter Output destinations: Destinations for output level 10.	

Error Code	Error Message	Description and Action
KAPM04603-E	File is not found. file-name=*aa...aa* *aa...aa*: File name Output destinations: Destinations for output level 10, and windows.	The file could not be found. Collect maintenance information, and then contact the Support Center.
KAPM04604-E	Directory is not found. directory-name=*aa...aa* *aa...aa*: Directory name Output destinations: Destinations for output level 10.	The directory could not be found. Collect maintenance information, and then contact the Support Center.
KAPM04605-E	Bundle PP Name is invalid. name=*aa...aa* *aa...aa*: Invalid value Output destinations: Destinations for output level 10.	The value of the type option is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04606-E	Web Container server is invalid. name=*aa...aa* *aa...aa*: Invalid value Output destinations: Destinations for output level 10.	The value of the server option is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04608-I	Setup completed successfully. Output destinations: Destinations for output level 10.	Setup completed successfully.
KAPM04609-E	Failed to create file. file-name=*aa...aa* *aa...aa*: File name Output destinations: Destinations for output level 10.	An attempt to create a file has failed. Collect maintenance information, and then contact the Support Center.
KAPM04613-I	Delete completed successfully. Output destinations: Destinations for output level 10.	Delete completed successfully.
KAPM04614-E	Failed to setup server. Output destinations: Destinations for output level 10.	An attempt to set up the server has failed. Collect maintenance information, and then contact the Support Center.
KAPM04615-E	Failed to delete server. Output destinations: Destinations for output level 10.	An attempt to delete the server has failed. Collect maintenance information, and then contact the Support Center.
KAPM04616-E	Server is running. pid=*aa...aa* *aa...aa*: Process ID Output destinations: Destinations for output level 10.	The server is running. Collect maintenance information, and then contact the Support Center.
KAPM04702-E	The option(s) specified is insufficient. Output destinations: Destinations for output level 10, and windows.	The option(s) specified is insufficient. Collect maintenance information, and then contact the Support Center.
KAPM04703-E	The option value specified is invalid. Output destinations: Destinations for output level 10, and windows.	The option value specified is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04705-E	The option "*aa...aa*" is not supported. *aa...aa*: Option Output destinations: Destinations for output level 10, and windows.	The option "*aa...aa*" is not supported. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM04706-E	The option "*aa...aa*" appears 2 times or more. *aa...aa*: Option Output destinations: Destinations for output level 10, and windows.	The option "*aa...aa*" appears 2 times or more. Collect maintenance information, and then contact the Support Center.
KAPM04707-E	The combination of options is invalid. Output destinations: Destinations for output level 10, and windows.	The combination of options is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04710-E	An exception occurred. Output destinations: Destinations for output level 0, and windows.	An exception occurred. See the following message KAPM49001-E for details. Collect maintenance information, and then contact the Support Center.
KAPM04711-E	The file "*aa...aa*" could not be read. *aa...aa*: File name Output destinations: Destinations for output level 10, and windows.	The file "*aa...aa*" could not be read. Collect maintenance information, and then contact the Support Center.
KAPM04713-E	The input XML contains a grammar mistake. Output destinations: Destinations for output level 0, and windows.	The input XML contains a grammar mistake. Collect maintenance information, and then contact the Support Center.
KAPM04714-E	Failed to connect to HBase Storage Mgmt Common Service. Output destinations: Destinations for output level 0, and windows.	Failed to connect to HBase Storage Mgmt Common Service. Confirm that HBase Storage Mgmt Common Service is running.
KAPM04715-E	Failed to connect to HBase Storage Mgmt Web Service. Output destinations: Destinations for output level 0, and windows.	Failed to connect to HBase Storage Mgmt Web Service. Confirm that the HBase Storage Mgmt Web Service has started. If the HBase Storage Mgmt Web Service has started, confirm that the hostname in hsso.conf is correct. Windows : *HiCommand Suite Common Component installation-folder*`\conf\hsso.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/hsso.conf`
KAPM04716-E	Failed to connect to the host specified in hsso.conf. Output destinations: Destinations for output level 0, and windows.	Failed to connect to the host specified in hsso.conf. Confirm that the host name in hsso.conf is correct. Windows : *HiCommand Suite Common Component installation-folder*`\conf\hsso.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/hsso.conf`
KAPM04717-E	An invalid URL was detected. (*aa...aa*) *aa...aa*: URL Output destinations: Destinations for output level 0, and windows.	An invalid URL was detected. Confirm that the URL is correct.

Error Code	Error Message	Description and Action
KAPM04718-E	The server returned an empty response. Output destinations: Destinations for output level 0, and windows.	The server returned an empty response. Collect maintenance information, and then contact the Support Center.
KAPM04719-E	An unsupported element type was detected in the XML. Output destinations: Destinations for output level 0, and windows.	An unsupported element type was detected in the XML. Collect maintenance information, and then contact the Support Center.
KAPM04722-W	*aa...aa* error(s) were detected in the response. *aa...aa*: Number of errors Output destinations: Destinations for output level 10.	*aa...aa* error(s) were detected in the response. Collect maintenance information, and then contact the Support Center.
KAPM04723-E	Invalid error information was detected. Output destinations: Destinations for output level 0.	Invalid error information was detected. Collect maintenance information, and then contact the Support Center.
KAPM04724-E	Invalid server information was detected. Output destinations: Destinations for output level 0.	Invalid server information was detected. Collect maintenance information, and then contact the Support Center.
KAPM04800-E	Authentication information is insufficient. Output destinations: Destinations for output level 0, and windows.	Authentication information is insufficient. Use a SOAP Client that send Authentication information.
KAPM04801-E	Authentication has failed. Output destinations: Destinations for output level 0, and windows.	Authentication has failed to authenticate the specified user id or password. See the following message KAPM49001-E for details. Collect maintenance information, and then contact the Support Center.
KAPM04802-E	A single sign-on server communication exception has occurred. Output destinations: Destinations for output level 0, and windows.	Communication between a single sign-on client and the server has failed. See the following message KAPM49001-E for details. Collect maintenance information, and then contact the Support Center.
KAPM04803-E	A single sign-on server exception has occurred. Output destinations: Destinations for output level 0, and windows.	A single sign-on server exception has occurred. See the following message KAPM49001-E for details. When using HiCommand V3.x series, confirm that InterServer/InterBase or HiCommand Device Manager is running. If the problem cannot be solved, collect maintenance information, and then contact the Support Center. When using the HiCommand V4.x series or later, make sure that HiRDB or HiCommand Device Manager are running. If the problem cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM04805-E	An XML parser exception occurred. Output destinations: Destinations for output level 0, and windows.	An XML parser exception occurred. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM04806-E	The received XML element *aa...aa* contains an unexpected value *cc...cc* for attribute *bb...bb*. The expected value is *dd...dd*. TARGET=*ee...ee* *aa...aa*: XML tag name including unexpected value *bb...bb*: Name of attribute unexpected value is set *cc...cc*: Unexpected value of attribute *dd...dd*: Value of attribute the server expects *ee...ee*: Information for processing Output destinations: Destinations for output level 0, and windows.	The received XML element *aa...aa* contains an unexpected value *cc...cc* for attribute *bb...bb*. The expected value is *dd...dd*. Collect maintenance information, and then contact the Support Center.
KAPM04807-E	The XML element *aa...aa* is not allowed as a child of element *bb...bb*. TARGET=*cc...cc* *aa...aa*: Tag name of unexpected element *bb...bb*: Tag name of element including unexpected element *cc...cc*: Information for processing Output destinations: Destinations for output level 0, and windows.	The XML element *aa...aa* is not allowed as a child of element *bb...bb*. Collect maintenance information, and then contact the Support Center.
KAPM04808-W	The received XML attribute *aa...aa* is not allowed as an attribute of *bb...bb*. TARGET=*cc...cc* *aa...aa*: Unexpected attribute name *bb...bb*: Tag name of element including unexpected attribute *cc...cc*: Information for processing Output destinations: Destinations for output level 0, and windows.	The XML attribute *aa...aa* is not allowed as an attribute of *bb...bb*. Collect maintenance information, and then contact the Support Center.
KAPM04809-E	Message catalog information is insufficient for the log message. TARGET=*aa...aa* *aa...aa*: Information for processing Output destinations: Destinations for output level 0, and windows.	Message catalog information is insufficient for the log message. Collect maintenance information, and then contact the Support Center.
KAPM04810-E	A CIM Repository exception occurred. TARGET=*aa...aa* *aa...aa*: Information for processing Output destinations: Destinations for output level 0, and windows.	A CIM Repository exception occurred. See the following message KAPM49001-E for details. Collect maintenance information, and then contact the Support Center.
KAPM04812-E	Failed to connect to HiCommand Device Manager. Output destinations: Destinations for output level 0, and windows.	Failed to connect to HiCommand Device Manager. Confirm that the service is running and check the value of HDVM.host in the init.conf file.
KAPM04813-E	An exception occurred. TARGET=*aa...aa* *aa...aa*: Information for processing Output destinations: Destinations for output level 0, and windows.	An exception occurred. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM04814-W	The CIM datatype *aa...aa* is invalid for *bb...bb*; it will be handled as a string type. *aa...aa*: Specified CIM data type name *bb...bb*: Attribute name Specified CIM data type is specified Output destinations: Destinations for output level 0.	The CIM datatype *aa...aa* is invalid for *bb...bb*; it will be handled as a string type. Specify a supported data type.
KAPM04815-E	This operation *aa...aa* is unknown. TARGET= *bb...bb* *aa...aa*: Unexpected operation *bb...bb*: Information for processing Output destinations: Destinations for output level 0, and windows.	This operation *aa...aa* is unknown. Collect maintenance information, and then contact the Support Center.
KAPM04816-E	INSTANCENAME cannot be used for the set operation. TARGET=*aa...aa* *aa...aa*: Information for processing Output destinations: Destinations for output level 0, and windows.	INSTANCENAME cannot be used for the set operation. Collect maintenance information, and then contact the Support Center.
KAPM04817-E	The CIM operation *aa...aa* is missing required argument *bb...bb*. TARGET=*cc...cc* *aa...aa*: CIM operation name *bb...bb*: Essential parameter name *cc...cc*: Information for processing Output destinations: Destinations for output level 0, and windows.	The CIM operation *aa...aa* is missing a required argument *bb...bb*. Collect maintenance information, and then contact the Support Center.
KAPM04818-I	Starting CIM access... Method = *aa...aa* *aa...aa*: Name of the method of the repository API Output destinations: Destinations for output level 10.	CIM access is starting.
KAPM04819-I	Ending CIM access... Output destinations: Destinations for output level 10.	Ending CIM access.
KAPM04820-I	Receiving a request... Output destinations: Destinations for output level 10.	Receiving a SOAP request.
KAPM04821-I	Replying to the request... Output destinations: Destinations for output level 10.	Replying to the SOAP request.
KAPM04826-I	The instance has been updated. TARGET=*aa...aa* *aa...aa*: Information for processing Output destinations: In window only.	The instance has been updated by the set operation.
KAPM04827-I	A new instance has been created. TARGET=*aa...aa* *aa...aa*: Information for processing Output destinations: In window only.	A new instance has been created by the set operation.
KAPM04828-I	The class is empty. TARGET=*aa...aa* *aa...aa*: Information for processing Output destinations: In window only.	The result of the enumerate operation shows the class is empty.

Error Code	Error Message	Description and Action
KAPM04829-I	The instance could not be found. TARGET=*aa...aa* *aa...aa*: Information for processing Output destinations: In window only.	The instance could not be found.
KAPM04830-I	The instance was deleted. TARGET=*aa...aa* *aa...aa*: Information for processing Output destinations: In window only.	The instance was deleted.
KAPM04832-E	The input data *aa...aa* is not valid for data type *bb...bb*. TARGET=*cc...cc* *aa...aa*: Input data value *bb...bb*: Input data type *cc...cc*: Information for processing Output destinations: Destinations for output level 0, and windows.	The input data *aa...aa* is not valid for data type *bb...bb*. See the following message KAPM49001-E for details. Collect maintenance information, and then contact the Support Center.
KAPM04833-E	The received XML element *bb...bb* is missing a required attribute *aa...aa*. TARGET=*cc...cc* *aa...aa*: Required attribute name *bb...bb*: XML tag name which contains attribute of *aa...aa* *cc...cc*: Information for processing Output destinations: Destinations for output level 0, and windows.	The received XML element *bb...bb* is missing a required attribute *aa...aa*. Collect maintenance information, and then contact the Support Center.
KAPM04834-E	The received XML element *bb...bb* is missing a required child element *aa...aa*. TARGET=*cc...cc* *aa...aa*: XML tag name of the required element *bb...bb*: XML tag name of the parent element *cc...cc*: Information for processing Output destinations: Destinations for output level 0, and windows.	The received XML element *bb...bb* is missing a required child element *aa...aa*. Collect maintenance information, and then contact the Support Center.
KAPM04835-W	The received XML element *bb...bb* has no child element *aa...aa*. TARGET=*cc...cc* *aa...aa*: Required tag name *bb...bb*: Tag name of parent element *cc...cc*: Information for processing Output destinations: Destinations for output level 0, and windows.	The received XML element *bb...bb* has no child element *aa...aa*. Specify the *bb...bb* element for the *aa...aa* element in the XML file.
KAPM04836-E	The received XML element *aa...aa* with attribute *bb...bb*=*cc...cc* is duplicated. TARGET=*dd...dd* *aa...aa*: Duplicated tag name of XML element *bb...bb*: Attribute name *cc...cc*: Attribute value *dd...dd*: Information for processing Output destinations: Destinations for output level 0, and windows.	The received XML element *aa...aa* with attribute *bb...bb*=*cc...cc* is duplicated. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM04837-E	The XML element *aa...aa* as child of element *bb...bb* is duplicated. TARGET=*cc...cc* *aa...aa*: Duplicated tag name of XML element *bb...bb*: Tag name of parent element *cc...cc*: Information for processing Output destinations: Destinations for output level 0, and windows.	The XML element *aa...aa* as child of element *bb...bb* is duplicated. Collect maintenance information, and then contact the Support Center.
KAPM04838-I	The class has been created. TARGET=*aa...aa* *aa...aa*: Information for processing Output destinations: In window only.	The class has been created.
KAPM04839-I	The class already exist. TARGET=*aa...aa* *aa...aa*: Information for processing Output destinations: Destinations for output level 10, and windows.	The class already exists.
KAPM04840-I	The class could not be found. TARGET=*aa...aa* *aa...aa*: Information for processing Output destinations: Destinations for output level 10, and windows.	The class could not be found.
KAPM04841-I	The class was deleted. TARGET=*aa...aa* *aa...aa*: Information for processing Output destinations: In window only.	The class was deleted.
KAPM04842-E	The class *aa...aa* of the instance is invalid. TARGET=*aa...aa* *aa...aa*: Information for processing Output destinations: Destinations for output level 10, and windows.	The class *aa...aa* of the instance is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04901-E	The parameter is invalid. Output destinations: Destinations for output level 0.	The parameter is invalid. Set the valid parameter.
KAPM04902-E	A fatal error occurred. Output destinations: Destinations for output level 0.	A fatal error occurred. Collect maintenance information, and then contact the Support Center.
KAPM04905-E	An attempt to open the file failed. Path = *aa...aa* *aa...aa*: File path name Output destinations: Destinations for output level 0.	An attempt to open the file failed. Confirm that a file exists in the specified location or does not in use.
KAPM04906-I	The alias for *aa...aa* was set. *aa...aa*: Program product name Output destinations: Destinations for output level 10.	The alias for *aa...aa* was set.
KAPM04907-I	The alias for *aa...aa* was overwritten. *aa...aa*: Program product name Output destinations: Destinations for output level 10.	The alias for *aa...aa* was overwritten.
KAPM04908-I	The alias for *aa...aa* was deleted. *aa...aa*: Program product name Output destinations: Destinations for output level 10.	The alias for *aa...aa* was deleted.

Error Code	Error Message	Description and Action
KAPM04909-E	The alias for *aa...aa* does not exist. *aa...aa*: Program product name Output destinations: Destinations for output level 0.	The alias for *aa...aa* does not exist.
KAPM04933-E	An option is invalid. Output destinations: Destinations for output level 10.	An option is invalid.
KAPM04950-I	PrintWriter was created. path = "*aa...aa*", file = "*bb...bb*" *aa...aa*: Path of file *bb...bb* *bb...bb*: File name Output destinations: Destinations for output level 10.	PrintWriter was created.
KAPM04951-I	BufferedReader was created. path = "*aa...aa*", file = "*bb...bb*" *aa...aa*: Path of file *bb...bb* *bb...bb*: File name Output destinations: Destinations for output level 10.	BufferedReader was created.
KAPM04952-E	The file was not found. path = "*aa...aa*", file = "*bb...bb*" *aa...aa*: Path of file *bb...bb* *bb...bb*: File name Output destinations: Destinations for output level 0.	The file was not found. Collect maintenance information, and then contact the Support Center.
KAPM04953-I	PrintWriter has closed. Output destinations: Destinations for output level 10.	PrintWriter has closed.
KAPM04954-W	PrintWriter cannot be closed. PrintWriter is null. Output destinations: Destinations for output level 10.	PrintWriter cannot be closed. PrintWriter is null.
KAPM04955-I	BufferedReader has closed. Output destinations: Destinations for output level 10.	BufferedReader has closed.
KAPM04956-W	BufferedReader cannot be closed. BufferedReader is null. Output destinations: Destinations for output level 10.	BufferedReader cannot be closed. BufferedReader is null.
KAPM04957-E	The specified application command is not registered. application name = "*aa...aa*" *aa...aa*: Specified application name Output destinations: Destinations for output level 10.	The specified application command is not registered.
KAPM04958-E	The specified application command is already registered. application name = "*aa...aa*" *aa...aa*: Specified application name Output destinations: Destinations for output level 10.	The specified application command is already registered.
KAPM04959-I	*aa...aa* has been added to the file. *aa...aa*: Application name Output destinations: Destinations for output level 10.	*aa...aa* has been added to the file.

Error Code	Error Message	Description and Action
KAPM04960-I	*aa...aa* has been removed from the file. *aa...aa*: Application name Output destinations: Destinations for output level 10.	*aa...aa* has been removed from the file.
KAPM04970-I	Processing ended normally. Output destinations: Destinations for output level 10, and windows.	Processing ended normally.
KAPM04971-E	The specified command is already registered. Output destinations: Destinations for output level 10, and windows.	The specified command is already registered.
KAPM04972-E	The specified command is not registered. Output destinations: Destinations for output level 10, and windows.	The specified command is not registered.
KAPM04973-E	An option is invalid. Output destinations: Destinations for output level 10, and windows.	An option is invalid. Collect maintenance information, and then contact the Support Center.
KAPM04974-E	An unexpected error occurred. Output destinations: Destinations for output level 0, and windows.	An unexpected error occurred. Collect maintenance information, and then contact the Support Center.
KAPM04975-E	The type of OS is unknown. Output destinations: Destinations for output level 10.	The type of OS is unknown. Collect maintenance information, and then contact the Support Center.
KAPM04976-E	IllegalOptionException occurred. Description = "*aa...aa*" *aa...aa*: Error details Output destinations: Destinations for output level 10.	IllegalOptionException occurred. Collect maintenance information, and then contact the Support Center.
KAPM04977-E	InconsistencyException occurred. Description = "*aa...aa*" *aa...aa*: Error details Output destinations: Destinations for output level 10.	InconsistencyException occurred. Collect maintenance information, and then contact the Support Center.
KAPM05001-I	`hcmdssrv` was entered. Output destinations: Destinations for output level 10.	The `hcmdssrv` command was entered.
KAPM05002-E	Command format is invalid. Output destinations: Destinations for output level 0.	The option is invalid. Collect maintenance information, and then contact the Support Center.
KAPM05003-E	Option is invalid. option=*aa...aa* *aa...aa*: Invalid option Output destinations: Destinations for output level 0.	
KAPM05004-E	Server name is invalid. server-name=*aa...aa* *aa...aa*: Server name Output destinations: Destinations for output level 0.	The server name is invalid. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM05005-E	The Win32API has failed. API name=*aa...aa*, error code=*bb...bb* *aa...aa*: Name of the WIN32API *bb...bb*: Results of GetLastError() Output destinations: Destinations for output level 0.	An error has occurred in WIN32API. Collect maintenance information, and then contact the Support Center.
KAPM05006-E	Failed to start service. service-name=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 0.	An attempt to start the service has failed. Collect maintenance information, and then contact the Support Center.
KAPM05007-I	Already started service. service-name=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 10.	The service is already running.
KAPM05008-E	Failed to stop service. service-name=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 0.	An attempt to stop the service has failed. Collect maintenance information, and then contact the Support Center.
KAPM05009-I	Already stopped service. service-name=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 10.	The service is already stopped.
KAPM05010-E	Failed to query service. service-name=*aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 0.	An attempt to query the service status has failed. Collect maintenance information, and then contact the Support Center.
KAPM05011-E	Failed to control service. Output destinations: Destinations for output level 0.	An attempt to control the service has failed. Collect maintenance information, and then contact the Support Center.
KAPM05012-E	Failed to access registry. maintenance-code=*aa...aa* *aa...aa*: Maintenance code Output destinations: Destinations for output level 0.	An attempt to access the registry has failed. Collect maintenance information, and then contact the Support Center.
KAPM05013-W	Failed to read init.conf. maintenance-code=*aa...aa* *aa...aa*: Maintenance code Output destinations: Destinations for output level 10.	An attempt to read init.conf has failed. Collect maintenance information, and then contact the Support Center.
KAPM05014-W	Failed to initialize trace. api-name=*aa...aa*,reason=*bb...bb* *aa...aa*: Log trace API name *bb...bb*: Maintenance code Output destinations: Destinations for output level 10.	An attempt to initialize the trace has failed. Collect maintenance information, and then contact the Support Center.
KAPM05015-E	An internal function has failed. Function name=*aa...aa*, error code=*bb...bb* *aa...aa*: Internal function name *bb...bb*: Maintenance code Output destinations: Destinations for output level 0.	An internal function has failed. Take action according to the proceeding message.

Error Code	Error Message	Description and Action
KAPM05016-I	Succeeded in starting of service. service-name=*aa...aa* *aa...aa*: Service name Output destinations: In window only.	A request to start the service was accepted.
KAPM05017-I	Succeeded in stopping of service. service-name=*aa...aa* *aa...aa*: Service name Output destinations: In window only.	A request to stop the service was accepted.
KAPM05018-E	A system call has failed. API name=*aa...aa*, error code=*bb...bb* *aa...aa*: System call name *bb...bb*: Maintenance code Output destinations: Destinations for output level 0.	A system call has failed. Collect maintenance information, and then contact the Support Center.
KAPM05019-W	Definition is invalid. name=*aa...aa* *aa...aa*: Definition value name Output destinations: Destinations for output level 10.	The definition is invalid. Collect maintenance information, and then contact the Support Center.
KAPM05020-E	Failed to open file. maintenance-code=*aa...aa* *aa...aa*: Maintenance code Output destinations: Destinations for output level 0.	An attempt to open the file has failed. Collect maintenance information, and then contact the Support Center.
KAPM05021-E	Service does not exist. Output destinations: Destinations for output level 0.	The service does not exist. Collect maintenance information, and then contact the Support Center.
KAPM05022-W	Service does not exist. Output destinations: Destinations for output level 10.	
KAPM05023-E	Could not find executable file. file-name=*aa...aa* *aa...aa*: Executable file Output destinations: Destinations for output level 0.	Could not find executable file. Collect maintenance information, and then contact the Support Center.
KAPM05024-W	Failed to initialize trace. Reason=*aa...aa* *aa...aa*: Reason Output destinations: Destinations for output level 10.	Failed to initialize trace. Processing is continued without a trace.
KAPM05026-E	An attempt to change the start type has failed. service-name = *aa...aa* *aa...aa*: Service name Output destinations: Destinations for output level 10.	An attempt to change the start type has failed. Collect maintenance information, and then contact the Support Center.
KAPM05027-E	An attempt to start the DBMS service has failed. Output destinations: Destinations for output level 10.	An attempt to start the DBMS service has failed. Refer to details to the hcmdsdbsrv log.
KAPM05028-E	An attempt to stop the DBMS service has failed. Output desitantions: Destinations for output level 10.	An attempt to stop the DBMS service has failed. Refer to details to the hcmdsdbsrv.log.
KAPM05029-E	An attempt to acquire the status of the DBMS service has failed. Output destinations: Destinations for output level 10.	An attempt to acquire the status of the DBMS service has failed. Refer to details to the hcmdsdbsrv log.

Error Code	Error Message	Description and Action
KAPM05201-E	The memory is insufficient.(*aa...aa*) *aa...aa*: Variable name Output destinations: Destinations for output level 0.	The memory is insufficient. Collect maintenance information, and then contact the Support Center.
KAPM05202-E	The number of options is insufficient. Output destinations: Destinations for output level 0.	The number of options is insufficient. Collect maintenance information, and then contact the Support Center.
KAPM05203-E	There is no value following the option. Output destinations: Destinations for output level 0.	An option has been specified without a value. Collect maintenance information, and then contact the Support Center.
KAPM05204-E	Option is invalid. Output destinations: Destinations for output level 0.	An option contains an error. Collect maintenance information, and then contact the Support Center.
KAPM05205-E	There is only a value though there is no option. Output destinations: Destinations for output level 0.	Only a value is specified for arguments, and not the corresponding option. Collect maintenance information, and then contact the Support Center.
KAPM05206-E	The error occurred in dispatcher. Output destinations: Destinations for output level 0.	An error occurred in the dispatcher. Collect maintenance information, and then contact the Support Center.
KAPM05207-E	The error occurred in the registration of the service controller. Output destinations: Destinations for output level 0.	An error occurred in the registration of the service controller. Collect maintenance information, and then contact the Support Center.
KAPM05208-E	The error occurred in the HandlerRoutine. Output destinations: Destinations for output level 0.	An error occurred during list addition of the process's handler function. Collect maintenance information, and then contact the Support Center.
KAPM05209-I	The service_stop_thread is started. Output destinations: Destinations for output level 10.	A service stop request thread was opened. Collect maintenance information, and then contact the Support Center.
KAPM05210-E	The error occurred in the service_stop_thread. Output destinations: Destinations for output level 0.	An error occurred in the service stop request thread. Collect maintenance information, and then contact the Support Center.
KAPM05211-E	The error occurred in the Report Status. Output destinations: Destinations for output level 0.	An attempt to report progress to the service control manager has failed. Collect maintenance information, and then contact the Support Center.
KAPM05212-E	The error occurred in create JavaVM. Output destinations: Destinations for output level 0.	An error occurred while generating the JavaVM. Collect maintenance information, and then contact the Support Center.
KAPM05213-E	Failed to set processing of JavaVM. Output destinations: Destinations for output level 0.	An attempt to set up the JavaVM has failed. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM05214-I	*aa...aa* started. *aa...aa*: Service name Output destinations: Destinations for output level 0.	The service has started.
KAPM05215-I	*aa...aa* stopped. *aa...aa*: Service name Output destinations: Destinations for output level 0.	The service has stopped.
KAPM05216-E	The error occurred in the start of service. Output destinations: Destinations for output level 0.	An attempt to start the service has failed. Collect maintenance information, and then contact the Support Center.
KAPM05217-E	Failed to get to the option definition file value. Output destinations: Destinations for output level 0.	An attempt to get the value of the option definition file has failed. Collect maintenance information, and then contact the Support Center.
KAPM05218-E	Failed to change the current directory. Output destinations: Destinations for output level 0.	An attempt to change the current directory has failed. Collect maintenance information, and then contact the Support Center.
KAPM05219-E	Failed to create JavaVM. Output destinations: Destinations for output level 0.	An attempt to create the JavaVM has failed. Collect maintenance information, and then contact the Support Center.
KAPM05220-E	Failed to connect to JavaVM. Output destinations: Destinations for output level 0.	An attempt to connect to the JavaVM has failed. Collect maintenance information, and then contact the Support Center.
KAPM05221-E	The class is not found. Output destinations: Destinations for output level 0.	The class was not found. Collect maintenance information, and then contact the Support Center.
KAPM05222-E	The method is not found. Output destinations: Destinations for output level 0.	The method was not found. Collect maintenance information, and then contact the Support Center.
KAPM05223-E	The error occurred in the Getinstpath.(*aa...aa*) *aa...aa*: Registry key or registry path Output destinations: Destinations for output level 0.	An error occurred while acquiring a key or path from the registry. Collect maintenance information, and then contact the Support Center.
KAPM05224-E	The error occurred in the LoadLibrary. Output destinations: Destinations for output level 0.	An attempt to load the DLL has failed. Collect maintenance information, and then contact the Support Center.
KAPM05225-E	The error occurred in the GetProcAddress. Output destinations: Destinations for output level 0.	An attempt to get the function address in the DLL has failed. Collect maintenance information, and then contact the Support Center.
KAPM05226-E	The error occurred in the AllocConsole. Output destinations: Destinations for output level 0.	An error occurred while allocating a new console to a process. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM05227-E	The error occurred in the DeleteFile. Output destinations: Destinations for output level 0.	An error occurred while deleting a file. Collect maintenance information, and then contact the Support Center.
KAPM05228-E	The error occurred in the GenerateConsoleCtrlEvent. Output destinations: Destinations for output level 0.	An error occurred while sending the specified signal to the console process group. Collect maintenance information, and then contact the Support Center.
KAPM05229-E	An attempt to execute the command to start the Web container server has failed. Output destinations: Destinations for output level 0, and windows.	An attempt to execute the command to start the Web container server has failed. Collect maintenance information, and then contact the Support Center.
KAPM05230-E	An attempt to execute the command to stop the Web container server has failed. Output destinations: Destinations for output level 0, and windows.	An attempt to execute the command to stop the Web container server has failed. Collect maintenance information, and then contact the Support Center.
KAPM05231-E	An attempt to execute the thread-dump acquisition command has failed. Output destinations: Destinations for output level 0, and windows.	An attempt to execute the thread-dump acquisition command has failed. Collect maintenance information, and then contact the Support Center.
KAPM05232-E	The service stopped abnormally. (service name = *aa...aa*) *aa...aa*: Service name Output destinations: Destinations for output level 10.	The service stopped abnormally. Collect maintenance information, and then contact the Support Center.
KAPM05301-E	The license has expired. Output destinations: Destinations for the log.	The license has expired. Use a license key that has not expired.
KAPM05302-E	The system environment is incorrect. Output destinations: Destinations for the log.	The system environment is incorrect. Collect maintenance information, and then contact the Support Center.
KAPM05303-E	The entered license key is invalid. Output destinations: Destinations for the log.	The entered license key is invalid. Use a regular license key published by the license server.
KAPM05304-I	Processing ended normally. Output destinations: Destinations for output level 10.	Processing ended normally.
KAPM05308-I	The acquiring of *aa...aa* logs started. *aa...aa*: Application name Output destinations: In window only.	The acquiring of *aa...aa* logs started.
KAPM05309-I	Backup of *aa...aa* started. *aa...aa*: Application name Output destinations: In window only.	Backup of *aa...aa* started.
KAPM05310-E	The acquiring of *aa...aa* logs abnormally ended. *aa...aa*: Application name Output destinations: In window only.	The acquiring of *aa...aa* logs abnormally ended. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM05311-I	The acquiring of *aa...aa* logs successfully ended. *aa...aa*: Application name Output destinations: In window only.	The acquiring of *aa...aa* logs successfully ended.
KAPM05312-E	Backup of *aa...aa* abnormally ended. *aa...aa*: Application name Output destinations: In window only.	Backup of *aa...aa* abnormally ended. Collect maintenance information, and then contact the Support Center.
KAPM05313-I	Backup of *aa...aa* successfully ended. *aa...aa*: Application name Output destinations: In window only.	Backup of *aa...aa* successfully ended.
KAPM05314-E	The specified directory is not empty. Output destinations: In window only.	The specified directory is not empty. Specify an empty directory.
KAPM05315-E	An option is invalid. Output destinations: In window only.	An option is invalid. Check the options of the command.
KAPM05316-E	The specified directory name *aa...aa* is invalid. *aa...aa*: Invalid directory name Output destinations: In window only.	The specified directory name *aa...aa* is invalid. Confirm that the specified directory is correct.
KAPM05317-E	*aa...aa* is not registered. *bb...bb* is available. *aa...aa*: Program product name specified in option *bb...bb*: Program product name registered in the command Output destinations: In window only.	*aa...aa* is not registered. *bb...bb* is available. Specify the registered program product name.
KAPM05318-I	The acquiring of logs successfully ended. *aa...aa* *aa...aa*: Program product name Output destinations: In window only.	The acquiring of *aa...aa* logs successfully ended.
KAPM05319-E	The acquiring of logs abnormally ended. *aa...aa* *aa...aa*: Program product name Output destinations: In window only.	The acquiring of *aa...aa* logs abnormally ended. Collect maintenance information, and then contact the Support Center.
KAPM05320-I	Backup successfully ended. (*aa...aa*) *aa...aa*: Program product name Output destinations: In window only.	Backup successfully ended.
KAPM05321-E	Backup abnormally ended. (*aa...aa*) *aa...aa*: Program product name Output destinations: In window only.	Backup abnormally ended. Collect maintenance information, and then contact the Support Center.
KAPM05322-E	*aa...aa* does not exist. *aa...aa*: File name Output destinations: In window only.	*aa...aa* does not exist. Confirm that the file exists in the specified directory.

Error Code	Error Message	Description and Action
KAPM05323-I	Information for restore: To restore the HiCommand shared repository, specify the "/enforce" option. Before restoring, you have to stop the services "InterServer" and "InterBase Server". Note that the HiCommand shared repository is overwritten with old backup data after the restore. Output destinations: In window only.	Information for restore: To restore the HiCommand shared repository, specify the "/enforce" option. Before restoring, you have to stop the services "InterServer" and "InterBase Server". Note that the HiCommand shared repository is overwritten with old backup data after the restore.
KAPM05324-E	The privilege is invalid. Output destinations: In window only.	The privilege is invalid. Execute as a user with execution privilege.
KAPM05325-E	An attempt to execute hcmdsras failed. Output destinations: In window only.	An attempt to execute hcmdsras failed. Collect maintenance information, and then contact the Support Center.
KAPM05326-E	An attempt to execute jar has failed. Output destinations: In window only.	An attempt to execute jar has failed. Make sure that the file name specified in the arc option does not include the pathname. If that is not the problem, contact the Support Center.
KAPM05328-I	The hcmdsbasebackup processing has succeeded. Output destinations: In window only.	The hcmdsbasebackup processing has succeeded.
KAPM05329-E	The hcmdsbasebackup processing has failed. Output destinations: In window only.	The hcmdsbasebackup processing has failed. Collect maintenance information, and then contact the Support Center.
KAPM05330-E	An option is invalid. Output destinations: In window only.	An option is invalid. Check the options of the command.
KAPM05331-E	The license has expired. Output destinations: Destinations for the log.	The license has expired. Use a license key that has not expired.
KAPM05332-E	The system environment is incorrect. Output destinations: Destinations for the log.	The system environment is incorrect. Collect maintenance information, and then contact the Support Center.
KAPM05333-E	The entered license key is invalid. Output destinations: Destinations for the log.	The entered license key is invalid. Use a regular license key published by the license server.
KAPM05334-I	Processing ended normally. Output destinations: Destinations for the log.	Processing ended normally.
KAPM05335-E	The license key file that was entered could not be found. Output destinations: Destinations for the log.	The license key file that was entered could not be found. Confirm that the specified path is valid.
KAPM05336-E	The license key file that was entered is invalid. Output destinations: Destinations for the log.	The license key file that was entered is invalid. The license key file that was input may be damaged. Contact the Support Center and acquire a new license key file.

Error Code	Error Message	Description and Action
KAPM05337-I	The license key that should be entered does not exist in the license key file. Output destinations: Destinations for the log.	The license key that should be entered does not exist in the license key file. Confirm that the specified license key file is correct.
KAPM05390-I	The hcmdsras processing has succeeded. Output destinations: In window only.	The hcmdsras processing has succeeded.
KAPM05402-E	The option(s) specified is insufficient. Output destinations: Destinations for output level 10, and windows.	The option(s) specified is insufficient. Specify all the necessary options.
KAPM05403-E	The option value specified is invalid. Output destinations: Destinations for output level 10, and windows.	The option value specified is invalid. Specify the option and specify the necessary proceeding values (user name and password, etc.).
KAPM05405-E	The option "*aa...aa*" is not supported. *aa...aa*: Option Output destinations: Destinations for output level 10, and windows.	The option "*aa...aa*" is not supported. Do not specify an unsupported option.
KAPM05406-E	The option "*aa...aa*" appears 2 times or more. *aa...aa*: Option Output destinations: Destinations for output level 10, and windows.	The option "*aa...aa*" appears 2 times or more. Check the specification of the option.
KAPM05407-E	The combination of options is invalid. Output destinations: Destinations for output level 10, and windows.	The combination of options is invalid. Confirm that no option that should be specified exclusively is specified at the same time.
KAPM05410-E	An exception occurred. Output destinations: Destinations for output level 0, and windows.	An exception occurred. See the following message KAPM49001-E for details. Collect maintenance information, and then contact the Support Center.
KAPM05411-E	The file "*aa...aa*" could not be read. *aa...aa*: File name Output destinations: Destinations for output level 0, and windows.	The file "*aa...aa*" could not be read. Confirm that the file exists, that the file is not in use, and that the make directory of the file is correct.
KAPM05413-E	The input XML contains a grammar mistake. Output destinations: Destinations for output level 0, and windows.	The input XML contains a grammar mistake. Collect maintenance information, and then contact the Support Center.
KAPM05414-E	A fatal structure error was detected in the input XML. Output destinations: Destinations for output level 0, and windows.	A fatal structure error was detected in the input XML. Collect maintenance information, and then contact the Support Center.
KAPM05415-E	An error occurred during communication processing. (Detail: *aa...aa*) *aa...aa*: Error details Output destinations: Destinations for output level 0, and windows.	An error occurred during communication processing. See the following message KAPM49001-E for details. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM05417-E	An invalid URL was detected. (*aa...aa*) *aa...aa*: URL Output destinations: Destinations for output level 0, and windows.	An invalid URL was detected. Check the specification of the URL.
KAPM05418-E	The server returned an empty response. Output destinations: Destinations for output level 0, and windows.	The server returned an empty response. Collect maintenance information, and then contact the Support Center.
KAPM05419-E	An unsupported element type was detected in the XML. Output destinations: Destinations for output level 0, and windows.	An unsupported element type was detected in the XML. Collect maintenance information, and then contact the Support Center.
KAPM05422-W	*aa...aa* error(s) were detected in the response. *aa...aa*: Number of errors Output destinations: Destinations for output level 10.	*aa...aa* error(s) were detected in the response. Collect maintenance information, and then contact the Support Center.
KAPM05423-E	Invalid error information was detected. Output destinations: Destinations for output level 0.	Invalid error information was detected. Collect maintenance information, and then contact the Support Center.
KAPM05424-E	Invalid server information was detected. Output destinations: Destinations for output level 0.	Invalid server information was detected. Collect maintenance information, and then contact the Support Center.
KAPM05425-E	The input file contains a grammar mistake. Output destinations: Destinations for output level 0, and windows.	The input file contains a grammar mistake. Correct the syntax error in the specified definition file.
KAPM05426-E	An error occurred when inputting the file. Output destinations: Destinations for output level 0.	An error occurred when inputting the file. Collect maintenance information, and then contact the Support Center.
KAPM05427-E	The specified value is invalid. value = *aa...aa* *aa...aa*: Value Output destinations: Destinations for output level 0.	The specified value is invalid. Confirm the value in the user definition application file.
KAPM05432-E	Link registration processing has failed. Processing is interrupted. Output destinations: Destinations for output level 10.	Link registration processing has failed. Processing is interrupted. Collect maintenance information, and then contact the Support Center.
KAPM05433-E	The acquisition as a result of registration processing has failed. Output destinations: Destinations for output level 10.	The acquisition as a result of registration processing has failed. Collect maintenance information, and then contact the Support Center.
KAPM05434-E	I/O of XML has failed. Output destinations: Destinations for output level 10.	I/O of XML has failed. Collect maintenance information, and then contact the Support Center.
KAPM05435-E	An error occurred in the SAX parser. Output destinations: Destinations for output level 10.	An error occurred in the SAX parser. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM05436-E	An attempt to analyze the execution result has failed. Output destinations: Destinations for output level 10.	An attempt to analyze the execution result has failed. Collect maintenance information, and then contact the Support Center.
KAPM05437-E	The execution result of the XREP processing was null. Output destinations: Destinations for output level 10.	The execution result of the XREP processing was null. Collect maintenance information, and then contact the Support Center.
KAPM05438-W	The "*aa...aa*" xrep processing result is *bb...bb*. *aa...aa*: Result of hcmdsxrep command *bb...bb*: Result of the command Output destinations: Destinations for output level 10.	The "*aa...aa*" xrep processing result is *bb...bb*. Collect maintenance information, and then contact the Support Center.
KAPM05439-E	An attempt to register a link has failed. Output destinations: Destinations for output level 0, and windows.	An attempt to register a link has failed. Collect maintenance information, and then contact the Support Center.
KAPM05440-E	An attempt to delete a link has failed. Output destinations: Destinations for output level 0, and windows.	An attempt to delete a link has failed. Collect maintenance information, and then contact the Support Center.
KAPM05441-W	An attempt to check the result has failed. Output destinations: Destinations for output level 0, and windows.	An attempt to check the result has failed. Confirm the value in the user definition application file.
KAPM05442-E	The registered information was not found. Output destinations: Destinations for output level 10.	The registered information was not found. Collect maintenance information, and then contact the Support Center.
KAPM05443-E	The table that registers a link does not exist. Output destinations: Destinations for output level 10.	The table that registers a link does not exist. Collect maintenance information, and then contact the Support Center.
KAPM05444-E	An error occurred within the server. Output destinations: Destinations for output level 10.	An error occurred within the server. Collect maintenance information, and then contact the Support Center.
KAPM05445-E	An unexpected error occurred within the server. Output destinations: Destinations for output level 10.	An unexpected error occurred within the server. Collect maintenance information, and then contact the Support Center.
KAPM05446-I	Processing ended normally. Output destinations: Destinations for output level 10, and windows.	Processing ended normally.
KAPM05501-I	Backing up the database to file *aa...aa*... *aa...aa*: File name Output destinations: In window only.	Backing up the database to file *aa...aa*.
KAPM05502-I	INTERBASE_PID=*aa...aa*. *aa...aa*: InterBase process ID Output destinations: In window only.	INTERBASE_PID=*aa...aa*.

Error Code	Error Message	Description and Action
KAPM05503-W	The file *aa...aa* will be overwritten. Is this OK? *aa...aa*: File name Output destinations: In window only.	The file *aa...aa* will be overwritten. Is this OK? The continuation will overwrite the *aa...aa*.
KAPM05504-W	The HiCommand Server database will be overwritten by this procedure. Is this OK? Output destinations: In window only.	The HiCommand Suite Common Component database will be overwritten by this procedure. Is this OK? The continuation will overwrite the HiCommand Suite Common Component database.
KAPM05505-E	The *aa...aa* file does not exist or is not readable.The HiCommand Server database was not altered. *aa...aa*: File name Output destinations: In window only.	The *aa...aa* file does not exist or is not readable. The HiCommand Suite Common Component database was not altered. Confirm that *aa...aa* file exists. Alternatively, check the permission of the *aa...aa* file.
KAPM05506-E	The *aa...aa* file does not exist or is not readable.The HiCommand Server database was not altered. *aa...aa*: File name Output destinations: In window only.	The *aa...aa* file does not exist or is not readable. The HiCommand Suite Common Component database was not altered. Confirm that the *aa...aa* file exists.
KAPM05507-I	Restoring the database from the *aa...aa* file... *aa...aa*: File name Output destinations: In window only.	Restoring the database from the *aa...aa* file.
KAPM05508-E	The path of the specified database file is invalid. Output destinations: In window only.	The path of the specified database file is invalid. Check the value of `DATABASE.path` in the configuration file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`
KAPM05509-E	The specified database file was not found. Output destinations: In window only.	The specified database file was not found. Check the value of `DATABASE.path` in the configuration file. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`
KAPM05510-E	An attempt to read to a file has failed. file name=*aa...aa*. *aa...aa*: File name Output destinations: In window only.	An attempt to read to a file has failed. Collect maintenance information, and then contact the Support Center.
KAPM05511-E	An unexpected error occurred. Output destinations: In window only.	An unexpected error occurred. Collect maintenance information, and then contact the Support Center.
KAPM05512-I	Backup has succeeded. Output destinations: In window only.	Backup has succeeded.

Error Code	Error Message	Description and Action
KAPM05513-E	An attempt to back up has failed. Output destinations: In window only.	An attempt to back up has failed. Take action according to the message output in the window after command execution.
KAPM05514-I	Restoration has succeeded. Output destinations: In window only.	Restoration has succeeded.
KAPM05515-E	An attempt to restore has failed. Output destinations: In window only.	An attempt to restore has failed. Take action according to the message output in the window after command execution.
KAPM05516-E	The setup of the specified database is invalid. Output destinations: In window only.	The setup of the specified database is invalid. Make sure the setting for the key that the file `DATABASE` starts is correct. Windows : *HiCommand Suite Common Component installation-folder*`\conf\user.conf` Solaris or Linux : `/opt/HiCommand/Base/conf/user.conf`
KAPM05530-I	Backup of the database has started. Output destinations: Destinations for output level 10, and windows.	Backup of the database has started.
KAPM05531-I	Backup of the database has ended. Output destinations: Destinations for output level 10, and windows.	Backup of the database has ended.
KAPM05532-I	Restoration of the database has started. Output destinations: Destinations for output level 10, and windows.	Restoration of the database has started.
KAPM05533-I	Restoration of the database has ended. Output destinations: Destinations for output level 10, and windows.	Restoration of the database has ended.
KAPM05534-I	The database will now be backed up to file *aa...aa*. *aa...aa*: Backup file Output destinations: In window only.	The database will now be backed up to file *aa...aa*.
KAPM05535-I	The system area has been damaged. Do you want to recover the system? [y or n] Output destinations: In window only.	The system area has been damaged. Please select whether to restore this system. Enter `y` (for yes) or `n` (for do not).
KAPM05536-I	Please press the Enter key. Output destinations: In window only.	Please press the Enter key.
KAPM05537-I	Stop the HiRDB service before restoring the database. Output destinations: In window only.	Stop the HiRDB service before restoring the database.
KAPM05538-I	Re-creation of the system area has started. Output destinations: In window only.	Re-creation of the system area has started.
KAPM05539-I	Re-creation of the system area has ended. Output destinations: In window only.	Re-creation of the system area has ended.

Error Code	Error Message	Description and Action
KAPM05540-I	Re-creation of the RD area has started. Output destinations: In window only.	Re-creation of the RD area has started.
KAPM05541-I	Re-creation of the RD area has ended. Output destinations: In window only.	Re-creation of the RD area has ended.
KAPM05544-E	An attempt to back up the database has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to back up the database has failed. Make sure that the directory specification is correct. If you cannot solve the problem, collect maintenance information, and then contact the Support Center.
KAPM05545-E	An attempt to restore the database has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to restore the database has failed. Make sure that the directory specification is correct. If you cannot solve the problem, collect maintenance information, and then contact the Support Center.
KAPM05546-W	The backed-up version is different from the version in the current environment. Output destinations: Destinations for output level 10, and windows.	The backed-up version is different from the version in the current environment.
KAPM05547-I	Do you want to continue and restore the database? Output destinations: Destinations for output level 10, and windows.	Do you want to continue and restore the database?
KAPM05548-I	Restoration of the database will continue. Output destinations: Destinations for output level 10, and windows.	Restoration of the database will continue.
KAPM05550-E	The option(s) specified is invalid. Output destinations: Destinations for output level 10, and windows.	The option(s) specified is invalid. Specify the option correctly.
KAPM05551-E	An attempt to execute the *aa...aa* command has failed. *aa...aa*: Command name Output destinations: Destinations for output level 10, and windows.	An attempt to execute the *aa...aa* command has failed. Make sure that the command specification is correct. If you cannot solve the problem, collect maintenance information, and then contact the Support Center.
KAPM05552-E	HiRDB has not been installed. Output destinations: Destinations for output level 10, and windows.	HiRDB has not been installed. Make sure that HiRDB has been installed.
KAPM05553-E	The RD area of the specified program type could not be found. Output destinations: Destinations for output level 10.	The RD area of the specified program type could not be found. Make sure that HiRDB has been set up.
KAPM05554-E	The file *aa...aa* could not be deleted. *aa...aa*: File name Output destinations: Destinations for output level 10.	The file *aa...aa* could not be deleted.
KAPM05555-E	An attempt to set the environment variable has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to set the environment variable has failed. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM05556-E	An attempt to create the backup file has failed. Output destinations: Destinations for output level 10.	An attempt to create the backup file has failed. Collect maintenance information, and then contact the Support Center.
KAPM05557-E	An I/O error occurred. Output destinations: Destinations for output level 10.	An I/O error occurred. Collect maintenance information, and then contact the Support Center.
KAPM05558-E	An attempt to open the archive file has failed. Output destinations: Destinations for output level 10.	An attempt to open the archive file has failed. Make sure that the file specification is correct. If it is correct but you still cannot solve the problem, collect maintenance information, and then contact the Support Center.
KAPM05559-E	The backup file format is invalid. Output destinations: Destinations for output level 10, and windows.	The backup file format is invalid. Specify a valid backup file.
KAPM05560-E	The database location of the specified program type has not been created. Output destinations: Destinations for output level 10, and windows.	The database location of the specified program type has not been created. Make sure that the specified application is installed.
KAPM05561-I	The database was backed up successfully. Output destinations: syslog/Eventlog	The database was backed up successfully.
KAPM05562-E	An attempt to back up the database has failed. Output destinations: syslog/Eventlog	An attempt to back up the database has failed.
KAPM05563-I	The database was completely restored. Output destinations: syslog/Eventlog	The database was completely restored.
KAPM05564-E	An attempt to completely restore the database has failed. Output destinations: syslog/Eventlog	An attempt to completely restore the database has failed.
KAPM05565-I	The database was partially restored. Output destinations: syslog/Eventlog	The database was partially restored.
KAPM05566-E	An attempt to partially restore the database has failed. Output destinations: syslog/Eventlog	An attempt to partially restore the database has failed.
KAPM05567-E	An exception occurred. Output destinations: Destinations for output level 10, and windows.	An exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM05568-E	*aa...aa*:*bb...bb* *aa...aa*: Command name *bb...bb*: Message Output destinations: Destinations for output level 10.	Message for debugging.
KAPM05569-E	*aa...aa* *aa...aa*: Command name Output destinations: Destinations for output level 10.	

Error Code	Error Message	Description and Action
KAPM05570-I	Processing ended normally. Output destinations: Destinations for output level 10.	Processing ended normally.
KAPM05573-E	The option(s) specified is invalid. Output destinations: Destinations for output level 10, and windows.	The option(s) specified is invalid. Specify the option correctly.
KAPM05574-E	An attempt to execute the *aa...aa* command has failed. *aa...aa*: Command name Output destinations: Destinations for output level 10, and windows.	An attempt to execute the *aa...aa* command has failed. Make sure that the command specification is correct. If you cannot solve the problem, collect maintenance information, and then contact the Support Center.
KAPM05575-E	HiRDB has not been installed. Output destinations: Destinations for output level 10, and windows.	HiRDB has not been installed. Confirm that HiRDB has already installed.
KAPM05576-E	The RD area of the specified program type could not be found. Output destinations: Destinations for output level 10.	The RD area of the specified program type could not be found. Confirm that HiRDB has already set up.
KAPM05577-E	An attempt to clear an HiRDB environment variable has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to clear an HiRDB environment variable has failed. Collect maintenance information, and then contact the Support Center.
KAPM05578-E	The database location of the specified program type has not been created. Output destinations: Destinations for output level 10, and windows.	The database location of the specified program type has not been created. Make sure that the specified application is installed.
KAPM05579-E	An exception occurred. Output destinations: Destinations for output level 10.	An exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM05580-I	Re-creation of the database has started. Output destinations: In window only.	Re-creation of the database has started.
KAPM05581-I	Re-creation of the database has ended. Output destinations: In window only.	Re-creation of the database has ended.
KAPM05582-I	Unsetup of *aa...aa* has started. *aa...aa*: Product name Output destinations: In window only.	Unsetup of *aa...aa* has started.
KAPM05583-I	Unsetup of *aa...aa* has ended. *aa...aa*: Product name Output destinations: In window only.	Unsetup of *aa...aa* has ended.
KAPM05584-I	Setup of *aa...aa* has started. *aa...aa*: Product name Output destinations: In window only.	Setup of *aa...aa* has started.
KAPM05585-I	Setup of *aa...aa* has ended. *aa...aa*: Product name Output destinations: In window only.	Setup of *aa...aa* has ended.

Error Code	Error Message	Description and Action
KAPM05586-I	Execution of the *aa...aa* command has started. *aa...aa*: Command name Output destinations: In window only.	Execution of the *aa...aa* command has started.
KAPM05587-I	Execution of the *aa...aa* command ended normally. *aa...aa*: Command name Output destinations: In window only.	Execution of the *aa...aa* command ended normally.
KAPM05588-I	Backup of the parameter definition file has ended. Output destinations: In window only.	Backup of the parameter definition file has ended.
KAPM05589-I	The backup file of the parameter definition file has been deleted. Output destinations: In window only.	The backup file of the parameter definition file has been deleted.
KAPM05590-E	The option(s) specified is invalid. Output destinations: Destinations for output level 10, and windows.	The option(s) specified is invalid. Specify the option correctly.
KAPM05591-E	An attempt to execute the *aa...aa* command has failed. *aa...aa*: Command name Output destinations: Destinations for output level 10, and windows.	An attempt to execute the *aa...aa* command has failed. Make sure that the command specification is correct. If you cannot solve the problem, collect maintenance information, and then contact the Support Center.
KAPM05592-E	HiRDB has not been set up. Output destinations: Destinations for output level 10, and windows.	HiRDB has not been set up. Confirm that HiRDB has already set up.
KAPM05593-E	The *aa...aa* file was not found. *aa...aa*: File name Output destinations: Destinations for output level 10, and windows.	The *aa...aa* file was not found. Make sure that HiRDB has been set up. If you cannot solve the problem, collect maintenance information, and then contact the Support Center.
KAPM05594-E	The *aa...aa* file could not be read. *aa...aa*: File name Output destinations: Destinations for output level 10, and windows.	The *aa...aa* file could not be read. Make sure that HiRDB has been set up. If you cannot solve the problem, collect maintenance information, and then contact the Support Center.
KAPM05595-E	The *aa...aa* folder could not be deleted. *aa...aa*: Folder name Output destinations: Destinations for output level 10, and windows.	The *aa...aa* folder could not be deleted. Collect maintenance information, and then contact the Support Center.
KAPM05596-E	An SQL exception occurred. Output destinations: Destinations for output level 10, and windows.	An SQL exception occurred. Check whether HiRDB is running. If it is, collect maintenance information, and contact the Support Center.
KAPM05597-E	An attempt to clear the HiRDB system environment variables has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to clear the HiRDB system environment variables has failed. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM05598-E	An exception occurred. Output destinations: Destinations for output level 10, and windows.	An exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM05599-E	*aa...aa*:*bb...bb* *aa...aa*: Command name *bb...bb*: Message Output destinations: Destinations for output level 10.	Collect maintenance information, and then contact the Support Center.
KAPM05601-I	The acquisition of HiRDB detail logs has started. Output destinations: In window only.	The acquisition of HiRDB detail logs has started.
KAPM05602-I	The acquisition of HiRDB detail logs was successful. Output destinations: In window only.	The acquisition of HiRDB detail logs was successful.
KAPM05603-I	The acquisition of the HiRDB RDAREA has started. Output destinations: In window only.	The acquisition of the HiRDB RDAREA has started.
KAPM05604-I	The acquisition of the HiRDB RDAREA was successful. Output destinations: In window only.	The acquisition of the HiRDB RDAREA was successful.
KAPM05605-I	The acquisition of the table data has started. Output destinations: In window only.	The acquisition of the table data has started.
KAPM05606-I	The acquisition of the table data was successful. Output destinations: In window only.	The acquisition of the table data was successful.
KAPM05610-I	The specified product is a version for which registration data can be moved. (This was determined by comparing the versions of the specified product and the product to be installed.) Output destinations: Destinations for output level 10.	The specified product is a version for which registration data can be moved. (This was determined by comparing the versions of the specified product and the product to be installed.)
KAPM05611-E	The specified product is a version for which registration data cannot be moved. (This was determined by comparing the versions of the specified product and the product to be installed.) Output destinations: Destinations for output level 10.	The specified product is a version for which registration data cannot be moved. (This was determined by comparing the versions of the specified product and the product to be installed.) Collect maintenance information, and then contact the Support Center.
KAPM05612-E	The version of the specified product could not be acquired. (product name = *aa...aa*) *aa...aa*: Product name Output destinations: Destinations for output level 10.	An attempt to execute the version acquisition function has failed. Collect maintenance information, and then contact the Support Center.
KAPM05613-E	The format of the version number file for the specified product is invalid. Output destinations: Destinations for output level 10.	The format of the version number file for the specified product is invalid. Collect maintenance information, and then contact the Support Center.
KAPM05614-E	The specified product is not installed. (product name = *aa...aa*) *aa...aa*: Product name Output destinations: Destinations for output level 10.	The product specified by the version check command is not installed. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM05615-E	An internal error occurred: *aa...aa* *aa...aa*: Detailed message Output destinations: Destinations for output level 10.	An internal error occurred. A detailed message to pinpoint the cause is displayed in the log. Collect maintenance information, and then contact the Support Center.
KAPM05616-E	The number of specified options is invalid. Output destinations: Destinations for output level 10, and windows.	The number of options to specify in the version check function is invalid. Collect maintenance information, and then contact the Support Center.
KAPM05617-E	The contents of the version file are invalid. Output destinations: Destinations for output level 10.	The version number file contains characters that are not numbers. Collect maintenance information, and then contact the Support Center.
KAPM05618-I	The `hcmdsppcheck` command has started. Output destinations: Destinations for output level 10.	The version check function has started.
KAPM05619-I	The `hcmdsppcheck` command has ended. Output destinations: Destinations for output level 10.	The version check function has ended.
KAPM05620-I	The `hcmdsppvrs` command was successful. Output destinations: Destinations for output level 10.	The version acquisition function was successful.
KAPM05621-E	The hcmdsppvrs command failed. Output destinations: Destinations for output level 10.	An attempt to execute the version acquisition function has failed. Collect maintenance information, and then contact the Support Center.
KAPM05622-E	Initialization of the log failed. Output destinations: In window only.	Initialization of the log failed. Collect maintenance information, and then contact the Support Center.
KAPM05623-E	An attempt to assign memory to store the log file path has failed. Output destinations: In window only.	An attempt to assign memory to store the log file path has failed. Collect maintenance information, and then contact the Support Center.
KAPM05624-E	An attempt to acquire the installation path has failed. Output destinations: In window only.	An attempt to acquire the installation path has failed. Collect maintenance information, and then contact the Support Center.
KAPM05625-E	The product names do not match. Output destinations: Destinations for output level 10, and windows.	The product name specified by the version check function does not match the registered product name. Collect maintenance information, and then contact the Support Center.
KAPM05626-E	The product name is not specified. Output destinations: In window only.	The product name that must be specified by the version check function is not specified. Collect maintenance information, and then contact the Support Center.
KAPM05627-E	There is no version number file. Output destinations: Destinations for output level 10.	There is no version number file in the location specified by the version check function. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM05628-I	A file already exists at the specified output destination. Output destinations: Destinations for output level 10, and windows.	Upgrade permission file already exists.
KAPM05629-E	A folder already exists at the specified output destination. Output destinations: Destinations for output level 10, and windows.	A folder already exists at the output destination specified by the version check function. After deleting the output destination folder, re-execute the command, or specify an empty directory.
KAPM05630-E	There is no registry key for HBase. Output destinations: In window only.	There is no registry key for HiCommand Suite Common Component. Collect maintenance information, and then contact the Support Center.
KAPM05640-I	The user ID and password were changed successfully. Output destinations: Destinations for output level 10, and windows.	The specified user ID and password were changed successfully.
KAPM05641-I	There is no password file to reference. Output destinations: Destinations for output level 10.	The password file that writes the user ID and password was not found.
KAPM05642-W	Neither the user ID nor the password was changed. Output destinations: Destinations for output level 10, and windows.	The specified user ID and password are the same as before. Specify a new (different) ID and password.
KAPM05643-E	The format of the password file is invalid. Output destinations: Destinations for output level 10.	The password file might have been corrupted. Collect the maintenance information, and then contact the Support Center.
KAPM05644-E	An attempt to change the user ID and password has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to change the specified user ID and password failed because an error occurred. Check the preceding log.
KAPM05645-E	An option is invalid. Output destinations: Destinations for output level 10, and windows.	Please make sure the specification of the option is correct. Specify the option correctly, and execute the command again.
KAPM05646-E	The specified argument contains an invalid character. Output destinations: Destinations for output level 10, and windows.	An invalid character was specified in the option. Enter valid characters only.
KAPM05647-E	An attempt to acquire the HiCommand Suite Common Component installation path has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to acquire the HiCommand Suite Common Component installation path has failed. Collect the maintenance information, and then contact the Support Center.
KAPM05648-E	An attempt to initialize the log has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to initialize the log has failed. Collect the maintenance information, and then contact the Support Center.
KAPM05649-E	An internal error occurred. Output destinations: Destinations for output level 10, and windows.	An internal error occurred. Collect the maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM05650-E	A fatal error occurred. Output destinations: Destinations for output level 10, and windows.	A fatal error occurred. Collect the maintenance information, and then contact the Support Center.
KAPM05654-E	An attempt to output the password file has failed. Output destinations: Destinations for output level 10, and windows.	An error occurred during processing to write to the password file. Collect the maintenance information, and then contact the Support Center.
KAPM05655-E	The character string specified by the option is too long. Output destinations: Destinations for output level 10, and windows.	The character string specified by the option exceeds the maximum number of characters. Enter a character string that is within the maximum number of characters.
KAPM05656-E	The character string specified by the option is too short. Output destinations: Destinations for output level 10, and windows.	The length of the character string specified by the option is less than the minimum number of characters. Enter a character string that is at least the minimum number of characters.
KAPM05657-I	The `hcmdschangeaccount` command has started. Output destinations: Destinations for output level 10.	The `hcmdschangeaccount` command has started.
KAPM05658-I	The `hcmdschangeaccount` command has ended. Output destinations: Destinations for output level 10.	The `hcmdschangeaccount` command has ended.
KAPM05659-E	The program product specified by the type option is invalid. Output destinations: Destinations for output level 10, and windows.	The value specified for the type option is invalid. Enter a correct value.
KAPM05660-E	The user ID specified by the newid option is invalid. Output destinations: Destinations for output level 10, and windows.	The value specified for the newid option is invalid. Enter a correct value.
KAPM05661-E	The password specified by the newpass option is invalid. Output destinations: Destinations for output level 10, and windows.	The value specified for the newpass option is invalid. Enter a correct value.
KAPM05662-E	An attempt to read the password file has failed. Output destinations: Destinations for output level 10, and windows.	An error occurred during processing to load the password file. Collect the maintenance information, and then contact the Support Center.
KAPM05663-E	The specified user already exists. Output destinations: Destinations for output level 10, and windows.	The specified user already exists. Please execute it again after changing the user name.
KAPM05802-E	The option is invalid. Output destinations: Destinations for output level 10, and windows.	The option is invalid. Specify the option correctly.
KAPM05803-E	The specified arguments are insufficient. Output destinations: Destinations for output level 10, and windows.	The specified arguments are insufficient. Specify the option correctly.

Error Code	Error Message	Description and Action
KAPM05804-E	The specified value of option is invalid. (Option = *aa...aa*) *aa...aa*: Option name Output destinations: Destinations for output level 10, and windows.	The specified value of option is invalid. Check the specified value of the option.
KAPM05805-E	The specified directory cannot be created. (directory = *aa...aa*) *aa...aa*: Directory name Output destinations: Destinations for output level 10, and windows.	The specified directory cannot be created. Make sure that you have write permission for the directory.
KAPM05806-E	The specified directory name already existed as a file. (file = *aa...aa*) *aa...aa*: File name Output destinations: Destinations for output level 10, and windows.	The specified directory name already existed as a file. Specify another directory name.
KAPM05807-E	The specified value is invalid. (value = *aa...aa*) *aa...aa*: Specified value Output destinations: Destinations for output level 10, and windows.	The specified value is invalid. Specify a valid value.
KAPM05808-E	The file *aa...aa* does not exist. *aa...aa*: File name Output destinations: Destinations for output level 10, and windows.	The file *aa...aa* does not exist. Make sure that the file specification is correct. If you cannot solve the problem, collect maintenance information, and then contact the Support Center.
KAPM05809-E	The directory *aa...aa* does not exist. *aa...aa*: Directory name Output destinations: Destinations for output level 10, and windows.	The directory *aa...aa* does not exist. Make sure that the directory specification is correct. If you cannot solve the problem, collect maintenance information, and then contact the Support Center.
KAPM05810-E	The file *aa...aa* already exists. *aa...aa*: File name Output destinations: Destinations for output level 10, and windows.	The file *aa...aa* already exists. Delete the file, or move to another directory.
KAPM05811-E	Command *aa...aa* returns value *bb...bb*. The error message is *cc...cc*. *aa...aa*: Command name *bb...bb*: Return code *cc...cc*: Error message Output destinations: Destinations for output level 10, and windows.	Command *aa...aa* returns value *bb...bb*. The error message is *cc...cc*. Check the specified value of the option. If you cannot solve the problem, collect maintenance information, and then contact the Support Center.
KAPM05812-I	Processing ended normally. Output destinations: In window only.	Processing ended normally.
KAPM05813-E	An IOException occurred. (details = *aa...aa*) *aa...aa*: Exception details Output destinations: Destinations for output level 10, and windows.	An IOException occurred. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM05814-E	An exception occurred. (details = *aa...aa*) *aa...aa*: Exception details Output destinations: Destinations for output level 10, and windows.	An exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM05815-E	A NullPointerException occurred. (details = *aa...aa*) *aa...aa*: Exception details Output destinations: Destinations for output level 10, and windows.	A NullPointerException occurred. Collect maintenance information, and then contact the Support Center.
KAPM05816-E	An error occurred while executing the hcmdsauthmode command. Output destinations: Destinations for output level 10, and windows.	An error occurred while executing the hcmdsauthmode command. Collect maintenance information, and then contact the Support Center.
KAPM05817-E	There is no RD area in the system. Output destinations: Destinations for output level 10, and windows.	There is no RD area in the system. Make sure that the HiCommand product has been installed.
KAPM05818-I	The hcmdsauthmove command has started. Output destinations: In window only.	The hcmdsauthmove command has started.
KAPM05819-I	Processing to import data has started. Output destinations: In window only.	Processing to import data has started.
KAPM05820-I	Processing to import data has ended. Output destinations: In window only.	Processing to import data has ended.
KAPM05821-I	Processing to export data has started. Output destinations: In window only.	Processing to export data has started.
KAPM05822-I	Processing to export data has ended. Output destinations: In window only.	Processing to export data has ended.
KAPM05823-E	HiRDB has not started. Output destinations: Destinations for output level 10, and windows.	HiRDB has not started. Start HiRDB.
KAPM05824-E	The directory *aa...aa* already exists. *aa...aa*: Directory name Output destinations: Destinations for output level 10, and windows.	The directory *aa...aa* already exists. Specify another directory.
KAPM05825-E	An HSSOException occurred. (details = *aa...aa*) *aa...aa*: Exception details Output destinations: Destinations for output level 10, and windows.	An HSSOException occurred. Collect maintenance information, and then contact the Support Center.
KAPM05826-E	A CIMException occurred. (details = *aa...aa*) *aa...aa*: Exception details Output destinations: Destinations for output level 10, and windows.	A CIMException occurred. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM05827-E	The specified directory is not empty. (directory name = *aa...aa*) *aa...aa*: Directory name Output destinations: Destinations for output level 10, and windows.	The specified directory is not empty. Specify an empty directory.
KAPM05828-E	An attempt to execute the hcmdsauthmove command has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to execute the hcmdsauthmove command has failed. See the message KAPMxxxxx-E.
KAPM05829-E	A fatal error occurred. Output destinations: Destinations for output level 10, and windows.	A fatal error occurred. Collect maintenance information, and then contact the Support Center.
KAPM05830-E	An attempt to establish a connection has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to establish a connection has failed. Collect maintenance information, and then contact the Support Center.
KAPM05831-E	An attempt to execute SQL has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to execute SQL has failed. Collect maintenance information, and then contact the Support Center.
KAPM05832-I	The authentication data was backed up successfully. Output destinations: syslog/Eventlog	The authentication data was backed up successfully.
KAPM05833-E	An attempt to back up the authentication data has failed. Output destinations: syslog/Eventlog	An attempt to back up the authentication data has failed.
KAPM05834-I	The authentication data was restored successfully. Output destinations: syslog/Eventlog	The authentication data was restored successfully.
KAPM05835-E	An attempt to restore the authentication data has failed. Output destinations: syslog/Eventlog	An attempt to restore the authentication data has failed.
KAPM05836-E	An attempt to acquire the physical table name has failed. (table name = *aa...aa*) *aa...aa*: Table name Output destinations: Destinations for output level 10.	The physical table name was not requested from the logical table name. Make sure the DBMS has started, and then re-execute. If you cannot solve the problem, collect the maintenance information, and then contact the Support Center.
KAPM05837-W	The column data exceeds 80 characters. (column data = *aa...aa*) *aa...aa*: Column data Output destinations: Destinations for output level 10.	The column data of the TNB_AccountUser table could not be reduced to within 80 characters.
KAPM05838-E	An attempt to execute the SQL has failed. (SQL = *aa...aa*, error code = *bb...bb*) *aa...aa*: Executed SQL statement *bb...bb*: Error code Output destinations: Destinations for output level 10.	An attempt to execute the SQL has failed. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM05840-E	The option is invalid. Output destinations: In window only.	The option is invalid. Specify correct options, and then re-execute the command.
KAPM05841-E	The option is invalid. Code = [*aa...aa*], Data = [*bb...bb*] *aa...aa*: Generated code *bb...bb*: Generated option and value Output destinations: Destinations for output level 10.	
KAPM05842-I	hcmdsbanner [*aa...aa*]{,[*bb...bb*],.....[.....]} *aa...aa*: Command line argument *bb...bb*: Command line argument Output destinations: Destinations for output level 10.	The options specified for the command will be displayed.
KAPM05843-E	The message file does not exist. Output destinations: Destinations for output level 10, and windows.	The message file specified in the "`file`" option does not exist. Please specify the correct file, and then execute the command.
KAPM05844-E	The path specified for the message file is not a file. Output destinations: Destinations for output level 10, and windows.	The path of the message file specified in the "`file`" option is not a file. Please specify the correct file, and then execute the command.
KAPM05845-E	The message exceeded 1000 characters. Output destinations: Destinations for output level 10, and windows.	The message of the message file specified in the "file" option exceeded 1,000 characters. Please keep the message to 1,000 characters or less.
KAPM05846-E	The path specified in the *aa...aa* option is not an absolute path. *aa...aa*: Option Output destinations: Destinations for output level 10.	The path specified in the *aa...aa* option is not an absolute path. Specify the absolute path, and then try again.
KAPM05850-E	An attempt to set the banner message display has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to set the banner message has failed. Collect maintenance information, and then contact the Support Center.
KAPM05851-E	An attempt to set the banner message display has failed. File = [*aa...aa*], Code = [*bb...bb*] *aa...aa*: File or directory *bb...bb*: Generated code Output destinations: Destinations for output level 10.	
KAPM05852-I	Setting of the banner message display has been completed. Output destinations: Destinations for output level 10, and windows.	The setting of the banner message has been completed.
KAPM05860-W	The banner message display has already been cancelled. Output destinations: Destinations for output level 10, and windows.	The banner message has already been deleted.

Error Code	Error Message	Description and Action
KAPM05861-E	An attempt to cancel the banner message display has failed. Output destinations: In window only.	An attempt to delete the banner message has failed. Collect maintenance information, and then contact the Support Center.
KAPM05862-E	An attempt to cancel the banner message display has failed. File = [*aa...aa*], Code = [*bb...bb*] *aa...aa*: File or directory *bb...bb*: Generated code Output destinations: Destinations for output level 10.	
KAPM05863-I	Cancellation of the banner message display has been completed. Output destinations: Destinations for output level 10, and windows.	The banner message has been released.
KAPM05876-E	A fatal error occurred during processing. Output destinations: Destinations for output level 10, and windows.	A fatal error occurred during processing. Collect maintenance information, and then contact the Support Center.
KAPM05879-E	*aa...aa* *aa...aa*: Information for debugging Output destinations: Destinations for output level 10.	Information for debugging.
KAPM05880-E	The value of EXCurrentVersion is invalid. Output destinations: Destinations for output level 10.	The value of EXCurrentVersion is invalid. Collect maintenance information, and then contact the Support Center.
KAPM05881-E	EXCurrentVersion does not exist. Output destinations: Destinations for output level 10.	EXCurrentVersion does not exist. Collect maintenance information, and then contact the Support Center.
KAPM05882-E	The registry key that must be acquired does not exist. Output destinations: Destinations for output level 10.	The registry key that must be acquired does not exist. Collect maintenance information, and then contact the Support Center.
KAPM05883-E	A fatal error occurred. Output destinations: Destinations for output level 10.	A fatal error occurred. Collect maintenance information, and then contact the Support Center.
KAPM05884-E	The version management file is invalid Output destinations: Destinations for output level 10.	The version management file is invalid Collect maintenance information, and then contact the Support Center.
KAPM05885-E	The version management file that must be acquired does not exist. Output destinations: Destinations for output level 10.	The version management file that must be acquired does not exist. Collect maintenance information, and then contact the Support Center.
KAPM05886-E	An attempt to acquire the version has failed. Output destinations: In window only.	An attempt to acquire the version has failed. Please make sure the product has been correctly installed. If it has been correctly installed, acquire the maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM05887-I	The hcmdsvrsutil utility was successful. Output destinations: Destinations for output level 10.	The processing of the version acquisition function was succeeded.
KAPM05890-I	The `hcmdsbasevrs` command was successful. Output destinations: Destinations for output level 10.	The version display function was successful.
KAPM05891-E	The sub-key that shows the version does not exist. Output destinations: Destinations for output level 10.	The sub-key that shows the version does not exist. Collect maintenance information, and then contact the Support Center.
KAPM05892-I	The `hcmdsbasevrs` command has started. Output destinations: Destinations for output level 10.	The version display function has started.
KAPM05893-I	The `hcmdsbasevrs` command has ended. Output destinations: Destinations for output level 10.	The version display function has ended.
KAPM05894-E	A fatal error occurred. Output destinations: Destinations for output level 10.	A fatal error occurred. Collect maintenance information, and then contact the Support Center.
KAPM05895-E	The registry key that must be acquired does not exist. Output destinations: Destinations for output level 10.	The registry key that must be acquired does not exist. Collect maintenance information, and then contact the Support Center.
KAPM05896-E	Initialization of the log failed. Output destinations: In window only.	Initialization of the log failed. Collect maintenance information, and then contact the Support Center.
KAPM05897-E	An attempt to acquire the installation path has failed. Output destinations: In window only.	An attempt to acquire the installation path has failed. Collect maintenance information, and then contact the Support Center.
KAPM05898-E	An attempt to create the log file path has failed. Output destinations: In window only.	An attempt to create the log file path has failed. Collect maintenance information, and then contact the Support Center.
KAPM05899-E	There is no registry key for HBase. Output destinations: In window only.	There is no registry key for HiCommand Suite Common Component. Collect maintenance information, and then contact the Support Center.
KAPM05900-I	The `hcmdsdbtrans` command has started. Output destinations: Destinations for output level 10, and windows.	The `hcmdsdbtrans` command has started.
KAPM05901-I	The `hcmdsdbtrans` command ended normally. Output destinations: Destinations for output level 10, and windows.	The `hcmdsdbtrans` command ended normally.
KAPM05902-E	An option is invalid. Output destinations: In window only.	An option is invalid. Specify correct options, and then re-execute the command.

Error Code	Error Message	Description and Action
KAPM05903-E	An option is invalid. Code=[*aa...aa*], Data=[*bb...bb*] *aa...aa*: Code indicating generation location *bb...bb*: Generated option and value Output destinations: Destinations for output level 10.	An option is invalid. Specify correct options, and then re-execute the command.
KAPM05904-I	`hcmdsdbtrans` [*aa...aa*]{,[*bb...bb*],.....[.....]} *aa...aa*: Command line argument *bb...bb*: Command line argument Output destinations: Destinations for output level 10.	The options specified for the command are displayed.
KAPM05905-E	The path specified in the *aa...aa* option is not an absolute path. *aa...aa*: Option Output destinations: Destinations for output level 10.	The path specified in the *aa...aa* option is not an absolute path. Specify the absolute path, and then try again.
KAPM05909-E	An unexpected exception occurred. Output destinations: Destinations for output level 10, and windows.	An unexpected exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM05910-E	An attempt to acquire the version of *aa...aa* has failed. *aa...aa*: Product name Output destinations: Destinations for output level 10, and windows.	An attempt to acquire the version of the installed *aa...aa* failed. Make sure that the products have been properly installed, and if necessary, take actions to satisfy this condition. If an error still occurs after taking the above actions, collect maintenance information, and then contact Customer Support.
KAPM05911-E	*aa...aa* is a version that cannot be registered. *aa...aa*: Product name Output destinations: Destinations for output level 10, and windows.	The *aa...aa* data in the registration data cannot be registered because the data cannot be used with the installed *aa...aa* version. Change the installed *aa...aa* version to the version used when the registration data was created, or to a version for which the registration data can be moved. If operation is possible without registering the *aa...aa* data, exclude this data and register the data for the other products.
KAPM05912-I	*aa...aa* cannot be registered because it is not installed. *aa...aa*: Product name Output destinations: Destinations for output level 10, and windows.	*aa...aa* cannot be registered because it is not installed. If the *aa...aa* data is necessary, install *aa...aa*, and then re-execute the command.
KAPM05913-E	Processing to register *aa...aa* will stop because it is not installed. *aa...aa*: Product name Output destinations: Destinations for output level 10, and windows.	Processing to register data will stop because *aa...aa,* specified in the type option, is not installed. If registration of *aa...aa* is necessary, install *aa...aa* and then re-execute the command. If operation is possible without registering the *aa...aa* data, exclude this data and register the data for the other products.

Error Code	Error Message	Description and Action
KAPM05914-E	Processing to register *aa...aa* will stop because it is not in the registration data. *aa...aa*: Product name Output destinations: Destinations for output level 10, and windows.	Processing to register data will stop because *aa...aa*, specified in the type option, is not in the registration data. Use the type option to specify only the products that are included in the archive file or in the directory specified by the workpath option.
KAPM05915-E	An attempt was made to register primary server data into the secondary server. Output destinations: Destinations for output level 10, and windows.	An attempt was made to register primary server data into the secondary server. Check the data to be imported.
KAPM05916-E	An attempt was made to register secondary server data into the primary server. Output destinations: Destinations for output level 10, and windows.	An attempt was made to register secondary server data into the primary server. Check the data to be imported and the setting of the server to which the data is to be imported.
KAPM05920-E	The archive file specification is incorrect. Output destinations: Destinations for output level 10, and windows.	The archive file name specified in the file option is incorrect. Revise the path specified in the command option.
KAPM05921-E	An attempt to extract the archive file has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to extract the archive file specified in the file option has failed. Make sure the following conditions are satisfied, and if necessary, take actions to satisfy them: ▪ The capacity of the disk used for the directory specified by the workpath option is sufficient. ▪ The archive file is for the hcmdsdbtrans command. If an error still occurs after taking the above actions, collect maintenance information, and then contact Customer Support.
KAPM05922-E	An attempt to create an archive file has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to create an archive file has failed. Make sure that you secure sufficient space in the disk that is to store the archive file. If an error still occurs even after securing the disk space, collect maintenance information, and then contact Customer Support.
KAPM05923-E	An archive file cannot be created because the data exceeds 2 GB. Output destinations: Destinations for output level 10, and windows.	An archive file cannot be created because the data exceeds 2 GB. Instead of the archive file, transfer the data stored in the directory specified by the workpath option to the migration destination server.
KAPM05924-E	The work directory specification is incorrect. Output destinations: Destinations for output level 10, and windows.	The work directory specification is incorrect. Revise the path specified in the workpath option.
KAPM05925-E	The work directory is not empty. Output destinations: Destinations for output level 10, and windows.	The work directory is not empty. Specify an empty directory or uncreated directory as the work directory.

Error Code	Error Message	Description and Action
KAPM05926-E	The format of the registration data in the work directory is incorrect. Output destinations: Destinations for output level 10, and windows.	A file or directory required by the `hcmdsdbtrans` command is not in the work directory specified by the workpath option. ▪ When the file option is specified Check whether the specified file is the archive file for the `hcmdsdbtrans` command. ▪ When the file option is not specified Check whether all the contents of the directory specified by the workpath option when exporting are stored in the directory specified by the workpath option. If an error still occurs after taking the above actions, collect maintenance information, and then contact Customer Support.
KAPM05927-E	DBMS is not running. Output destinations: Destinations for output level 10, and windows.	Data I/O cannot be performed because the DBMS is not running. Start the DBMS by using the `hcmdsdbsrv` command.
KAPM05928-E	DBMS is not set up. Output destinations: Destinations for output level 10, and windows.	Data I/O cannot be performed because the DBMS is not set up. Make sure the installation status of the product is correct.
KAPM05929-W	An attempt to delete the work directory has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to delete a file or directory made in the work directory has failed. Please delete the work directory.
KAPM05930-I	*aa...aa* will now be exported. *aa...aa*: "The application data" or "The authentication data" Output destinations: Destinations for output level 10, and windows.	*aa...aa* will now be exported.
KAPM05931-I	*aa...aa* has been exported. *aa...aa*: "The application data" or "The authentication data" Output destinations: Destinations for output level 10, and windows.	*aa...aa* has been exported.
KAPM05932-I	*aa...aa* has been deleted from the authentication data. *aa...aa*: Product name Output destinations: Destinations for output level 10, and windows.	*aa...aa* has been deleted from the authentication data.
KAPM05933-I	The archive file will now be created. Output destinations: Destinations for output level 10, and windows.	The archive file will now be created.
KAPM05934-I	The archive file has been created. Output destinations: Destinations for output level 10, and windows.	The archive file has been created.

Error Code	Error Message	Description and Action
KAPM05935-I	The archive file will now be extracted. Output destinations: Destinations for output level 10, and windows.	The archive file will now be extracted.
KAPM05936-I	The archive file has been extracted. Output destinations: Destinations for output level 10, and windows.	The archive file has been extracted.
KAPM05937-I	*aa...aa* will now be imported. *aa...aa*: "The application data" or "The authentication data" Output destinations: Destinations for output level 10, and windows.	*aa...aa* will now be imported.
KAPM05938-I	*aa...aa* has been imported. *aa...aa*: "The application data" or "The authentication data" Output destinations: Destinations for output level 10, and windows.	*aa...aa* has been imported.
KAPM05939-E	*aa...aa* *aa...aa*: Details from the time of the error Output destinations: Destinations for output level 10.	See the preceding detailed error message. Take action according to the preceding message.
KAPM05950-E	The specified product is not supported. Output destinations: In window only.	The product specified by the version acquisition function is not supported. Collect maintenance information, and then contact the Support Center.
KAPM05951-E	The sub-key that shows the version does not exist. Output destinations: In window only.	There is no sub-key that indicates the version. Please make sure the product has been correctly installed. If it has been correctly installed, acquire the maintenance information, and then contact the Support Center.
KAPM05952-E	The specified product is not installed. Output destinations: Destinations for output level 10, and windows.	The product specified by the version acquisition function is not installed. Please install the product specified by the option.
KAPM05953-I	The processing of the hcmdsvrsutil library succeeded. Output destinations: Destinations for output level 10.	The processing of the version acquisition function succeeded.
KAPM05954-E	The product name is not specified. Output destinations: In window only.	The product name is not specified. Please specify the product name, and then re-execute the command.
KAPM05955-E	The product names do not match. Output destinations: Destinations for output level 10, and windows.	The product names do not match. Please specify the correct product name, and then re-execute the command.
KAPM05956-E	The processing of the hcmdsvrsutil library failed. Output destinations: Destinations for output level 10, and windows.	The processing of the version acquisition function failed. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM05957-E	There is no registry key for the specified product. Output destinations: Destinations for output level 10, and windows.	There is no registry key for the product specified by the version acquisition function. Please make sure the product has been correctly installed. If it has been correctly installed, acquire the maintenance information, and then contact the Support Center.
KAPM05958-E	An attempt to acquire the sub-key that shows the version of the specified product has failed. Output destinations: In window only.	There is no sub-key that indicates the version of the product specified by the version acquisition function. Please make sure the product has been correctly installed. If it has been correctly installed, acquire the maintenance information, and then contact the Support Center.
KAPM05959-E	The file that stores the installation path is invalid. Output destinations: Destinations for output level 10, and windows.	The file that stores the installation path is invalid. Collect maintenance information, and then contact the Support Center.
KAPM05970-I	The `hcmdsppvrs` command was successful. Output destinations: Destinations for output level 10.	The version acquisition function was successful.
KAPM05971-E	The specified product is not installed. (product name = *aa...aa*) *aa...aa*: Product name Output destinations: Destinations for output level 10, and windows.	The product specified by the version acquisition function is not installed. Please install the specified product.
KAPM05972-E	An attempt to acquire version information for the specified product has failed. Output destinations: Destinations for output level 10, and windows.	The version of the product specified by the version acquisition function could not be acquired. Please make sure the product has been correctly installed. If it has been correctly installed, acquire the maintenance information, and then contact the Support Center.
KAPM05973-I	The `hcmdsppvrs` command has started. Output destinations: Destinations for output level 10.	The version acquisition function started.
KAPM05974-I	The `hcmdsppvrs` command has ended. Output destinations: Destinations for output level 10.	The version acquisition function ended.
KAPM05975-E	A fatal error occurred. Output destinations: In window only.	A fatal error occurred. Collect maintenance information, and then contact the Support Center.
KAPM05976-E	Log initialization failed. Output destinations: In window only.	Initialization of the log failed. Collect maintenance information, and then contact the Support Center.
KAPM05977-E	Initialization of the installation path has failed. Output destinations: In window only.	Initialization of the installation path failed. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM05978-E	An attempt to assign memory to store the log file path has failed. Output destinations: In window only.	An attempt to assign memory to store the log file path has failed. Collect maintenance information, and then contact the Support Center.
KAPM05979-E	The number of specified options is invalid. Output destinations: Destinations for output level 10.	The number of options specified by the version acquisition function is invalid. Collect maintenance information, and then contact the Support Center.
KAPM05980-E	A file already exists at the specified output destination. Output destinations: Destinations for output level 10.	The file already exists at the output destination specified by the version acquisition function. Collect maintenance information, and then contact the Support Center.
KAPM05981-E	A folder already exists at the specified output destination. Output destinations: Destinations for output level 10.	The folder already exists at the output destination specified by the version acquisition function. Collect maintenance information, and then contact the Support Center.
KAPM05982-E	The file-creation function failed. Output destinations: Destinations for output level 10.	The function that creates the file for writing the version value failed. Collect maintenance information, and then contact the Support Center.
KAPM05983-E	The file-writing function failed. Output destinations: Destinations for output level 10.	The function that writes the version value to the file failed. Collect maintenance information, and then contact the Support Center.
KAPM05984-I	The version was successfully acquired. (product name = *aa...aa*, version = *bb...bb*) *aa...aa*: Product name *bb...bb*: Version Output destinations: Destinations for output level 10, and windows.	The version acquisition was successful.
KAPM05985-E	An attempt to acquire the version has failed. (product name = *aa...aa*) *aa...aa*: Product name Output destinations: Destinations for output level 10, and windows.	An attempt to acquire the version has failed. Please make sure the product has been correctly installed. If it has been correctly installed, acquire the maintenance information, and then contact the Support Center.
KAPM05986-E	A fatal error occurred: *aa...aa* *aa...aa*: Detailed message Output destinations: Destinations for output level 10, and windows.	A fatal error occurred. A detailed message showing the cause is output. Make sure the specified product is supported. If it is supported, the specified product name might be incorrect; so enter the correct product name, and then re-execute the command.
KAPM05987-I	The processing of the hcmdsvrsutil library succeeded. Output destinations: Destinations for output level 10.	The processing of the version acquisition function succeeded.

Error Code	Error Message	Description and Action
KAPM05988-E	The processing of the hcmdsvrsutil library failed. (RTN = *aa...aa*, message = *bb...bb*) *aa...aa*: Version acquisition function return code *bb...bb*: Version acquisition function error message Output destinations: Destinations for output level 10.	The processing of the version acquisition function failed. Collect maintenance information, and then contact the Support Center.
KAPM05999-E	Fatal error. Output destinations: Destinations for output level 0.	Fatal error. Collect maintenance information, and then contact the Support Center.
KAPM06001-I	Updating of the database has started. Output destinations: Destinations for output level 10.	Updating of the database has started.
KAPM06002-I	The database was updated from 01-00 to 01-01. Output destinations: Destinations for output level 10.	The database was updated from 01-00 to 01-01.
KAPM06003-I	The database need not be updated to 01-01. Output destinations: Destinations for output level 10.	The database does not need to be updated to 01-01.
KAPM06004-I	The database updating from 01-01 to 03-00 has started. Output destinations: Destinations for output level 10.	The database updating from 01-01 to 03-00 has started.
KAPM06005-I	The database was updated from 01-01 to 03-00. Output destinations: Destinations for output level 10.	The database was updated from 01-01 to 03-00.
KAPM06006-I	The database need not be updated to 03-00. Output destinations: Destinations for output level 10.	The database does not need updating to 03-00.
KAPM06007-I	The database is already updated. Output destinations: Destinations for output level 10.	The database is already updated.
KAPM06008-E	Updating of the database abnormally ended. Output destinations: Destinations for output level 10.	Updating of the database has abnormally ended. Collect maintenance information, and then contact the Support Center.
KAPM06009-I	Updating of the database has ended. Output destinations: Destinations for output level 0.	Updating of the database has ended.
KAPM06010-E	An attempt to backup of the database has failed. Output destinations: Destinations for output level 10.	An attempt to backup the database has failed. Collect maintenance information, and then contact the Support Center.
KAPM06011-E	An attempt to restore of the database has failed. Output destinations: Destinations for output level 10.	An attempt to restore the database has failed. Collect maintenance information, and then contact the Support Center.
KAPM06012-I	The database does not need to be updated to *aa...aa*. *aa...aa*: Version Output destinations: Destinations for output level 10.	The database does not need to be updated to *aa...aa*.

Error Code	Error Message	Description and Action
KAPM06013-I	The database has been updated from *aa...aa* to *bb...bb*. *aa...aa*: Old version *bb...bb*: New version Output destinations: Destinations for output level 10.	The database has been updated from *aa...aa* to *bb...bb*.
KAPM06015-E	An attempt to change the database meta definition has failed. Output destinations: Destinations for output level 10.	An attempt to change the database meta definition has failed. Confirm that InterBase has started. If it has started, collect maintenance information, and contact the Support Center.
KAPM06016-E	The version of the database to be upgraded is unknown. Output destinations: Destinations for output level 10.	The version of the database to be upgraded is unknown. Collect maintenance information, and then contact the Support Center.
KAPM06017-E	The current database version could not be obtained. Output destinations: Destinations for output level 10.	The current database version could not be obtained. Confirm that InterBase has started. If it has started, collect maintenance information, and contact the Support Center.
KAPM06018-E	An attempt to acquire the connection has failed. Output destinations: Destinations for output level 10.	An attempt to acquire the connection has failed. Confirm that InterBase has started. If it has started, collect maintenance information, and contact the Support Center.
KAPM06019-E	An attempt to set up the auto-commit function has failed. Output destinations: Destinations for output level 10.	An attempt to set up the auto-commit function has failed. Confirm that InterBase has started. If it has started, collect maintenance information, and contact the Support Center.
KAPM06020-E	An attempt to create the lock table has failed. Output destinations: Destinations for output level 10.	An attempt to create the lock table has failed. Confirm that InterBase has started. If it has started, collect maintenance information, and contact the Support Center.
KAPM06021-E	An attempt to lock the table has failed. Output destinations: Destinations for output level 10.	An attempt to lock the table has failed. Confirm that InterBase has started. If it has started, collect maintenance information, and contact the Support Center.
KAPM06022-E	An attempt to execute SQL has failed. Output destinations: Destinations for output level 10.	An attempt to execute SQL has failed. Confirm that InterBase has started. If it has started, collect maintenance information, and contact the Support Center.
KAPM06023-E	An attempt to update the version of the database version table has failed. Output destinations: Destinations for output level 10.	An attempt to update the version of the database version table has failed. Confirm that InterBase has started. If it has started, collect maintenance information, and contact the Support Center.
KAPM06024-E	An error occurred during an attempt to read a file. Output destinations: Destinations for output level 10.	An error occurred during an attempt to read a file. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM06025-E	An attempt to acquire the database version has failed. Output destinations: Destinations for output level 10.	An attempt to acquire the database version has failed. Confirm that InterBase has started. If it has started, collect maintenance information, and contact the Support Center.
KAPM06026-E	An attempt to upgrade the database has failed. Output destinations: Destinations for output level 10.	An attempt to upgrade the database has failed. Confirm that InterBase has started. If it has started, collect maintenance information, and contact the Support Center.
KAPM06027-I	The database was successfully updated. Output destinations: Destinations for output level 10.	The database was successfully updated.
KAPM06028-E	An attempt to set up the environment has failed. (system property name = *aa...aa*) *aa...aa*: System property name Output destinations: Destinations for output level 10.	An attempt to set up the environment has failed. Collect maintenance information, and then contact the Support Center.
KAPM06029-E	Database is not running. Output destinations: Destinations for output level 10.	The DBMS is not running. Please start HiRDB.
KAPM06030-E	Disk capacity is insufficient. Output destinations: Destinations for output level 10.	Disk capacity is insufficient. Restore the repository from the backup file, increase the database capacity, and then re-execute.
KAPM06031-E	An attempt to upgrade the database has failed. Output destinations: Destinations for output level 0.	An attempt to upgrade the database has failed. Restore the repository from the backup file, and then re-execute. If the problem cannot be resolved even after re-execution, collect maintenance information, and then contact the Support Center.
KAPM06032-E	An attempt to acquire the database version has failed. Output destinations: Destinations for output level 10.	An attempt to acquire the database version has failed. Collect maintenance information, and then contact the Support Center.
KAPM06033-E	The current database version is incorrect. Output destinations: Destinations for output level 10.	The current database version is incorrect. Collect maintenance information, and then contact the Support Center.
KAPM06034-E	Exclusion control of a TNB_DBVersion table has failed. Output destinations: Destinations for output level 10.	Exclusion control of a TNB_DBVersion table has failed. Collect maintenance information, and then contact the Support Center.
KAPM06035-E	The access class of a database could not be found. Output destinations: Destinations for output level 10.	The access class of a database could not be found. Collect maintenance information, and then contact the Support Center.
KAPM06036-E	Access of a database has failed. Output destinations: Destinations for output level 10.	Access of a database has failed. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM06037-I	The database has been update from version *aa...aa* to *bb...bb*. Output destinations: Destinations for output level 10.	The database has been update from version *aa...aa* to *bb...bb*.
KAPM06038-E	An attempt to acquire the user names of users who access the database has failed. Output destinations: Destinations for output level 10.	An attempt to acquire the user names of users who access the database has failed. Collect maintenance information, and then contact the Support Center.
KAPM06039-E	The version of the target database is unknown. Output destinations: Destinations for output level 10.	The version of the target database is unknown. Collect maintenance information, and then contact the Support Center.
KAPM06040-E	An unexpected error occurred. Output destinations: Destinations for output level 10.	An unexpected error occurred. Collect maintenance information, and then contact the Support Center.
KAPM06041-E	An attempt to clear an HiRDB environment variable has failed. Output destinations: Destinations for output level 10.	An attempt to clear an HiRDB environment variable has failed. Collect maintenance information, and then contact the Support Center.
KAPM06042-W	The SQL will be disregarded. (SQL = *aa...aa*, error code = *bb...bb*) *aa...aa*: Executed SQL statement *bb...bb*: Error code Output destinations: Destinations for output level 10.	This message is displayed when the executed SQL statement is to be disregarded during processing to upgrade the database version.
KAPM06043-E	An attempt to perform a rollback has failed. Output destinations: Destinations for output level 10.	This message is displayed when an attempt to perform a rollback during processing to upgrade the database version has failed. Make sure the DBMS has started, and then re-execute. If you cannot solve the problem, collect the maintenance information, and then contact the Support Center.
KAPM06044-E	The version upgrade definition file is invalid. Output destinations: Destinations for output level 10.	The version upgrade definition file is invalid. Collect maintenance information, and then contact the Support Center.
KAPM06045-I	The SQL will now be executed. (SQL = *aa...aa*) *aa...aa*: SQL statement Output destinations: Destinations for output level 10.	This message is displayed when the SQL statement is to be executed during processing to upgrade the database version.
KAPM06046-I	Processing to upgrade the database version started. (version = *aa...aa*) *aa...aa*: Database version Output destinations: Destinations for output level 10.	Processing to upgrade the database version started.
KAPM06047-I	Processing to upgrade the database version ended. (version = *aa...aa*) *aa...aa*: Database version Output destinations: Destinations for output level 10.	Processing to upgrade the database version ended.

Error Code	Error Message	Description and Action
KAPM06048-E	An attempt to execute the SQL has failed. (SQL = *aa...aa*, error code = *bb...bb*) *aa...aa*: Executed SQL statement *bb...bb*: Error code Output destinations: Destinations for output level 10.	This message is displayed when an attempt to execute the SQL during processing to upgrade the database version has failed. Make sure the DBMS has started, and then re-execute. If you cannot solve the problem, collect the maintenance information, and then contact the Support Center.
KAPM06100-I	The hcmdschgurl command started. Output destinations: Destinations for output level 10.	The hcmdschgurl command started.
KAPM06101-I	The hcmdschgurl command successfully ended. Output destinations: Destinations for output level 10.	The hcmdschgurl command successfully ended.
KAPM06102-E	The hcmdschgurl command abnormally ended. Output destinations: Destinations for output level 10.	The hcmdschgurl command abnormally ended. Collect maintenance information, and then contact the Support Center.
KAPM06103-I	An attempt to back up the database has succeeded. Output destinations: Destinations for output level 10.	An attempt to back up the database has succeeded.
KAPM06104-E	An attempt to back up the database has failed. Output destinations: Destinations for output level 10.	An attempt to back up the database has failed. Collect maintenance information, and then contact the Support Center.
KAPM06105-I	An attempt to restore the database has succeeded. Output destinations: Destinations for output level 10.	An attempt to restore the database has succeeded.
KAPM06106-E	An attempt to restore the database has failed. Output destinations: Destinations for output level 10.	An attempt to restore the database has failed. Collect maintenance information, and then contact the Support Center.
KAPM06111-I	The URL was changed from "*aa...aa*" to "*bb...bb*". *aa...aa*: Old URL *bb...bb*: New URL Output destinations: Destinations for output level 10, and windows.	The URL was changed from "*aa...aa*" to "*bb...bb*".
KAPM06112-E	The specified URL before the change is invalid. URL = "*aa...aa*" *aa...aa*: URL Output destinations: Destinations for output level 10, and windows.	The specified URL before the change is invalid. Confirm that the URL is valid.
KAPM06113-E	The specified URL after the change is invalid. URL = "*aa...aa*" *aa...aa*: URL Output destinations: Destinations for output level 10, and windows.	The specified URL after the change is invalid. Confirm that the URL is valid.
KAPM06114-E	An attempt to connect to the database has failed. Output destinations: Destinations for output level 0, and windows.	An attempt to connect to the database has failed. Confirm that the InterBase or the InterClient service is running.
KAPM06115-E	An option is invalid. Output destinations: Destinations for output level 10.	An option is invalid. Confirm that the option is valid.

Error Code	Error Message	Description and Action
KAPM06116-E	CIMException occurred. Description = "*aa...aa*" *aa...aa*: Error details Output destinations: Destinations for output level 10.	CIMException occurred. Collect maintenance information, and then contact the Support Center.
KAPM06117-E	An unexpected error occurred. Description = "*aa...aa*" *aa...aa*: Error details Output destinations: Destinations for output level 0, and windows.	An unexpected error occurred. Collect maintenance information, and then contact the Support Center.
KAPM06118-E	The BaseURL column does not exist in the class. class name = "*aa...aa*" *aa...aa*: Class name Output destinations: Destinations for output level 10.	The BaseURL column does not exist in the class. Collect maintenance information, and then contact the Support Center.
KAPM06119-W	The specified URL does not exist in the class. URL = "*aa...aa*" *aa...aa*: URL Output destinations: Destinations for output level 10, and windows.	The specified URL does not exist in the class. Confirm that the URL is valid.
KAPM06120-I	The URL is not registered. Output destinations: Destinations for output level 10, and windows.	The URL is not registered.
KAPM06121-E	IllegalDataException occurred. Description = "*aa...aa*" *aa...aa*: Details Output destinations: Destinations for output level 0, and windows.	IllegalDataException occurred. Collect maintenance information, and then contact the Support Center.
KAPM06122-W	The specified URL before the change and after the change are same. Output destinations: Destinations for output level 10, and windows.	The specified URL before the change and after the change are same. Confirm that the URL is valid.
KAPM06130-I	The hcmdsinitsetup command has started. Output destinations: Destinations for output level 10.	The hcmdsinitsetup command has started.
KAPM06131-I	The hcmdsinitsetup command was successful. Output destinations: Destinations for output level 10.	The hcmdsinitsetup command was successful.
KAPM06132-E	The hcmdsinitsetup command has failed. Output destinations: Destinations for output level 10.	The hcmdsinitsetup command has failed.
KAPM06138-E	A required database path is missing. Output destinations: Destinations for output level 10.	A required database path is missing.
KAPM06139-E	An error occurred during a parameter check. Output destinations: Destinations for output level 10.	An error occurred during a parameter check.
KAPM06140-E	Memory is insufficient. Output destinations: Destinations for output level 10.	Memory is insufficient. Check the memory capacity for the operation environment. If necessary, increase the memory.

Error Code	Error Message	Description and Action
KAPM06141-E	The HiRDB environment already exists. Output destinations: Destinations for output level 10.	The HiRDB environment already exists. Collect maintenance information, and then contact the Support Center.
KAPM06142-E	Free disk space is insufficient. Output destinations: Destinations for output level 10.	Free disk space is insufficient. Check the disk capacity for the operation environment. If necessary, free some disk area.
KAPM06143-E	An error occurred in the system definition entry file. Output destinations: Destinations for output level 10.	An error occurred in the system definition entry file. Collect maintenance information, and then contact the Support Center.
KAPM06144-E	The port is already being used. Output destinations: Destinations for output level 10.	The port is already being used. Collect maintenance information, and then contact the Support Center.
KAPM06145-E	Other errors. Output destinations: Destinations for output level 10.	Other errors. Collect maintenance information, and then contact the Support Center.
KAPM06146-E	An attempt to create the file has failed. Output destinations: Destinations for output level 10.	An attempt to create the file has failed.
KAPM06147-E	An attempt to write to the file has failed. Output destinations: Destinations for output level 10.	An attempt to write to the file has failed.
KAPM06149-E	An attempt to delete the file has failed. Output destinations: Destinations for output level 10.	An attempt to delete the file has failed.
KAPM06153-E	An attempt to execute the command has failed. Output destinations: Destinations for output level 10.	An attempt to execute the command has failed.
KAPM06154-E	An unexpected exception occurred. Output destinations: Destinations for output level 10.	An unexpected exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM06159-E	An attempt to acquire a cluster configuration file has failed. Output destinations: Destinations for output level 10.	An attempt to acquire a cluster configuration file has failed. Check the cluster configuration file.
KAPM06160-E	The value of hcmds.home cannot be acquired. Output destinations: Destinations for output level 10.	The value of hcmds.home cannot be acquired. Collect maintenance information, and then contact the Support Center.
KAPM06161-E	The cluster configuration file was not found. Output destinations: Destinations for output level 10.	The cluster configuration file was not found. Check the cluster configuration file.
KAPM06162-E	An attempt to acquire the key name has failed. Output destinations: Destinations for output level 10.	An attempt to acquire the key name has failed. Check the cluster configuration file.
KAPM06163-E	An attempt to acquire a value has failed. Output destinations: Destinations for output level 10.	An attempt to acquire a value has failed. Check the cluster configuration file.
KAPM06164-E	A CIMClassNotFoundException occurred. Output destinations: Destinations for output level 10.	A CIMClassNotFoundException occurred. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM06165-E	An attempt to delete the file has failed. (file = "*aa...aa*") *aa...aa*: File name Output destinations: Destinations for output level 10.	An attempt to delete the file has failed. See the next message.
KAPM06166-E	An attempt to register the authentication data has failed. Output destinations: Destinations for output level 0, and windows.	An attempt to register the authentication data has failed. Please restart the Single Sign On server.
KAPM06169-E	An attempt to log in as an internal user has failed. Output destinations: Destinations for output level 10.	An attempt to log in as an internal user has failed. See the next message.
KAPM06170-I	The `hcmdsdbstatus` command has started. Output destinations: Destinations for output level 10.	The `hcmdsdbstatus` command has started.
KAPM06171-I	The `hcmdsdbstatus` command has ended. Output destinations: Destinations for output level 10.	The `hcmdsdbstatus` command has terminated.
KAPM06172-I	The `hcmdsdbstatus` command was successful. Output destinations: Destinations for output level 10.	The `hcmdsdbstatus` command was successful.
KAPM06173-E	The `hcmdsdbstatus` command has failed. Output destinations: Destinations for output level 10.	The `hcmdsdbstatus` command has failed. Collect maintenance information, and then contact the Support Center.
KAPM06176-I	The DBMS is running. Output destinations: Destinations for output level 10, and windows.	The DBMS is running.
KAPM06177-I	The DBMS is now starting or shutting down. Output destinations: Destinations for output level 10, and windows.	The DBMS is now starting or shutting down.
KAPM06178-I	The DBMS service has stopped. Output destinations: Destinations for output level 10, and windows.	The DBMS stopped.
KAPM06179-E	The DBMS restart was interrupted. Output destinations: Destinations for output level 10, and windows.	The restart of the DBMS was interrupted. Collect maintenance information, and then contact the Support Center.
KAPM06180-E	The DBMS service has stopped or does not exist. Output destinations: Destinations for output level 10, and windows.	The DBMS service has stopped or does not exist. Collect maintenance information, and then contact the Support Center.
KAPM06181-E	The database has not been set up. Output destinations: Destinations for output level 10, and windows.	The database has not been set up. Collect maintenance information, and then contact the Support Center.
KAPM06182-E	An internal error occurred. Output destinations: Destinations for output level 10, and windows.	An internal error occurred. Collect maintenance information, and then contact the Support Center.
KAPM06183-I	Command execution results: "*aa...aa*" *aa...aa*: Displayed output of the executed command Output destinations: Destinations for output level 10.	Execution result of command.

Error Code	Error Message	Description and Action
KAPM06184-E	An attempt to execute the command has failed. Output destinations: Destinations for output level 10.	The execution of the command failed. Collect maintenance information, and then contact the Support Center.
KAPM06185-E	An exception occurred. Output destinations: Destinations for output level 10.	An exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM06186-E	The value of `hcmds.home` could not be acquired. Output destinations: In window only.	The value of `hcmds.home` cannot be acquired. Collect maintenance information, and then contact the Support Center.
KAPM06187-E	An attempt to judge the DBMS status has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to judge the DBMS status has failed. Collect maintenance information, and then contact the Support Center.
KAPM06203-E	The list of table name is empty. Output destinations: Destinations for output level 10, and windows.	The list of table name is empty. Collect maintenance information, and then contact the Support Center.
KAPM06206-E	An unexpected error occurred during InterBase processing. Output destinations: Destinations for output level 10, and windows.	An unexpected error occurred during InterBase processing. Collect maintenance information, and then contact the Support Center.
KAPM06207-E	The list of table names is empty. Output destinations: Destinations for output level 10, and windows.	The list of table names is empty. Collect maintenance information, and then contact the Support Center.
KAPM06209-I	A table aa...aa has been created. *aa...aa*: Table name Output destinations: Destinations for output level 10.	Table *aa...aa* has been created.
KAPM06214-E	InterBaseServer is not running. Output destinations: Destinations for output level 10, and windows.	InterBaseServer is not running. Make sure that InterBaseServer is running.
KAPM06215-E	InterServer is not running. Output destinations: Destinations for output level 10, and windows.	InterServer is not running. Make sure that InterServer is running.
KAPM06216-E	An argument contains a null value. Output destinations: Destinations for output level 10, and windows.	An argument contains a null value. Collect maintenance information, and then contact the Support Center.
KAPM06217-E	The option is invalid. Output destinations: Destinations for output level 10, and windows.	The option is invalid. Collect maintenance information, and then contact the Support Center.
KAPM06218-E	The specified directory cannot be created. (directory = *aa...aa*). *aa...aa*: Directory name Output destinations: Destinations for output level 10, and windows.	The specified directory cannot be created. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM06219-E	The specified directory name already exists as a file. (file = *aa...aa*) *aa...aa*: File name Output destinations: Destinations for output level 10, and windows.	The specified directory name already exists as a file. Collect maintenance information, and then contact the Support Center.
KAPM06220-E	The specified file name already exists as a directory. (directory = *aa...aa*) *aa...aa*: Directory name Output destinations: Destinations for output level 10, and windows.	The specified file name already exists as a directory. Collect maintenance information, and then contact the Support Center.
KAPM06221-E	The specified database file (*aa...aa*) does not exist. *aa...aa*: Database file name Output destinations: Destinations for output level 10, and windows.	The specified database file (*aa...aa*) does not exist. Collect maintenance information, and then contact the Support Center.
KAPM06222-E	The specified XML file (*aa...aa*) does not exist. *aa...aa*: XML file name Output destinations: Destinations for output level 10, and windows.	The specified XML file (*aa...aa*) does not exist. Collect maintenance information, and then contact the Support Center.
KAPM06223-E	The specified value is invalid. (value = *aa...aa*) *aa...aa*: Value Output destinations: Destinations for output level 10, and windows.	The specified value is invalid. Collect maintenance information, and then contact the Support Center.
KAPM06224-E	The specified arguments are insufficient. Output destinations: Destinations for output level 10, and windows.	The specified arguments are insufficient. Collect maintenance information, and then contact the Support Center.
KAPM06226-E	The specified file (*aa...aa*) does not exist in the argument of the pdload command. *aa...aa*: Name of non-existent file Output destinations: Destinations for output level 10, and windows.	The specified file (*aa...aa*) does not exist in the argument of the pdload command. Collect maintenance information, and then contact the Support Center.
KAPM06227-I	The processing on table *aa...aa* finished successfully. *aa...aa*: Table name Output destinations: Destinations for output level 10.	The processing on table *aa...aa* finished successfully.
KAPM06228-E	The CSV file (*aa...aa*) contains an invalid line. *aa...aa*: File name Output destinations: Destinations for output level 10, and windows.	The CSV file (*aa...aa*) contains an invalid line. Collect maintenance information, and then contact the Support Center.
KAPM06229-E	An attempt to read the data from table *aa...aa* has failed. *aa...aa*: Table name Output destinations: Destinations for output level 10, and windows.	An attempt to read the data from table *aa...aa* has failed. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM06230-E	An unexpected return value (*aa...aa*) was returned from the pdload command. *aa...aa*: Unexpected return value Output destinations: Destinations for output level 10, and windows.	An unexpected return value (*aa...aa*) was returned from the pdload command. Collect maintenance information, and then contact the Support Center.
KAPM06231-E	An attempt to upgrade InterBase has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to upgrade InterBase has failed. Collect maintenance information, and then contact the Support Center.
KAPM06232-E	An SQL exception occurred. Output destinations: Destinations for output level 10, and windows.	An SQL exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM06234-E	A table name in XML is null or 0 bytes. Output destinations: Destinations for output level 10, and windows.	A table name in XML is null or 0 bytes. Collect maintenance information, and then contact the Support Center.
KAPM06235-E	An unexpected XML tag (*aa...aa*) has been detected. *aa...aa*: Unexpected XML tag Output destinations: Destinations for output level 10, and windows.	An unexpected XML tag (*aa...aa*) has been detected. Collect maintenance information, and then contact the Support Center.
KAPM06239-E	An error occurred during SAX processing. Output destinations: Destinations for output level 10, and windows.	An error occurred during SAX processing. Collect maintenance information, and then contact the Support Center.
KAPM06241-E	A fatal error occurred during SAX processing. Output destinations: Destinations for output level 10, and windows.	A fatal error occurred during SAX processing. Collect maintenance information, and then contact the Support Center.
KAPM06242-E	An unexpected data length (*aa...aa*) was detected. *aa...aa*: Unexpected value Output destinations: Destinations for output level 10, and windows.	An unexpected data length (*aa...aa*) was detected. Collect maintenance information, and then contact the Support Center.
KAPM06243-E	A SAXException occurred. (details = *aa...aa*) *aa...aa*: SAXException detailed information Output destinations: Destinations for output level 10, and windows.	A SAXException occurred. Collect maintenance information, and then contact the Support Center.
KAPM06244-E	The length of the data to be moved to HiRDB exceeds the HiRDB limit. (data type of excessively long data, length) = (*aa...aa*, *bb...bb*) *aa...aa*: Data type of the excessively long data *bb...bb*: Length of the excessively long data Output destinations: Destinations for output level 10, and windows.	The length of the data to be moved to HiRDB exceeds the HiRDB limit. Collect maintenance information, and then contact the Support Center.
KAPM06245-E	HiRDB has not started. Output destinations: Destinations for output level 10, and windows.	HiRDB has not started. Please start HiRDB.
KAPM06246-I	The table *aa...aa* was successfully created. *aa...aa*: Table name Output destinations: Destinations for output level 10.	Table *aa...aa* was successfully created.

Error Code	Error Message	Description and Action
KAPM06247-E	The table *aa...aa* was not created. *aa...aa*: Table name Output destinations: Destinations for output level 10.	Table *aa...aa* was not created. Collect maintenance information, and then contact the Support Center.
KAPM06248-I	Processing ended normally. Output destinations: Destinations for output level 10, and windows.	Processing ended normally.
KAPM06249-E	An unexpected exception occurred. Output destinations: Destinations for output level 10, and windows.	An unexpected exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM06250-I	The data was registered successfully in table *aa...aa*. *aa...aa*: Table name Output destinations: Destinations for output level 10.	The data was registered successfully in table *aa...aa*.
KAPM06251-E	The data was not registered in table *aa...aa*. *aa...aa*: Table name Output destinations: Destinations for output level 10.	The data was not registered in table *aa...aa*. Collect maintenance information, and then contact the Support Center.
KAPM06252-E	Authentication has failed at *aa...aa*. *aa...aa*: Database name Output destinations: Destinations for output level 10, and windows.	Authentication has failed at *aa...aa*. Collect maintenance information, and then contact the Support Center.
KAPM06253-E	Application *aa...aa* is not supported. *aa...aa*: Application name Output destinations: Destinations for output level 10, and windows.	Databases of application *aa...aa* are not supported. Collect maintenance information, and then contact the Support Center.
KAPM06255-I	Processing to initialize database conversion is being performed. Output destinations: Destinations for output level 10, and windows.	Processing to initialize database conversion is being performed.
KAPM06256-E	The specified file could not be created. (file = *aa...aa*) *aa...aa*: File name Output destinations: Destinations for output level 10, and windows.	The specified file could not be created. Collect maintenance information, and then contact the Support Center.
KAPM06257-I	Data is now being read from the old database. (progress = *aa...aa*/*bb...bb*) *aa...aa*: Number of converted tables *bb...bb*: Total number of tables to be converted Output destinations: Destinations for output level 10, and windows.	The database is now being converted.
KAPM06258-I	The database is now being converted. (progress = *aa...aa*/*bb...bb*) *aa...aa*: Number of converted tables *bb...bb*: Total number of tables to be converted Output destinations: Destinations for output level 10, and windows.	The database is now being converted.

Error Code	Error Message	Description and Action
KAPM06259-E	The file *aa...aa* does not exist. *aa...aa*: File name Output destinations: Destinations for output level 10, and windows.	The file *aa...aa* does not exist. Collect maintenance information, and then contact the Support Center.
KAPM06303-E	The option(s) specified is insufficient. Output destinations: Destinations for output level 10, and windows.	The option(s) specified is insufficient. Specify all the necessary options.
KAPM06304-E	The option value specified is invalid. Output destinations: Destinations for output level 10, and windows.	The option value specified is invalid. Specify the option and specify the necessary proceeding values. (user name and password, etc.)
KAPM06305-E	The option "*aa...aa*" is not supported. *aa...aa*: Option name Output destinations: Destinations for output level 10, and windows.	The option "*aa...aa*" is not supported. Do not specify an unsupported option.
KAPM06306-E	The option "*aa...aa*" appears 2 times or more. *aa...aa*: Option name Output destinations: Destinations for output level 10, and windows.	The option "*aa...aa*" appears 2 times or more. Check the specification of the option.
KAPM06307-E	The combination of options is invalid. Output destinations: Destinations for output level 10, and windows.	The combination of options is invalid. Collect maintenance information, and then contact the Support Center.
KAPM06308-E	An argument contains a null value. Output destinations: Destinations for output level 10, and windows.	An argument contains a null value. Collect maintenance information, and then contact the Support Center.
KAPM06309-E	An exception occurred. Output destinations: Destinations for output level 10, and windows.	An exception occurred. See the following message KAPM49001-E for details. Collect maintenance information, and then contact the Support Center.
KAPM06310-E	The file "*aa...aa*" could not be read. *aa...aa*: File name Output destinations: Destinations for output level 10, and windows.	The file "*aa...aa*" could not be read. Confirm that the file exists, that the file is not in use, and that the make directory of the file is correct.
KAPM06311-E	The input file contains a grammar mistake. Output destinations: Destinations for output level 10, and windows.	The input file contains a grammar mistake. Correct the syntax error in the specified definition file.
KAPM06312-E	An error occurred when inputting the file. Output destinations: Destinations for output level 10.	An error occurred when inputting the file. Collect maintenance information, and then contact the Support Center.
KAPM06313-E	The specified value is invalid. value = *aa...aa* *aa...aa*: Value Output destinations: Destinations for output level 10.	The specified value is invalid. Confirm the value in the user definition application file.
KAPM06317-E	I/O of XML has failed. Output destinations: Destinations for output level 10.	I/O of XML has failed. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM06318-E	An error occurred in the SAX parser. Output destinations: Destinations for output level 10.	An error occurred in the SAX parser. Collect maintenance information, and then contact the Support Center.
KAPM06319-I	Processing ended normally. Output destinations: Destinations for output level 10, and windows.	Processing ended normally.
KAPM06321-E	The "*bb...bb*" file to be used by "*aa...aa*" does not exist. *aa...aa*: Command name, class name, etc. *bb...bb*: Name of the file that does not exist Output destinations: Destinations for output level 10, and windows.	The *bb...bb* file to be used by *aa...aa* does not exist. Check whether the file is in the specified location.
KAPM06322-E	An SQL exception occurred. Output destinations: Destinations for output level 10, and windows.	An SQL exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM06323-I	Execution of the "*aa...aa*" command ended normally. *aa...aa*: Command name Output destinations: In window only.	Execution of the *aa...aa* command ended normally.
KAPM06324-E	An attempt to execute the "*aa...aa*" command has failed. *aa...aa*: Command name Output destinations: Destinations for output level 10.	An attempt to execute the *aa...aa* command has failed.
KAPM06325-I	HiRDB was started. Output destinations: Destinations for output level 10.	HiRDB was started.
KAPM06326-E	HiRDB was not started. Output destinations: Destinations for output level 10.	HiRDB was not started. Collect maintenance information, and then contact the Support Center.
KAPM06327-I	HiRDB was stopped. Output destinations: Destinations for output level 10.	HiRDB was stopped.
KAPM06328-E	HiRDB was not stopped. Output destinations: Destinations for output level 10.	HiRDB was not stopped. Collect maintenance information, and then contact the Support Center.
KAPM06330-I	*aa...aa* processing started. *aa...aa*: Method name Output destinations: Destinations for output level 10.	*aa...aa* processing started.
KAPM06331-I	*aa...aa* processing finished. *aa...aa*: Method name Output destinations: Destinations for output level 10.	*aa...aa* processing finished.
KAPM06332-E	The database of the specified product has not been set up. Output destinations: Destinations for output level 10, and windows.	The database of the specified product has not been set up. Use the hcmdsdbsetup command to set up the database of the specified product.

Error Code	Error Message	Description and Action
KAPM06333-E	HiRDB cannot be stopped because a Suite product is connected to HiRDB. Output destinations: Destinations for output level 10.	HiRDB cannot be stopped because a Suite product is connected to HiRDB. Stop the Suite product that is connected to HiRDB, and then try again.
KAPM06334-E	InterBase is not running. Output destinations: Destinations for output level 10, and windows.	InterBase is not running. Check whether InterBaseServer is running. For details, check hcmdsdbconvert[n].log.
KAPM06335-E	The DBMS has not started. Output destinations: Destinations for output level 10, and windows.	The DBMS has not started. Check whether DBMS is running. For details, check hcmdsdbconvert[n].log.
KAPM06336-E	Authentication has failed at InterBase. Output destinations: Destinations for output level 10, and windows.	Authentication has failed at InterBase. Specify the correct user ID and password. For details, check hcmdsdbconvert[n].log.
KAPM06337-E	Authentication has failed in the DBMS. Output destinations: Destinations for output level 10, and windows.	Authentication has failed in the DBMS. Specify the correct user ID and password. For details, check hcmdsdbconvert[n].log.
KAPM06338-E	An unexpected exception occurred. Output destinations: Destinations for output level 10, and windows.	An unexpected exception occurred. Check hcmdsdbconvert[n].log.
KAPM06339-E	An unexpected exception occurred. Output destinations: Destinations for output level 10, and windows.	
KAPM06340-E	Memory is insufficient. Output destinations: Destinations for output level 10, and windows.	Memory is insufficient. Check hcmdsdbinitsetup[n].log.
KAPM06341-E	The DBMS environment already exists. Output destinations: Destinations for output level 10, and windows.	The DBMS environment already exists. Check hcmdsdbinitsetup[n].log.
KAPM06342-E	Free disk space is insufficient. Output destinations: Destinations for output level 10, and windows.	Free disk space is insufficient. Check the operating environment for the disk capacity. If necessary, free up some disk space. For details, check hcmdsdbinitsetup[n].log.
KAPM06343-E	An error occurred in the system definition entry file. Output destinations: Destinations for output level 10, and windows.	An error occurred in the system definition entry file. Check hcmdsdbinitsetup[n].log.
KAPM06344-E	The port is already being used. Output destinations: Destinations for output level 10, and windows.	The port is already being used. Check hcmdsdbinitsetup[n].log.
KAPM06345-E	An unexpected exception occurred. Output destinations: Destinations for output level 10, and windows.	An unexpected exception occurred. Check hcmdsdbinitsetup[n].log.
KAPM06346-E	The file "*aa...aa*" already exists. *aa...aa*: File name Output destinations: Destinations for output level 10, and windows.	The file *aa...aa* already exists. Delete the file *aa...aa*, and then perform the setup again.

Error Code	Error Message	Description and Action
KAPM06347-W	The specified file system area "*aa...aa*" already existed, so it was deleted. *aa...aa*: File system area Output destinations: In window only.	The specified file system area *aa...aa* already existed, so it was deleted.
KAPM06348-I	The database was created successfully. Output destinations: syslog/Eventlog	The database was created successfully.
KAPM06349-E	An attempt to create the database has failed. Output destinations: syslog/Eventlog	An attempt to create the database has failed.
KAPM06350-I	The database was deleted successfully. Output destinations: syslog/Eventlog	The database was deleted successfully.
KAPM06351-E	An attempt to delete the database has failed. Output destinations: syslog/Eventlog	An attempt to delete the database has failed.
KAPM06396-E	"*aa...aa*":"*bb...bb*" *aa...aa*: Command name *bb...bb*: Message Output destinations: Destinations for output level 10.	Message for debugging.
KAPM06398-E	"*aa...aa*" *aa...aa*: Message Output destinations: Destinations for output level 10.	
KAPM06399-E	An unexpected exception occurred. Output destinations: Destinations for output level 10, and windows.	An unexpected exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM06403-E	An exception occurred. Output destinations: Destinations for output level 10, and windows.	An exception occurred. See the following message KAPM49001-E for details. Collect maintenance information, and then contact the Support Center.
KAPM06404-E	The file "*aa...aa*" could not be read. *aa...aa*: File name Output destinations: Destinations for output level 10, and windows.	The file "*aa...aa*" could not be read. Confirm that the file exists, that the file is not in use, and that the make directory of the file is correct.
KAPM06405-I	Processing ended normally. Output destinations: Destinations for output level 10, and windows.	Processing ended normally.
KAPM06407-E	The "*bb...bb*" file to be used by "*aa...aa*" does not exist. *aa...aa*: Command name, class name, etc. *bb...bb*: Name of the file that does not exist Output destinations: Destinations for output level 10, and windows.	The *bb...bb* file to be used by *aa...aa* does not exist. Collect maintenance information, and then contact the Support Center.
KAPM06408-I	Execution of the "*aa...aa*" command ended normally. *aa...aa*: Command name Output destinations: Destinations for output level 10.	Execution of the *aa...aa* command ended normally.

Error Code	Error Message	Description and Action
KAPM06409-E	An attempt to execute the "*aa...aa*" command has failed. *aa...aa*: Command name Output destinations: Destinations for output level 10.	An attempt to execute the *aa...aa* command has failed.
KAPM06410-I	The setup status is "not set up". Output destinations: Destinations for output level 10, and windows.	The setup status is "not set up".
KAPM06411-I	The setup status is "stand-alone". Output destinations: Destinations for output level 10, and windows.	The setup status is "stand-alone".
KAPM06412-I	The setup status is "active system". Output destinations: Destinations for output level 10, and windows.	The setup status is "active system".
KAPM06413-I	The setup status is "standby system". Output destinations: Destinations for output level 10, and windows.	The setup status is "standby system".
KAPM06414-E	The option specification is incorrect. Output destinations: Destinations for output level 10, and windows.	The option specification is incorrect. Review and, if necessary, revise the option specification.
KAPM06429-E	An unexpected exception occurred. Output destinations: Destinations for output level 10, and windows.	An unexpected exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM06433-E	An exception occurred. Output destinations: Destinations for output level 10, and windows.	An exception occurred. See the following message KAPM49001-E for details. Collect maintenance information, and then contact the Support Center.
KAPM06434-I	Processing ended normally. Output destinations: Destinations for output level 10.	Processing ended normally.
KAPM06436-E	An attempt to execute the "*aa...aa*" command has failed. *aa...aa*: Command name Output destinations: Destinations for output level 10.	An attempt to execute the aa...aa command has failed.
KAPM06437-E	The option(s) specified is insufficient. Output destinations: Destinations for output level 10, and windows.	The option(s) specified is insufficient. Please review the specification of the option.
KAPM06438-I	The HiRDB service has started. Output destinations: Destinations for output level 10, and windows.	The HiRDB service has started.
KAPM06439-I	The HiRDB service has stopped. Output destinations: Destinations for output level 10, and windows.	The HiRDB service has stopped.
KAPM06440-I	The HiRDB service has already started. Output destinations: Destinations for output level 10, and windows.	The HiRDB service has already started.

Error Code	Error Message	Description and Action
KAPM06441-I	The HiRDB service has already stopped. Output destinations: Destinations for output level 10, and windows.	It is already stopped by HiRDB service.
KAPM06442-E	The HiRDB service has not been set up. Output destinations: Destinations for output level 10, and windows.	The HiRDB service has not been set up. Make sure that the products have been properly installed, and if necessary, take actions to satisfy this condition. If an error still occurs after taking the above actions, collect maintenance information, and then contact Customer Support.
KAPM06443-E	An attempt to start the HiRDB service has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to start the HiRDB service has failed. Collect maintenance information, and then contact the Support Center.
KAPM06444-E	An attempt to stop the HiRDB service has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to stop the HiRDB service has failed. Collect maintenance information, and then contact the Support Center.
KAPM06445-E	HiRDB cannot be stopped because a Suite product is connected to HiRDB. Output destinations: Destinations for output level 10, and windows.	HiRDB cannot be stopped because a Suite product is connected to HiRDB. Stop the Suite product that is connected to HiRDB, and then try again.
KAPM06459-E	An unexpected exception occurred. Output destinations: Destinations for output level 10, and windows.	An unexpected exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM06501-I	The method has started. Output destinations: In window only.	The method has started.
KAPM06502-I	The method has finished. Output destinations: In window only.	The method has finished.
KAPM06503-E	The option is invalid. Output destinations: Destinations for output level 10, and windows.	The option is invalid. Specify the option correctly.
KAPM06504-E	A specified option is insufficient. Output destinations: Destinations for output level 10, and windows.	A specified option is insufficient. Specify the option correctly.
KAPM06505-E	The value specified in the option is invalid. (option = *aa...aa*) *aa...aa*: Option name Output destinations: Destinations for output level 10, and windows.	The value specified in the option is invalid. Check the specified value of the option.
KAPM06506-E	The specified directory cannot be created. (directory = *aa...aa*) *aa...aa*: Directory Output destinations: Destinations for output level 10, and windows.	The specified directory cannot be created. Make sure that you have write permission for the directory.

Error Code	Error Message	Description and Action
KAPM06507-E	The specified directory already exists as a file. (file = *aa...aa*) *aa...aa*: File name Output destinations: Destinations for output level 10, and windows.	The specified directory already exists as a file. Specify another directory name.
KAPM06508-E	The specified value is invalid. (value = *aa...aa*) *aa...aa*: Specified value Output destinations: Destinations for output level 10, and windows.	The specified value is invalid. Specify a valid value.
KAPM06509-E	The file *aa...aa* does not exist. *aa...aa*: File name Output destinations: Destinations for output level 10, and windows.	The file *aa...aa* does not exist. Make sure that the file specification is correct. If you cannot solve the problem, collect maintenance information, and then contact the Support Center.
KAPM06510-E	The directory *aa...aa* does not exist. *aa...aa*: Directory name Output destinations: Destinations for output level 10, and windows.	The directory *aa...aa* does not exist. Make sure that the directory specification is correct. If you cannot solve the problem, collect maintenance information, and then contact the Support Center.
KAPM06511-E	The file *aa...aa* already exists. *aa...aa*: File name Output destinations: Destinations for output level 10, and windows.	The file *aa...aa* already exists. Delete the file, or move to another directory.
KAPM06512-E	The directory *aa...aa* already exists. *aa...aa*: Directory name Output destinations: Destinations for output level 10, and windows.	The directory *aa...aa* already exists. Specify another directory.
KAPM06513-E	Command *aa...aa* returned the value *bb...bb*. The error message is *cc...cc*. *aa...aa*: Command name *bb...bb*: Return code *cc...cc*: Error message Output destinations: Destinations for output level 10, and windows.	Command *aa...aa* returned the value *bb...bb*. The error message is *cc...cc*. Check the specified value of the option. If you cannot solve the problem, collect maintenance information, and then contact the Support Center.
KAPM06514-I	Processing ended normally. Output destinations: Destinations for output level 10, and windows.	Processing ended normally.
KAPM06515-E	An IOException occurred. (details = *aa...aa*) *aa...aa*: Exception details Output destinations: Destinations for output level 10, and windows.	An IOException occurred. Collect maintenance information, and then contact the Support Center.
KAPM06516-E	An exception occurred. (details = *aa...aa*) *aa...aa*: Exception details Output destinations: Destinations for output level 10, and windows.	An exception occurred. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM06517-E	A NullPointerException occurred. (details = *aa...aa*) *aa...aa*: Exception details Output destinations: Destinations for output level 10, and windows.	A NullPointerException occurred. Collect maintenance information, and then contact the Support Center.
KAPM06518-E	HiRDB has not been installed. Output destinations: Destinations for output level 10, and windows.	HiRDB has not been installed. Make sure that HiRDB is installed. When a product of HiCommand 4.0 or later is installed, HiRDB is automatically installed.
KAPM06519-E	An error occurred while executing the hcmdsdbmode command. Output destinations: Destinations for output level 10, and windows.	An error occurred while executing the hcmdsdbmode command. Collect maintenance information, and then contact the Support Center.
KAPM06520-E	HiRDB has not started. Output destinations: Destinations for output level 10, and windows.	HiRDB has not started. Start HiRDB.
KAPM06521-E	The RD area for *aa...aa* has not been set up. *aa...aa*: Product name Output destinations: Destinations for output level 10, and windows.	The RD area for *aa...aa* has not been set up. In the type option, specify the installed product name.
KAPM06522-E	There is no RD area in the system. Output destinations: Destinations for output level 10, and windows.	There is no RD area in the system. Make sure that the HiCommand product has been installed.
KAPM06523-I	The hcmdsdbmove command has started. Output destinations: Destinations for output level 10, and windows.	The hcmdsdbmove command has started.
KAPM06524-I	Initialization for moving the database is being performed. Output destinations: Destinations for output level 10, and windows.	Initialization for moving the database is being performed.
KAPM06525-I	The data for *aa...aa* will now be moved. *aa...aa*: Product name Output destinations: Destinations for output level 10, and windows.	The data for *aa...aa* will now be moved.
KAPM06526-I	Processing to import data has started. Output destinations: Destinations for output level 10, and windows.	Processing to import data has started.
KAPM06527-I	The table definitions of the database are being imported. Output destinations: Destinations for output level 10, and windows.	The table definitions of the database are being imported.
KAPM06528-I	The data is being imported. Output destinations: Destinations for output level 10, and windows.	The data is being imported.
KAPM06529-I	The database procedures are being imported. Output destinations: Destinations for output level 10, and windows.	The database procedures are being imported.

Error Code	Error Message	Description and Action
KAPM06530-I	Processing to import data has ended. Output destinations: Destinations for output level 10, and windows.	Processing to import data has ended.
KAPM06531-I	Processing to export data has started. Output destinations: Destinations for output level 10, and windows.	Processing to export data has started.
KAPM06532-I	The table definitions of the database are being exported. Output destinations: Destinations for output level 10, and windows.	The table definitions of the database are being exported.
KAPM06533-I	The data is being exported. Output destinations: Destinations for output level 10, and windows.	The data is being exported.
KAPM06534-I	The database procedures are being exported. Output destinations: Destinations for output level 10, and windows.	The database procedures are being exported.
KAPM06535-I	Processing to export data has ended. Output destinations: Destinations for output level 10, and windows.	Processing to export data has ended.
KAPM06536-I	The data is being imported. (progress = *aa...aa*/*bb...bb*) *aa...aa*: Amount of imported data *bb...bb*: Total amount of data to be imported Output destinations: Destinations for output level 10, and windows.	The data is being imported.
KAPM06537-I	The data is being exported. (progress = *aa...aa*/*bb...bb*) *aa...aa*: Amount of exported data *bb...bb*: Total amount of data to be exported Output destinations: Destinations for output level 10, and windows.	The data is being exported.
KAPM06540-I	The view is being imported. Output destinations: Destinations for output level 10, and windows.	The view is being imported.
KAPM06541-I	The view is being exported. Output destinations: Destinations for output level 10, and windows.	The view is being exported.

Error Code	Error Message	Description and Action
KAPM06542-E	The data to be imported to *aa...aa* is not in the directory in the datapath option. *aa...aa*: The product for which the data to be imported cannot be found. Output destinations: Destinations for output level 10, and windows.	When the import option was specified in the hcmdsdbmove command, the data to be imported from the product displayed in the message was not in the directory specified by the datapath option. Please check that the data to be imported exists in the directory specified by the datapath option. Also, if import data of multiple products exists in different directories, specify the type option, and then import the data for each product one product at a time.
KAPM06543-I	The database was exported successfully. Output destinations: syslog/Eventlog	The database was exported successfully.
KAPM06544-E	An attempt to export the database has failed. Output destinations: syslog/Eventlog	An attempt to export the database has failed.
KAPM06545-I	The database was imported successfully. Output destinations: syslog/Eventlog	The database was imported successfully.
KAPM06546-E	An attempt to import the database has failed. Output destinations: syslog/Eventlog	An attempt to import the database has failed.
KAPM06570-E	An option is invalid. Output destinations: Destinations for output level 10, and windows.	This message is displayed when the format of the specified option is invalid. Specify a valid option, and then try again.
KAPM06571-E	The specified options are insufficient. Output destinations: Destinations for output level 10, and windows.	This message is displayed when a required option is not specified or an unnecessary option is specified. Specify a valid option, and then try again.
KAPM06572-E	The specified option value is invalid. Output destinations: Destinations for output level 10, and windows.	This message is displayed when the specified value of the option is invalid. Specify a valid option value, and then try again.
KAPM06573-E	The specified directory name already exists as a file name. (file name = *aa...aa*) *aa...aa*: File name Output destinations: Destinations for output level 10, and windows.	This message is displayed when the directory name specified in the command option already exists as a file. Specify a valid option value, and then try again.
KAPM06574-E	The directory name exceeds *aa...aa* characters. *aa...aa*: Length of directory name (number of characters) Output destinations: Destinations for output level 10, and windows.	This message is displayed when the length (number of characters) of the directory name specified in the option exceeds the maximum. Specify a valid option value, and then try again.
KAPM06575-E	The same value cannot be specified for the databasepath and exportpath parameters. Output destinations: Destinations for output level 10, and windows.	This message is displayed when the character strings specified for the databasepath and exportpath parameters are the same. Specify a different directory name, and then try again.

Error Code	Error Message	Description and Action
KAPM06576-E	An attempt to acquire the key name has failed. Output destinations: Destinations for output level 10, and windows.	This message is displayed when a required property has not been set in the cluster settings file. Make sure the contents of the cluster settings file are correct.
KAPM06577-E	An attempt to acquire a value has failed. Output destinations: Destinations for output level 10, and windows.	This message is displayed when a value has not been set correctly in the cluster settings file. Make sure the values in the cluster settings file are correct.
KAPM06578-E	The cluster settings file was not found. Output destinations: Destinations for output level 10, and windows.	This message is displayed when there is no cluster settings file in the conf directory. Make sure that cluster.conf is in the conf directory.
KAPM06579-E	The value of hcmds.home cannot be acquired. Output destinations: Destinations for output level 10, and windows.	This message is displayed when hcmds.home has not been set in the system properties. Make sure that hcmds.home has been set in the system properties.
KAPM06580-E	An attempt to clear a DBMS environment variable has failed. Output destinations: Destinations for output level 10, and windows.	This message is displayed when an attempt to delete the DBMS client environment variable has failed. Collect maintenance information, and then contact the Support Center.
KAPM06581-E	The DBMS has not stopped. Output destinations: Destinations for output level 10, and windows.	This message is displayed when the DBMS did not stop when the command was executed. Before executing a command, stop the DBMS service.
KAPM06582-E	An attempt to load the file has failed. (file = *aa...aa*) *aa...aa*: File name Output destinations: Destinations for output level 10.	This message is displayed when an attempt to load the file has failed. Collect maintenance information, and then contact the Support Center.
KAPM06583-E	An attempt to write to the file has failed. (file = *aa...aa*) *aa...aa*: File name Output destinations: Destinations for output level 10.	This message is displayed when an attempt to write to the file has failed. Collect maintenance information, and then contact the Support Center.
KAPM06584-I	Processing to export data was successful. Output destinations: Destinations for output level 10, and windows.	This message is displayed when data was exported successfully.
KAPM06585-I	Re-creation of the database was successful. Output destinations: Destinations for output level 10, and windows.	This message is displayed when the database was re-created successfully.
KAPM06586-I	Processing to import data was successful. Output destinations: Destinations for output level 10, and windows.	This message is displayed when data was imported successfully.

Error Code	Error Message	Description and Action
KAPM06587-E	An attempt to export data has failed. Output destinations: Destinations for output level 10, and windows.	This message is displayed when an attempt to export data has failed. Remove the cause of the failure, and then try again. If the problem still cannot be solved, collect the maintenance information, and then contact the Support Center.
KAPM06588-E	An attempt to re-create the database has failed. Output destinations: Destinations for output level 10, and windows.	This message is displayed when an attempt to re-create the database has failed. Remove the cause of the failure, and then try again. If the problem still cannot be solved, collect the maintenance information, and then contact the Support Center.
KAPM06589-E	An attempt to import data has failed. Output destinations: Destinations for output level 10, and windows.	This message is displayed when an attempt to import data has failed. Remove the cause of the failure, and then try again. If the problem still cannot be solved, collect the maintenance information, and then contact the Support Center.
KAPM06590-I	Processing ended normally. Output destinations: Destinations for output level 10, and windows.	This message is displayed when command execution ended normally.
KAPM06591-E	The data to be imported was not found in the specified directory. Output destinations: Destinations for output level 10, and windows.	This message is displayed when the data to be imported could not be found in the specified directory. Specify the directory to which the data was exported, and then try again. If the problem still cannot be solved, collect the maintenance information, and then contact the Support Center.
KAPM06592-E	The data to be imported to *aa...aa* is not in the directory specified in the exportpath option. *aa...aa*: The product that the import data could not be found. Output destinations: Destinations for output level 10, and windows.	The data to be imported of the product displayed in the message is not in the directory specified for the exportpath option. Please confirm to exist an import data in the directory specified by the exportpath option.
KAPM06600-I	Entered parameter: *aa...aa* *aa...aa*: Parameter entered by the user Output destinations: Destinations for output level 10.	Entered parameter.
KAPM06601-I	User ID = *aa...aa*, application = *bb...bb*, permissions = *cc...cc* *aa...aa*: User ID of the target user *bb...bb*: Target application *cc...cc*: Permission set by the target user Output destinations: Destinations for output level 10, and windows.	User ID = *aa...aa*, application = *bb...bb*, permissions = *cc...cc*
KAPM06602-E	A specified parameter is invalid. Output destinations: Destinations for output level 10, and windows.	A specified parameter is invalid. Check the specified parameter.

Error Code	Error Message	Description and Action
KAPM06603-E	An attempt to read the file has failed. (file = *aa...aa*) *aa...aa*: Absolute path of the file Output destinations: Destinations for output level 10, and windows.	An attempt to read the file has failed. Make sure the file exists on the specified path *aa...aa*.
KAPM06604-E	The database has not started. Output destinations: Destinations for output level 10, and windows.	The database has not started. Make sure the database has started.
KAPM06605-E	An attempt to communicate with the server or database has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to communicate with the server or database has failed. Make sure the following have started: the HBase Storage Mgmt Common Service or HBase Storage Mgmt Web Service, and the database.
KAPM06606-E	An error has occurred. Output destinations: Destinations for output level 10, and windows.	An error has occurred. Collect maintenance information, and then contact the Support Center.
KAPM06609-I	The command ended normally. Output destinations: In window only.	The command ended normally.
KAPM06610-E	An option specification is invalid. Output destinations: Destinations for output level 10, and windows.	An option specification is invalid. Specify a valid option as shown in the message, and then execute the command.
KAPM06611-E	An attempt to load the hsso.conf file has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to load the hsso.conf file has failed. Make sure the host name in hsso.conf is correct.
KAPM06612-E	Authentication has failed. Output destinations: Destinations for output level 10, and windows.	Authentication has failed. Collect maintenance information, and then contact the Support Center.
KAPM06613-W	Authentication data was not found in the repository. Output destinations: In window only.	Authentication data was not found in the repository.
KAPM06614-E	An attempt to communicate with SSO Server has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to communicate with SSO Server has failed. Collect maintenance information, and then contact the Support Center.
KAPM06640-E	A fatal error occurred during processing. Output destinations: Destinations for output level 10.	A fatal error occurred during processing. Collect maintenance information, and then contact the Support Center.
KAPM06641-E	An internal error occurred. Output destinations: Destinations for output level 10.	An internal error occurred. Collect maintenance information, and then contact the Support Center.
KAPM06642-E	An error occurred during file input. Output destinations: Destinations for output level 10.	An error occurred during file input. Collect maintenance information, and then contact the Support Center.
KAPM06643-E	An attempt to acquire file information has failed. Output destinations: Destinations for output level 10.	An attempt to acquire file information has failed. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM06659-E	*aa...aa* *aa...aa*: Name of the exception object and the reason that object was thrown, or the backtrace for that object Output destinations: Destinations for output level 10.	Detailed information for KAPMxxxxx-E. This indicates the thrown exception object and the backtrace for that object. See the message KAPMxxxxx-E.
KAPM06750-E	An attempt to read the installation information file has failed. Output destinations: In window only.	An attempt to read the installation information file has failed. Check the permissions for the installation information file.
KAPM06751-E	The installation information file format is invalid. Output destinations: In window only.	The installation information file format is invalid. Check the contents of the installation information file.
KAPM06752-E	An attempt to acquire the property value has failed. (*aa...aa*) *aa...aa*: Property value Output destinations: In window only.	An attempt to acquire the property value has failed. Check the contents of the installation information file.
KAPM06753-E	A property value in the installation information file is invalid. (*aa...aa*) *aa...aa*: Property value Output destinations: In window only.	A property value in the installation information file is invalid. Check the contents of the installation information file.
KAPM06900-I	Processing to start the service has started. Output destinations: Destinations for output level 10, and windows.	This message is displayed when processing to start the service starts.
KAPM06901-I	The service was started successfully. Output destinations: Destinations for output level 10, and windows.	This message is displayed when the service starts successfully. However, if the HiCommand version is earlier than 5.7, you might need to start some of the services manually because they do not start automatically.
KAPM06902-I	Processing to stop the service has started. Output destinations: Destinations for output level 10, and windows.	This message is displayed when processing to stop the service starts.
KAPM06903-I	The service was stopped successfully. Output destinations: Destinations for output level 10, and windows.	This message is displayed when the service stops successfully.
KAPM06904-I	Processing to start the DBMS has started. Output destinations: Destinations for output level 10, and windows.	This message is displayed when processing to start the DBMS starts.
KAPM06905-I	The DBMS was started successfully. Output destinations: Destinations for output level 10, and windows.	This message is displayed when the DBMS starts successfully.
KAPM06906-I	Processing to stop the DBMS has started. Output destinations: Destinations for output level 10, and windows.	This message is displayed when processing to stop the DBMS starts.
KAPM06907-I	The DBMS was stopped successfully. Output destinations: Destinations for output level 10, and windows.	This message is displayed when the DBMS stops successfully.

Error Code	Error Message	Description and Action
KAPM06908-E	An attempt to start the service has failed. Output destinations: Destinations for output level 10, and windows.	This message is displayed when an attempt to start the service fails. Collect maintenance information, and then contact the Support Center.
KAPM06909-E	An attempt to stop the service has failed. Output destinations: Destinations for output level 10, and windows.	This message is displayed when an attempt to stop the service fails. Stop the Suite product that is connected to the DBMS, and then try again. If the problem still cannot be resolved, collect the maintenance information, and then contact the Support Center.
KAPM06910-E	An attempt to start the DBMS has failed. Output destinations: Destinations for output level 10, and windows.	This message is displayed when an attempt to start the DBMS fails. Collect maintenance information, and then contact the Support Center.
KAPM06911-E	An attempt to stop the DBMS has failed. Output destinations: Destinations for output level 10, and windows.	This message is displayed when an attempt to stop the DBMS fails. Stop the Suite product that is connected to the DBMS, and then try again. If the problem still cannot be resolved, collect the maintenance information, and then contact the Support Center.
KAPM06912-E	An attempt to start the service or the DBMS has failed. Output destinations: Destinations for output level 10, and windows.	This message is displayed when an attempt to start the service or the DBMS fails. Collect maintenance information, and then contact the Support Center.
KAPM06913-E	An attempt to stop the service or the DBMS has failed. Output destinations: Destinations for output level 10, and windows.	This message is displayed when an attempt to stop the service or the DBMS fails. Stop the Suite product that is connected to the DBMS, and then try again. If the problem still cannot be resolved, collect the maintenance information, and then contact the Support Center.
KAPM06914-E	The database has not been initialized. Output destinations: Destinations for output level 10, and windows.	The database has not been initialized. Collect maintenance information, and then contact the Support Center.
KAPM06915-E	An attempt to release the connection of the connection pool has failed. Output destinations: Destinations for output level 10.	This message is displayed when an attempt to release the connection of the connection pool fails. Collect maintenance information, and then contact the Support Center.
KAPM07000-W	Update the current JavaScript to the latest version. Output destinations: Destinations for output level 10, and windows.	Update the current JavaScript to the latest version.
KAPM07001-E	The specified user cannot log in because the user does not have permission to access the manager screen. Output destinations: Destinations for output level 10, and windows.	The specified user cannot log in because the user does not have permission to access the manager screen. Log in as a user who has HiCommand Suite Common Component Administrator permissions.

Error Code	Error Message	Description and Action
KAPM07002-E	The application is not registered on the HSSO Server. Output destinations: Destinations for output level 10, and windows.	The application is not registered on the HSSO Server. Collect maintenance information, and then contact the Support Center.
KAPM07003-E	The user ID and/or password are not correct. Output destinations: Destinations for output level 10, and windows.	The user ID and/or password are not correct. Input the correct user ID and password.
KAPM07004-E	The executing user does not have permission to execute the method. Output destinations: Destinations for output level 10, and windows.	The executing user does not have permission to execute the method. Collect maintenance information, and then contact the Support Center.
KAPM07005-E	The specified user does not exist. Output destinations: Destinations for output level 10, and windows.	The specified user does not exist. Confirm the user information.
KAPM07006-E	The specified user already exists. Output destinations: Destinations for output level 10, and windows.	The specified user already exists. Input a value other than the specified user name.
KAPM07007-E	This user has already been deleted. Output destinations: Destinations for output level 10, and windows.	This user has already been deleted. Confirm the user information.
KAPM07008-E	A problem occurred during processing. Output destinations: Destinations for output level 10, and windows.	A problem occurred during processing. Collect maintenance information, and then contact the Support Center.
KAPM07009-E	A communication error occurred during processing. Output destinations: Destinations for output level 10, and windows.	A communication error occurred during processing. Collect maintenance information, and then contact the Support Center.
KAPM07010-E	Null is specified for the argument. Output destinations: Destinations for output level 10, and windows.	Null is specified for the argument. Collect maintenance information, and then contact the Support Center.
KAPM07011-E	A fatal error occurred during processing. Output destinations: Destinations for output level 10, and windows.	A fatal error occurred during processing. Collect maintenance information, and then contact the Support Center.
KAPM07012-E	The specified group does not exist. Output destinations: Destinations for output level 10, and windows.	The specified group does not exist. Confirm the group information.
KAPM07013-E	An attempt to register user information has failed, because a problem occurred during registration processing. Output destinations: Destinations for output level 10, and windows.	An attempt to register user information has failed, because a problem occurred during registration processing. Collect maintenance information, and then contact the Support Center.
KAPM07014-E	An attempt to update user information has failed, because a problem occurred during update processing. Output destinations: Destinations for output level 10, and windows.	An attempt to update user information has failed, because a problem occurred during update processing. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM07015-E	An attempt to delete user information has failed, because a problem occurred during deletion processing. Output destinations: Destinations for output level 10, and windows.	An attempt to delete user information has failed, because a problem occurred during deletion processing. Collect maintenance information, and then contact the Support Center.
KAPM07016-E	An attempt to change the password has failed, because a problem occurred while processing the change. Output destinations: Destinations for output level 10, and windows.	An attempt to change the password has failed, because a problem occurred while processing the change. Collect maintenance information, and then contact the Support Center.
KAPM07017-E	A problem occurred during an attempt to acquire user information. Output destinations: Destinations for output level 10, and windows.	A problem occurred during an attempt to acquire user information. Collect maintenance information, and then contact the Support Center.
KAPM07018-E	A problem occurred during an attempt to acquire group information. Output destinations: Destinations for output level 10, and windows.	A problem occurred during an attempt to acquire group information. Collect maintenance information, and then contact the Support Center.
KAPM07019-I	The user information was successfully deleted. Output destinations: Destinations for output level 10, and windows.	The user information was successfully deleted.
KAPM07020-I	User ID *aa...aa* will be deleted. If deleted, this user will not be able to log on. Is this OK? *aa...aa*: User ID Output destinations: Destinations for output level 10, and windows.	User ID *aa...aa* will be deleted. If deleted, this user will not be able to log on. Is this OK?
KAPM07021-E	A problem occurred during an attempt to acquire HiCommand application information. Output destinations: Destinations for output level 10, and windows.	A problem occurred during an attempt to acquire HiCommand application information. Collect maintenance information, and then contact the Support Center.
KAPM07022-E	An attempt to update HiCommand application information has failed, because a problem occurred during update processing. Output destinations: Destinations for output level 10, and windows.	An attempt to update HiCommand application information has failed, because a problem occurred during update processing. Collect maintenance information, and then contact the Support Center.
KAPM07023-I	HiCommand application information will now be updated. Output destinations: Destinations for output level 10, and windows.	HiCommand application information will now be updated.
KAPM07024-E	A problem occurred during an attempt to acquire user application information. Output destinations: Destinations for output level 10, and windows.	A problem occurred during an attempt to acquire user application information. Collect maintenance information, and then contact the Support Center.
KAPM07025-E	An attempt to update user application information has failed, because a problem occurred during update processing. Output destinations: Destinations for output level 10, and windows.	An attempt to update user application information has failed, because a problem occurred during update processing. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM07026-I	User application information will now be updated. Output destinations: Destinations for output level 10, and windows.	User application information will now be updated.
KAPM07027-W	The specified user application name already exists. application name = *aa...aa* *aa...aa*: Application name Output destinations: Destinations for output level 10, and windows.	The specified user application name already exists. Input a value other than the specified application name.
KAPM07028-E	Input Item : *aa...aa* This entry is required. Enter a value. *aa...aa*: Input item Output destinations: In window only.	This entry is required. Enter a value. Input a value.
KAPM07029-E	Input Item : *aa...aa* A character that cannot be used for this entry has been entered. *aa...aa*: Input item Output destinations: In window only.	A character that cannot be used for this entry has been entered. Use only characters that are valid for this item.
KAPM07030-E	Input Item : *aa...aa* The number of characters in this entry exceeds the maximum. *aa...aa*: Input item Output destinations: In window only.	The number of characters in this entry exceeds the maximum. Input a character string of a length less than or equal to the maximum.
KAPM07031-E	The password entries do not match. Output destinations: In window only.	The password entries do not match. Make sure that the values for the password and password confirmation input items are identical.
KAPM07032-E	Input Item : *aa...aa* Enter from 4 to 255 characters for this entry. *aa...aa*: Input item Output destinations: In window only.	Enter from 4 to 255 characters for this entry. Input a character string of a length between 4 and 255 characters (inclusive) for this input item.
KAPM07033-W	The specified URL does not exist in the class. URL = *aa...aa* *aa...aa*: URL Output destinations: Destinations for output level 10, and windows.	The specified URL does not exist in the class. Collect maintenance information, and then contact the Support Center.
KAPM07034-E	IllegalDataException occurred. (details = *aa...aa*) *aa...aa*: Details Output destinations: Destinations for output level 10, and windows.	IllegalDataException occurred. Collect maintenance information, and then contact the Support Center.
KAPM07035-E	The format of the specified URL is invalid. URL = *aa...aa* *aa...aa*: URL Output destinations: Destinations for output level 10, and windows.	The format of the specified URL is invalid. Check the entered URL. If necessary, enter the correct URL.
KAPM07036-I	The password will change. Is this OK? Output destinations: In window only.	The password will change. Is this OK?

Error Code	Error Message	Description and Action
KAPM07037-I	The password will change. Is this OK? After the password changes, you must log in again. Output destinations: In window only.	The password will change. Is this OK? After the password changes, you must log in again.
KAPM07038-E	Input Item : *aa...aa* The same value cannot be specified into these input items. *aa...aa*: Input item Output destinations: In window only.	The same value cannot be specified into these input items. Please reinput other values in an input item.
KAPM07230-I	The user was registered successfully. (operator = *aa...aa*, user ID = *bb...bb*, function = *cc...cc*) *aa...aa*: Operator name *bb...bb*: Processed user ID *cc...cc*: Function name Output destinations: syslog/Eventlog	This is an audit log showing that the user has been registered successfully.
KAPM07231-I	The user was deleted successfully. (operator = *aa...aa*, user ID = *bb...bb*, function = *cc...cc*) *aa...aa*: Operator name *bb...bb*: Processed user ID *cc...cc*: Function name Output destinations: syslog/Eventlog	This is an audit log showing that the user has been deleted successfully.
KAPM07232-I	The password was changed successfully. (operator = *aa...aa*, user ID = *bb...bb*, function = *cc...cc*) *aa...aa*: Operator name *bb...bb*: Processed user ID *cc...cc*: Function name Output destinations: syslog/Eventlog	This is an audit log showing that the password has been changed successfully.
KAPM07233-I	The user information was modified successfully. (operator = *aa...aa*, user ID = *bb...bb*, function = *cc...cc*) *aa...aa*: Operator name *bb...bb*: Processed user ID *cc...cc*: Function name Output destinations: syslog/Eventlog	This is an audit log showing that the user information has been modified successfully.
KAPM07235-I	The user was locked successfully. (operator = *aa...aa*, user ID = *bb...bb*, function = *cc...cc*) *aa...aa*: Operator name *bb...bb*: Processed user ID *cc...cc*: Function name Output destinations: syslog/Eventlog	This is an audit log showing that the user has been locked successfully.
KAPM07236-I	The user was unlocked successfully. (operator = *aa...aa*, user ID = *bb...bb*, function = *cc...cc*) *aa...aa*: Operator name *bb...bb*: Processed user ID *cc...cc*: Function name Output destinations: syslog/Eventlog	This is an audit log showing that the user has been unlocked successfully.

Error Code	Error Message	Description and Action
KAPM07237-E	The specified password does not satisfy the entry conditions. (operator = *aa...aa*, user ID = *bb...bb*, function = *cc...cc*) *aa...aa*: Operator name *bb...bb*: Processed user ID *cc...cc*: Function name Output destinations: syslog/Eventlog	This is an audit log that shows that the password that doesn't meet the input requirement is specified.
KAPM07238-E	The specified e-mail is too long. (operator = *aa...aa*, user ID = *bb...bb*, function = *cc...cc*) *aa...aa*: Operator name *bb...bb*: Processed user ID *cc...cc*: Function name Output destinations: syslog/Eventlog	This is an audit log that shows that the e-mail string that is too long is specified.
KAPM07239-E	The old password is incorrect. (operator = *aa...aa*, user ID = *bb...bb*, function = *cc...cc*) *aa...aa*: Operator name *bb...bb*: Processed user ID *cc...cc*: Function name Output destinations: syslog/Eventlog	This is an audit log that shows that the old password is incorrect.
KAPM07240-E	An attempt to execute the *aa...aa* operation has failed. (operator = *bb...bb*, user ID = *cc...cc*, function = *dd...dd*) *aa...aa*: Operation name *bb...bb*: Operator name *cc...cc*: Processed user ID *dd...dd*: Function name Output destinations: syslog/Eventlog	This is an audit log that shows that the *aa...aa* process has failed.
KAPM07300-I	The `hcmdshpsimcert` command has started. Output destinations: Destinations for output level 10.	The `hcmdshpsimcert` command started.
KAPM07301-I	The `hcmdshpsimcert` command has terminated. Output destinations: Destinations for output level 10.	The `hcmdshpsimcert` command ended.
KAPM07302-I	The `hcmdshpsimcert` command was successful. Output destinations: Destinations for output level 10.	The `hcmdshpsimcert` command was successful.
KAPM07303-E	The `hcmdshpsimcert` command has failed. Output destinations: Destinations for output level 10.	The `hcmdshpsimcert` command failed. Collect maintenance information, and then contact the Support Center.
KAPM07306-E	The value of `hcmds.home` cannot be acquired. Output destinations: In window only.	The `hcmds.home` value cannot be acquired. Collect maintenance information, and then contact the Support Center.
KAPM07307-E	An option is invalid. Output destinations: Destinations for output level 10, and windows.	An option is invalid. Please revise the option specification.

Error Code	Error Message	Description and Action
KAPM07308-E	An exception occurred. Output destinations: Destinations for output level 10.	An exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM07309-E	An internal error occurred. Output destinations: Destinations for output level 10, and windows.	An internal error occurred. Collect maintenance information, and then contact the Support Center.
KAPM07310-I	Importing of the certificate has started. Output destinations: Destinations for output level 10.	Importing of the certificate started.
KAPM07311-I	Importing of the certificate has ended. Output destinations: Destinations for output level 10.	Importing of the certificate ended.
KAPM07312-E	The host name or the port number is invalid. Output destinations: Destinations for output level 10, and windows.	The host name is invalid. Please revise the specified host name.
KAPM07313-E	An attempt to communicate with the HPSIM server has failed. Output destinations: Destinations for output level 10, and windows.	Communication with the HPSIM server failed. Please confirm whether the HPSIM server running.
KAPM07314-E	The format of the certificate acquired from the HPSIM server is invalid. Output destinations: Destinations for output level 10, and windows.	The format of the certificate acquired from the HPSIM server is invalid. Collect maintenance information, and then contact the Support Center.
KAPM07315-E	An attempt to load the keystore file has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to load the keystore file has failed. Collect maintenance information, and then contact the Support Center.
KAPM07316-W	The certificate of the specified host is already registered. Output destinations: Destinations for output level 10, and windows.	The certificate of the specified host has already been registered.
KAPM07317-I	The following certificate was imported into the keystore. Output destinations: Destinations for output level 10, and windows.	The following certificate was imported to the keystore.
KAPM07318-E	An attempt to output the keystore file has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to output the keystore file has failed. Collect maintenance information, and then contact the Support Center.
KAPM07319-E	An attempt to input the keystore file has failed. Output destinations: Destinations for output level 10, and windows.	An attempt to input the keystore file has failed. Collect maintenance information, and then contact the Support Center.
KAPM07320-I	Host name: "*aa...aa*" *aa...aa*: Host name Output destinations: Destinations for output level 10.	Host name
KAPM07321-I	Processing to display the certificate list has started. Output destinations: Destinations for output level 10.	Processing to display the certificate list started.

Error Code	Error Message	Description and Action
KAPM07322-I	Processing to display the certificate list has ended. Output destinations: Destinations for output level 10.	Processing to display the certificate list ended.
KAPM07323-I	The certificate is not stored. Output destinations: Destinations for output level 10.	The certificate is not stored.
KAPM07324-E	A problem occurred while displaying the certificate list. Output destinations: Destinations for output level 10.	A problem occurred while displaying the certificate list. Collect maintenance information, and then contact the Support Center.
KAPM07325-I	Deletion of the certificate has started. Output destinations: Destinations for output level 10.	Deletion of the certificate started.
KAPM07326-I	The certificate has been deleted. Output destinations: Destinations for output level 10.	The certificate has been deleted.
KAPM07327-I	The certificate for the *aa...aa* host was deleted. *aa...aa*: Host name Output destinations: Destinations for output level 10.	The certificate of the specified host was deleted.
KAPM07328-W	The certificate for the *aa...aa* host is not registered. *aa...aa*: Host name Output destinations: Destinations for output level 10.	The certificate of the specified host name is not registered.
KAPM07329-E	An attempt to delete the certificate has failed. Output destinations: Destinations for output level 10.	An attempt to delete the certificate has failed. Collect maintenance information, and then contact the Support Center.
KAPM07330-E	An attempt to renew the keystore has failed. Output destinations: Destinations for output level 10.	An attempt to modify the keystore has failed. Collect maintenance information, and then contact the Support Center.
KAPM07342-E	An exception occurred. Output destinations: Destinations for output level 10.	An exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM07343-E	An internal error occurred. Output destinations: Destinations for output level 10.	An internal error occurred. Collect maintenance information, and then contact the Support Center.
KAPM07344-I	GET processing for "`/Proxy/Getkey`" has started. Output destinations: Destinations for output level 10.	The GET processing of "`/Proxy/GetKey`" started.
KAPM07345-I	GET processing for "`/Proxy/Getkey`" has ended. Output destinations: Destinations for output level 10.	The GET processing of "`/Proxy/GetKey`" ended.
KAPM07346-I	The request from "*aa...aa*" was accepted. *aa...aa*: Host name Output destinations: Destinations for output level 10.	The request from *aa...aa* was accepted.
KAPM07347-I	The one-time key was issued. (key = *aa...aa*) *aa...aa*: Onetimekey Output destinations: Destinations for output level 10.	The one-time key was issued. (key = *aa...aa*)

Error Code	Error Message	Description and Action
KAPM07348-E	An attempt to issue the one-time key has failed. Output destinations: Destinations for output level 10.	An attempt to issue the one-time key has failed. Collect maintenance information, and then contact the Support Center.
KAPM07349-E	An attempt to create the one-time key failed because the number of keys had exceeded the maximum. Output destinations: syslog/Eventlog/Destinations for output level 10.	An attempt to create the one-time key failed because the number of keys exceeded the maximum. Please check whether a one-time key has been generated illegally.
KAPM07350-W	The one-time key does not exist. (key = *aa...aa*) *aa...aa*: Onetimekey Output destinations: Destinations for output level 10.	The one-time key does not exist. (key = *aa...aa*)
KAPM07351-W	The expiration date of the one-time key has passed. (key = *aa...aa*) *aa...aa*: Onetimekey Output destinations: Destinations for output level 10.	The one-time key expired. (key = *aa...aa*)
KAPM07352-I	The one-time key was deleted normally. (key = *aa...aa*) *aa...aa*: Onetimekey Output destinations: Destinations for output level 10.	The one time key was deleted normally. (key = *aa...aa*)
KAPM07355-I	The one-time key that passed the expiration date was deleted. (key = *aa...aa*) *aa...aa*: Onetimekey Output destinations: Destinations for output level 10.	The expired one-time key was deleted. (key = *aa...aa*)
KAPM07356-I	GET processing for "`/Proxy/SSO`" has started. Output destinations: Destinations for output level 10.	The GET processing of "`/Proxy/SSO`" started.
KAPM07357-I	GET processing for "`/Proxy/SSO`" has ended. Output destinations: Destinations for output level 10.	The GET processing of "`/Proxy/SSO`" ended.
KAPM07358-E	An error occurred during a parameter check. Output destinations: syslog/Eventlog/Destinations for output level 10.	An error occurred during a parameter check. Collect maintenance information, and then contact the Support Center.
KAPM07359-I	Parameter output: "*aa...aa*" = "*bb...bb*" *aa...aa*: Parameter *bb...bb*: value Output destinations: Destinations for output level 10.	Parameter output: *aa...aa* = *bb...bb*
KAPM07360-E	An attempt to load the keystore has failed. Output destinations: syslog/Eventlog/Destinations for output level 10.	An attempt to load the keystore has failed. Collect maintenance information, and then contact the Support Center.
KAPM07363-I	The host name is valid. Output destinations: Destinations for output level 10.	The host name is valid.
KAPM07364-E	The host name is invalid. Output destinations: Destinations for output level 10.	The host name is invalid. Please make sure the certificate from the launch-source has been imported.

Error Code	Error Message	Description and Action
KAPM07367-I	The one-time key is valid. Output destinations: Destinations for output level 10.	The one-time key is valid.
KAPM07368-W	The one-time key is invalid. Output destinations: syslog/Eventlog/Destinations for output level 10.	The one-time key is invalid.
KAPM07371-I	Verification of the request parameter was successful. Output destinations: Destinations for output level 10.	Verification of the request parameter was successful.
KAPM07372-E	An attempt to verify the request parameter has failed. Output destinations: syslog/Eventlog/Destinations for output level 10.	Verification of the request parameter failed. Collect maintenance information, and then contact the Support Center.
KAPM07375-I	The URL is a normal value. Output destinations: Destinations for output level 10.	The URL value is normal.
KAPM07376-E	The URL is an invalid value. Output destinations: syslog/Eventlog/Destinations for output level 10.	The URL value is invalid. Collect maintenance information, and then contact the Support Center.
KAPM07377-E	An attempt to convert the *aa...aa* permission has failed. *aa...aa*: Authority name Output destinations: syslog/Eventlog/Destinations for output level 10.	An attempt to convert the *aa...aa* permission has failed. Collect maintenance information, and then contact the Support Center.
KAPM07378-I	A redirection to "*aa...aa*" will be performed. *aa...aa*: redirect URL Output destinations: Destinations for output level 10.	The user will be redirected to *aa...aa*.
KAPM07379-E	An attempt to load the keystore file has failed. Output destinations: Destinations for output level 10.	An attempt to load the keystore file has failed. Collect maintenance information, and then contact the Support Center.
KAPM07380-I	The certificate of *aa...aa* has been imported. *aa...aa*: Alias Output destinations: Destinations for output level 10.	The *aa...aa* certificate has been imported.
KAPM07381-E	The certificate of *aa...aa* has not been imported. *aa...aa*: Alias Output destinations: Destinations for output level 10.	The *aa...aa* certificate has not been imported. Please confirm whether the certificate is importing done.
KAPM07382-E	A server problem occurred. Output destinations: Destinations for output level 10.	A problem with the server occurred. Collect maintenance information, and then contact the Support Center.
KAPM07383-I	Data verification has started. Output destinations: Destinations for output level 10.	Verification of the data started.
KAPM07384-I	Data verification has ended. Output destinations: Destinations for output level 10.	Verification of the data ended.
KAPM07385-E	An invalid character string was specified for the token. Output destinations: Destinations for output level 10.	An invalid character string was specified for the token. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM07386-E	"SHA1with RSA" is not supported. Output destinations: Destinations for output level 10.	"SHA1withRSA" is not supported. Collect maintenance information, and then contact the Support Center.
KAPM07387-E	The certificate format is invalid. Output destinations: Destinations for output level 10.	The format of the certificate is invalid. Collect maintenance information, and then contact the Support Center.
KAPM07388-E	The signature object has not been initialized. Output destinations: Destinations for output level 10.	The signature object has not been initialized. Collect maintenance information, and then contact the Support Center.
KAPM07389-E	"US-ASCII" is not supported. Output destinations: Destinations for output level 10.	"US-ASCII" is not supported. Collect maintenance information, and then contact the Support Center.
KAPM07390-I	Generation of the HSSO token has started. Output destinations: Destinations for output level 10.	Generation of the HSSO token started.
KAPM07391-I	Generation of the HSSO token has ended. Output destinations: Destinations for output level 10.	Generation of the HSSO token ended.
KAPM07392-E	The permission conversion definition file was not found. Output destinations: Destinations for output level 10.	The permission conversion definition file was not found. Collect maintenance information, and then contact the Support Center.
KAPM07393-E	An attempt to load the permission conversion definition file has failed. Output destinations: Destinations for output level 10.	An attempt to load the permission conversion definition file has failed. Collect maintenance information, and then contact the Support Center.
KAPM07400-E	The definition file was not found. Output destinations: Destinations for output level 10.	The definition file was not found. Collect maintenance information, and then contact the Support Center.
KAPM07401-I	Generation of the X509 certificate object has started. Output destinations: Destinations for output level 10.	Generation of the X509 certificate object started.
KAPM07402-I	Generation of the X509 certificate object has ended. Output destinations: Destinations for output level 10.	Generation of the X509 certificate object ended.
KAPM07403-E	The specified port number is invalid. Output destinations: Destinations for output level 10.	The specified port number is invalid. Collect maintenance information, and then contact the Support Center.
KAPM07404-E	The host name is invalid. Output destinations: Destinations for output level 10.	The host name is invalid. Take action according to the proceeding message.
KAPM07405-E	An attempt to communicate with the HPSIM server has failed. Output destinations: Destinations for output level 10.	An attempt to communicate with the HPSIM server has failed. Please confirm whether the HPSIM server running.

Error Code	Error Message	Description and Action
KAPM07406-E	The format of the certificate acquired from HPSIM is invalid. Output destinations: Destinations for output level 10.	The format of the certificate acquired from HPSIM is invalid. Collect maintenance information, and then contact the Support Center.
KAPM07407-E	An attempt to output the keystore file has failed. Output destinations: Destinations for output level 10.	An attempt to output the keystore file has failed. Collect maintenance information, and then contact the Support Center.
KAPM07410-I	Authentication succeeded. Output destinations: syslog/Eventlog/Destinations for output level 10.	Authentication succeeded.
KAPM07411-W	Authentication failed. Output destinations: Destinations for output level 10.	Authentication failed.
KAPM07420-E	Null is specified for the argument. (*aa...aa*) *aa...aa*: Argument Output destinations: Destinations for output level 10.	Null is specified for the argument. Collect maintenance information, and then contact the Support Center.
KAPM07421-E	A specified value is invalid. (*aa...aa*, *bb...bb*) *aa...aa*: Parameter *bb...bb*: Value Output destinations: Destinations for output level 10.	The specified value is invalid. Collect maintenance information, and then contact the Support Center.
KAPM07422-E	An exception occurred. Output destinations: Destinations for output level 10.	An exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM07423-E	The domain name is invalid. Output destinations: syslog/Eventlog/Destinations for output level 10.	There is an unusable character in the domain name sent from HPSIM. Please revise the HPSIM domain name.
KAPM07424-E	The user name is invalid. Output destinations: syslog/Eventlog/Destinations for output level 10.	There is an unusable character in the user name sent from HPSIM. Please revise the HPSIM user name.
KAPM07430-E	Authentication failed. Output destinations: Destinations for output level 10, and windows.	Authentication failed. Please fix the cause of the error. For details on the cause, see the HpsimSSO[n] log.
KAPM08001-E	A fatal error occurred during processing. Output destinations: Destinations for output level 10.	A fatal error occurred during processing. Collect maintenance information, and then contact the Support Center.
KAPM08002-E	Illegal parameters have been specified to create HSSO Context. Output destinations: Destinations for output level 10.	Illegal parameters have been specified to create HSSO Context. Collect maintenance information, and then contact the Support Center.
KAPM08003-E	A CIMException was generated during Console screen display processing. Output destinations: Destinations for output level 10.	A CIMException was generated during Console screen display processing. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM08004-E	A CIMRepositoryException was generated during menu bar display processing. Output destinations: Destinations for output level 10.	A CIMRepositoryException was generated during menu bar display processing. Collect maintenance information, and then contact the Support Center.
KAPM08005-E	A CIMProviderException was generated during menu bar display processing. Output destinations: Destinations for output level 10.	A CIMProviderException was generated during menu bar display processing. Collect maintenance information, and then contact the Support Center.
KAPM08006-E	A NoSuchElementException was generated during menu bar display processing. Output destinations: Destinations for output level 10.	A NoSuchElementException was generated during menu bar display processing. Collect maintenance information, and then contact the Support Center.
KAPM08007-E	A CIMException was generated during menu bar display processing. Output destinations: Destinations for output level 10.	A CIMException was generated during menu bar display processing. Collect maintenance information, and then contact the Support Center.
KAPM08008-E	An error occurred on the HSSO Server. Output destinations: Destinations for output level 10.	An error occurred on the HSSO Server. Collect maintenance information, and then contact the Support Center.
KAPM08010-E	An internal error occurred. Output destinations: Destinations for output level 10.	An internal error occurred. Collect maintenance information, and then contact the Support Center.
KAPM08011-E	Your session is invalid. Output destinations: In window only.	Your session is invalid. Logout, and then login again.
KAPM08013-E	A frame-enabled browser is required. Output destinations: Destinations for output level 10, and windows.	A frame-enabled browser is required. Use a browser supported by the HiCommand product being used.
KAPM08014-I	Now loading... Output destinations: In window only.	Now loading.
KAPM08015-E	The registered data in the common repository is invalid.(*aa...aa*) *aa...aa*: Class name Output destinations: Destinations for output level 10.	The registered data in the common repository is invalid. Collect maintenance information, and then contact the Support Center.
KAPM08016-E	The registered data in the common repository is invalid. Output destinations: Destinations for output level 10.	The registered data in the common repository is invalid. Collect maintenance information, and then contact the Support Center.
KAPM08017-E	The registered data in the common repository is invalid. Output destinations: In window only.	The registered data in the common repository is invalid. Collect maintenance information, and then contact the Support Center.
KAPM08018-E	The token is invalid. Output destinations: In window only.	The token is invalid. Logout, and then login again.
KAPM08019-E	An error occurred on the SSO Server. Output destinations: In window only.	An error occurred on the SSO server. Logout, and then login again.

Error Code	Error Message	Description and Action
KAPM08020-E	An attempt to communicate with the SSO server has failed. Output destinations: In window only.	An attempt to communicate with the SSO server has failed. Logout, and then login again.
KAPM08100-E	Null is specified for the argument. Output destinations: Destinations for output level 10.	Null is specified for the argument. Collect maintenance information, and then contact the Support Center.
KAPM08101-E	The specified node was not found. key=(*aa...aa*) *aa...aa*: Node key Output destinations: Destinations for output level 10.	The specified node was not found. Collect maintenance information, and then contact the Support Center.
KAPM08102-E	The object tree has not been created. Output destinations: Destinations for output level 10.	The object tree has not been created. Collect maintenance information, and then contact the Support Center.
KAPM08103-E	An attempt to create the object tree has failed. Output destinations: Destinations for output level 10.	An attempt to create the object tree has failed. Collect maintenance information, and then contact the Support Center.
KAPM08104-E	An attempt to add a child node to the object tree has failed. (*aa...aa*) *aa...aa*: Node key Output destinations: Destinations for output level 10.	An attempt to add a child node to the object tree has failed. Collect maintenance information, and then contact the Support Center.
KAPM08105-E	The specified node has already been registered. key = (*aa...aa*) *aa...aa*: Node key Output destinations: Destinations for output level 10.	The specified node has already been registered. Collect maintenance information, and then contact the Support Center.
KAPM08106-E	The tree information cannot be acquired. (*aa...aa*) *aa...aa*: Node key Output destinations: Destinations for output level 10.	The tree information cannot be acquired. Collect maintenance information, and then contact the Support Center.
KAPM08107-E	The node information is invalid. (*aa...aa*, *bb...bb*) *aa...aa*: Parameter name *bb...bb*: Acquired value Output destinations: Destinations for output level 10.	The node information is invalid. Collect maintenance information, and then contact the Support Center.
KAPM08108-E	An invalid argument was specified during node creation. (*aa...aa*, *bb...bb*) *aa...aa*: Parameter name *bb...bb*: Acquired value Output destinations: Destinations for output level 10.	An invalid argument was specified during node creation. Collect maintenance information, and then contact the Support Center.
KAPM08109-E	The tree information is invalid. (*aa...aa*, *bb...bb*) *aa...aa*: Route-node key (database) *bb...bb*: Route-node key (memory) Output destinations: Destinations for output level 10.	The tree information is invalid. Collect maintenance information, and then contact the Support Center.
KAPM08110-E	The node array cannot be acquired. (*aa...aa*, *bb...bb*) *aa...aa*: Parameter name *bb...bb*: Acquired value Output destinations: Destinations for output level 10.	The node array cannot be acquired. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM08111-E	The hierarchy number of the node array cannot be acquired. (*aa...aa*, *bb...bb*) *aa...aa*: Parameter name *bb...bb*: Acquired value Output destinations: Destinations for output level 10.	The hierarchy number of the node array cannot be acquired. Collect maintenance information, and then contact the Support Center.
KAPM08112-E	The node array is invalid. (*aa...aa*, *bb...bb*) *aa...aa*: Parameter name *bb...bb*: Acquired value Output destinations: Destinations for output level 10.	The node array is invalid. Collect maintenance information, and then contact the Support Center.
KAPM08113-E	The hierarchy number of the node array is invalid. (*aa...aa*) *aa...aa*: Hierarchy number of the node Output destinations: Destinations for output level 10.	The hierarchy number of the node array is invalid. Collect maintenance information, and then contact the Support Center.
KAPM08114-W	An invalid argument was specified during node creation. (*aa...aa*, *bb...bb*) *aa...aa*: Parameter name *bb...bb*: Acquired value Output destinations: Destinations for output level 10.	An invalid argument was specified during node creation. Collect maintenance information, and then contact the Support Center.
KAPM08115-E	An internal error occurred. Output destinations: Destinations for output level 10, and windows.	An internal error occurred. Collect maintenance information, and then contact the Support Center.
KAPM08116-E	A value that exceeds the maximum value has been specified. (*aa...aa*, *bb...bb*) *aa...aa*: Parameter name *bb...bb*: Acquired value Output destinations: Destinations for output level 10.	A value that exceeds the maximum value has been specified. Check and, if necessary, revise the settings.
KAPM08150-E	The request is invalid. (*aa...aa*, *bb...bb*) *aa...aa*: Key *bb...bb*: Value Output destinations: Destinations for output level 10.	The request is invalid. Collect maintenance information, and then contact the Support Center.
KAPM08152-E	The request is invalid. (*aa...aa*) *aa...aa*: Key Output destinations: Destinations for output level 10.	
KAPM08154-E	An attempt to display the object tree has failed. Output destinations: Destinations for output level 10.	An attempt to display the object tree has failed. Collect maintenance information, and then contact the Support Center.
KAPM08160-E	The data registered in the common repository is invalid. (*aa...aa*, *bb...bb*) *aa...aa*: Key *bb...bb*: Value Output destinations: Destinations for output level 10.	The data registered in the common repository is invalid. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM08200-E	The request parameter required for the display of the Application Bar area is invalid. Output destinations: Destinations for output level 10.	The request parameter required for the display of the Application Bar Area is invalid. Collect maintenance information, and then contact the Support Center.
KAPM08201-E	An internal error occurred. If you click the **Refresh Tree** button, the initial object tree will be displayed. If you cannot display the tree, log out, and then log in again. Output destinations: Destinations for output level 10, and windows.	An internal error occurred. If you click the **Refresh Tree** button, the initial object tree will be displayed. If you cannot display the tree, log out, and then log in again. If you cannot resolve this problem, collect maintenance information, and then contact the Support Center.
KAPM08202-E	The number of elements in the array does not match the other arrays. Output destinations: Destinations for output level 10.	The number of elements in the array does not match the other arrays. Collect maintenance information, and then contact the Support Center.
KAPM08203-E	The request parameter required for the display of the Summary area is invalid. Output destinations: Destinations for output level 10.	The request parameter required for the display of the Summary area is invalid. Collect maintenance information, and then contact the Support Center.
KAPM08302-E	An error occurred while acquiring the resource bundle. Output destinations: Destinations for output level 10.	An error occurred while acquiring resource bundle. Collect maintenance information, and then contact the Support Center.
KAPM08303-E	An error occurred while reading the resource file. Output destinations: Destinations for output level 10.	An error occurred during resource file input. Collect maintenance information, and then contact the Support Center.
KAPM08304-E	An attempt to access the resource file has failed. Output destinations: Destinations for output level 10.	An attempt to access the resource file has failed. Collect maintenance information, and then contact the Support Center.
KAPM08308-E	An internal error occurred. Output destinations: Destinations for output level 10.	An internal error occurred. Collect maintenance information, and then contact the Support Center.
KAPM08309-E	The URL object cannot be created. Output destinations: Destinations for output level 10.	URL object was not able to be made. Collect maintenance information, and then contact the Support Center.
KAPM08311-E	An attempt to access the file has failed. Output destinations: Destinations for output level 10.	An attempt to access the file has failed. Collect maintenance information, and then contact the Support Center.
KAPM08402-E	An unusable HTML tag is included. Output destinations: Destinations for output level 10.	This message is displayed when the message entered by the user contains an unusable HTML tag. Please enter supported HTML tags only.
KAPM08403-E	The warning banner message exceeded 1000 characters. Output destinations: Destinations for output level 10.	This message is displayed when the warning banner message entered by the user exceeds 1000 characters. Enter no more than 1000 characters.

Error Code	Error Message	Description and Action
KAPM08404-E	An attempt to register the warning banner message has failed. Output destinations: Destinations for output level 10, and windows.	This message is displayed when an attempt to register a warning banner message from the security GUI window fails. Perform the following actions: 1. Check that the following folder exists: Windows: *HiCommand Suite Common Component installation-folder*\conf\sec\resource Solaris or Linux: /opt/HiCommand/Base/conf/sec/resource Please delete the following folder: Windows: *HiCommand Suite Common Component installation-folder*\conf\sec\resource\bannerresource.properties Solaris or Linux: /opt/HiCommand/Base/conf/sec/resource/bannerresource.properties Make sure you have access permissions for the following file. Windows: *HiCommand Suite Common Component installation-folder*\conf\sec\resource\bannerresource.properties Solaris or Linux: /opt/HiCommand/Base/conf/sec/resource/bannerresource.properties If the problem still cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM08405-E	An attempt to delete the warning banner message has failed. Output destinations: Destinations for output level 10, and windows.	This message is displayed when an attempt to delete a warning banner message from the security GUI window fails. Perform the following actions: 1. Check that the following file exists: Windows: *HiCommand Suite Common Component installation-folder*\conf\sec\resource\bannerresource.properties Solaris or Linux: /opt/HiCommand/Base/conf/sec/resource/bannerresource.properties If the problem still cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM08406-E	The specified file name already exists as a directory name. (directory name = *aa...aa*) *aa...aa*: Directory name Output destinations: Destinations for output level 10.	This message is output to the log when an attempt to register a warning banner message from the security GUI window fails. The system environment is invalid. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KAPM08407-E	The specified directory name already exists as a file name. (file name = *aa...aa*) *aa...aa*: File name Output destinations: Destinations for output level 10.	This message is output to the log when an attempt to register a warning banner message from the security GUI window fails. The system environment is invalid. Collect maintenance information, and then contact the Support Center.
KAPM08408-E	The directory does not exist. (directory name = *aa...aa*) *aa...aa*: Directory name Output destinations: Destinations for output level 10.	This message is output to the log when an attempt to register a warning banner message from the security GUI window fails. Please create the following folder, and then try again: Windows: *HiCommand Suite Common Component installation-folder*\conf\sec Solaris or Linux: /opt/HiCommand/Base/conf/sec
KAPM08409-E	An attempt to delete the warning banner message has failed. Output destinations: Destinations for output level 10.	This message is output to the log when an attempt to delete a warning banner message from the security GUI window fails. Check that the following file exists: Windows: *HiCommand Suite Common Component installation-folder*\conf\sec\resource\bannerresource.properties Solaris or Linux: /opt/HiCommand/Base/conf/sec/resource/bannerresource.properties
KAPM08410-E	The specified node is invalid. (node name = *aa...aa*) *aa...aa*: Node name Output destinations: Destinations for output level 10.	This message is displayed when an invalid node is specified in the tree display in the security GUI window. Collect maintenance information, and then contact the Support Center.
KAPM08411-E	hcmds.home is not set in the Java system properties. Output destinations: Destinations for output level 10.	hcmds.home has not been set in the Java system properties. Make sure that hcmds.home has been set in the Java system properties.
KAPM08412-E	The bannertaglist.conf file does not exist. Output destinations: Destinations for output level 10.	This message is displayed when no bannertaglist.conf file exists during processing to acquire a supported tag list. Check that the following file exists: Windows: *HiCommand Suite Common Component installation-folder*\conf\sec\bannertaglist.conf Solaris or Linux: /opt/HiCommand/Base/conf/sec/bannertaglist.conf

Error Code	Error Message	Description and Action
KAPM08431-E	An attempt to register the security settings information has failed. Output destinations: Destinations for output level 10, and windows.	When failing from security GUI screen to the security configuration registration will be displayed. Do the following: 1. Confirm the following folder exists. Windows : *HiCommand Suite Common Component installation-folder*\conf\sec\resource Solaris or Linux : /opt/HiCommand/Base/conf/sec/resource Please delete it when the following folders exist. Windows : *HiCommand Suite Common Component installation-folder*\conf\sec\resource\security.conf Solaris or Linux : /opt/HiCommand/Base/conf/sec/resource/security.conf Make sure you have access permissions for the following file. Windows : *HiCommand Suite Common Component installation-folder*\conf\sec\resource\security.conf Solaris or Linux : /opt/HiCommand/Base/conf/sec/resource/security.conf If the problem still cannot be solved, collect maintenance information, and then contact the Support Center.
KAPM08910-E	An exception occurred. Output destinations: Destinations for output level 10.	An exception occurred. Collect maintenance information, and then contact the Support Center.
KAPM08911-E	A fatal error occurred during processing. Output destinations: Destinations for output level 10.	A fatal error occurred during processing. Collect maintenance information, and then contact the Support Center.
KAPM08912-E	Null is specified for the argument.(*aa...aa*) *aa...aa*: Arguments Output destinations: Destinations for output level 10.	Null is specified for the argument. Collect maintenance information, and then contact the Support Center.
KAPM08913-E	A value is invalid.(*aa...aa*, *bb...bb*) *aa...aa*: Key *bb...bb*: Value Output destinations: Destinations for output level 10.	A value is invalid. Collect maintenance information, and then contact the Support Center.
KAPM08914-E	The request is invalid. Output destinations: Destinations for output level 10, and windows.	The request is invalid. Logout, and then login again.

Error Code	Error Message	Description and Action
KAPM08980-E	An attempt to acquire RequestDispatcher has failed. *aa...aa*: Jsp name Output destinations: Destinations for output level 10.	An attempt to acquire RequestDispatcher has failed. Collect maintenance information, and then contact the Support Center.
KAPM08999-E	*aa...aa* *aa...aa*: Name of the exception object and the reason that object was thrown, or the backtrace for that object Output destinations: Destinations for output level 10.	Detailed information for *KAPMxxxxx-E*. This indicates the thrown exception object and the backtrace for that object. See the message *KAPMxxxxx-E*.
KAPM49001-E	*aa...aa* *aa...aa*: Name of the exception object and the reason that object was thrown, or the backtrace for that object Output destinations: Destinations for output level 10.	Detailed information for *KAPMxxxxx-E*. This indicates the thrown exception object and the backtrace for that object. See the message *KAPMxxxxx-E*.

Table 2.2 HiCommand Suite Common Component Messages (KDJExxxxx)

Error Code	Error Message	Recommended Action
KDJE41000-E	Failed to connect to web container. errno=*aa...aa*, *bb...bb*, *cc...cc* *aa...aa*: System-specific error number *bb...bb*: Web container IP address used to communicate to the web server *cc...cc*: Web container port number used to communicate with the web server Output destinations: syslog/Eventlog	An attempt to connect to the web container has failed. Check the following: 1. Whether the worker port number is correct. Whether the worker host name or IP address is correct. That the queue for web container execution does not exceed the maximum limit. Remove the cause of the error by following the error's system-specific error number (this is the definition value of errno.h in a UNIX system, and the return value of WSAGetLastError() in a Windows system).
KDJE41001-E	Redirection to worker *aa...aa* failed. *aa...aa*: Worker name Output destinations: syslog/Eventlog	An error occurred while communicating with the worker. An error occurred while communicating to worker *aa...aa*. Follow the message last output (such as KDJE41000) to solve the problem.
KDJE41002-E	Could not redirect the request to worker. Because redirector could not access the definition file : *aa...aa* *aa...aa*: File name Output destinations: syslog/Eventlog	The request could not be redirected to the worker because the redirector could not access the definition file. The definition file of *aa...aa* could not be accessed. Check the access permissions and whether the definition file exists, and restart the web server.
KDJE41003-W	Invalid parameter value is specified in *aa...aa* file : (*bb...bb*=*cc...cc*). Default parameter value is used : *dd...dd* *aa...aa*: File name *bb...bb*: Parameter name *cc...cc*: Value *dd...dd*: Default value Output destinations: syslog/Eventlog	The value specified in the parameter is invalid. The default value will be used. To change the value of the *bb...bb* parameter of *aa...aa* file from the default value to an appropriate value, and restart the web server.
KDJE41004-E	Could not redirect the request to a worker because request header was too long. Output destinations: syslog/Eventlog	The redirector could not make a request to the worker, because the header size of the HTTP request is too large. Remove the cause of the overly large HTTP request header, and re-access the worker. A possible cause is that the HTTP GET method is being used instead of the POST method.
KDJE41005-E	Could not redirect the request to a worker because worker name which is specified in the mapping definition file was not defined to worker.list parameter in the workers definition file. (worker name=*aa...aa*) *aa...aa*: Worker name Output destinations: syslog/Eventlog	The redirector cannot redirect the request to the worker because the worker specified in the mapping definition file is not defined in the worker.list parameters. Specify the worker name (*aa...aa*) defined in the mapping definition file (default name: `uriworkermap.properties`) in the worker.list parameters of the worker definition file (default name: `uriworkermap.properties`), and restart the web server.

Error Code	Error Message	Recommended Action
KDJE41006-E	Could not redirect the request to a worker because a required parameter was not specified in the workers definition file. (parameter=*aa...aa*) *aa...aa*: Parameter name Output destinations: syslog/Eventlog	The redirector cannot redirect the request to the worker because a required parameter has not been specified in the worker definition file. Specify the *aa...aa* parameter in the worker definition file (default name: workers.properties), and restart the web server.
KDJE41007-E	Could not redirect the request to a worker because invalid value was specified in the workers definition file. (parameter=*aa...aa*,value=*bb...bb*) *aa...aa*: Parameter name *bb...bb*: Value Output destinations: syslog/Eventlog	The redirector could not redirect the request to the worker because the parameter value specified in the worker definition file is invalid. Specify an appropriate value for the worker definition file (default name: `workers.properties`) parameter (*aa...aa*), and restart the web server.
KDJE41008-W	Invalid parameter value is specified in the workers definition file (parameter=*aa...aa*,value=*bb...bb*). Default parameter value is used : *cc...cc* *aa...aa*: Parameter name *bb...bb*: Value *cc...cc*: Default value Output destinations: syslog/Eventlog	The parameter value specified in the worker definition file is invalid. The default value will be used. To change the worker definition file (default name: `workers.properties`) parameter (*aa...aa*) from the default value, specify an appropriate value in the *aa...aa* parameter, and restart the web server.
KDJE41009-E	Could not create worker because it is out of memory. Output destinations: syslog/Eventlog	The worker could not be created because memory is insufficient. Memory has become insufficient. Secure more memory for the system, and restart the web server. This happens when a value specified in the worker definition file parameter (`worker.`*worker-name*`.cachesize`) is too large. The `worker.`*worker-name*`.cachesize` value consumes memory as per the following formula: Memory consumption = (`worker.`*worker-name*`.cachesize` value) * 10 kilobytes
KDJE41010-E	Failed to connect to web client. errno=*aa...aa* *aa...aa*: System-specific error number Output destinations: syslog/Eventlog	An attempt to communicate with the client that submitted the requested has failed. The client who submitted the request may have stopped during communication. Remove the cause of the error by following the error's system-specific error number (this is the definition value of errno.h in a UNIX system, and the return value of WSAGetLastError() in a Windows system).
KDJE41012-E	The uri pattern that does not start with '/' was specified in the *aa...aa* file. This parameter is ignored(*bb...bb* to *cc...cc*). *aa...aa*: File name *bb...bb*: URI pattern *cc...cc*: Worker name Output destinations: syslog/Eventlog	The URI pattern specified in the definition file does not start with the "`/`" character. This parameter will be ignored. To validate the specified URI pattern and worker name, start the *bb...bb* URI pattern of the *aa...aa* file with a "`/`" character, and restart the web server.
KDJE41016-E	Could not redirect the request because it is out of memory. Output destinations: syslog/Eventlog	The redirector cannot transfer the request because memory is insufficient. Memory has become insufficient. Secure more memory for the system, and restart the web server.

Error Code	Error Message	Recommended Action
No message ID	The service named *aa...aa* reported the following error:>>> *bb...bb* <<<before the error.log file could be opened.More information may be available in the error.log file. *aa...aa*: Name of the executable file of HBase Storage Mgmt Web Service *bb...bb*: Message text Output to event log	The error described in *bb...bb* occurred before the log file (error.log) was opened. Remove the error cause indicated by the message text, and restart the HBase Storage Mgmt Web Service.

Table 2.3 HiCommand Suite Common Component Messages (KEHGxxxxx)

Error Code	Error Message	Description and Action
KEHG00101-E	An empty string or null was specified for the element name. Output destinations: Destinations for output level 10.	An empty string or null was specified for the element name. Collect maintenance information, and then contact the Support Center.
KEHG00102-E	An empty string or null was specified for the attribute name. Output destinations: Destinations for output level 10.	An empty string or null was specified for the attribute name. Collect maintenance information, and then contact the Support Center.
KEHG00103-E	An object in PageContext (*aa...aa*) is invalid. *aa...aa*: Name of the invalid object Output destinations: Destinations for output level 10.	An object in PageContext (*aa...aa*) is invalid. Collect maintenance information, and then contact the Support Center.
KEHG00104-E	The specified application name is invalid. Output destinations: Destinations for output level 10.	The specified application name is invalid. Collect maintenance information, and then contact the Support Center.
KEHG00105-E	The parts initialization has not been performed. Output destinations: Destinations for output level 10.	The parts initialization has not been performed. Collect maintenance information, and then contact the Support Center.
KEHG05710-E	The first column cannot be a value. Output destinations: Destinations for output level 10.	The first column cannot be a value. Collect maintenance information, and then contact the Support Center.
KEHG05711-E	Values cannot be used for two consecutive columns. Output destinations: Destinations for output level 10.	Values cannot be used for two consecutive columns. Collect maintenance information, and then contact the Support Center.
KEHG05712-E	The last column cannot be a label. Output destinations: Destinations for output level 10.	The last column cannot be a label. Collect maintenance information, and then contact the Support Center.
KEHG05713-E	The first line cannot be a value line. Output destinations: Destinations for output level 10.	The first line cannot be a value line. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KEHG05714-E	Value lines cannot be used for two consecutive lines. Output destinations: Destinations for output level 10.	Value lines cannot be used for two consecutive lines. Collect maintenance information, and then contact the Support Center.
KEHG05715-E	The last line cannot be a label line. Output destinations: Destinations for output level 10.	The last line cannot be a label line. Collect maintenance information, and then contact the Support Center.
KEHG05901-E	Neither postName nor url has been specified. Output destinations: Destinations for output level 10.	Neither postName nor url has been specified. Check the JPS coding.
KEHG05902-E	postValue was specified without postName being specified. Output destinations: Destinations for output level 10.	postValue was specified without postName being specified. Check the JPS coding.
KEHG06500-E	Neither postName nor the URL parameter have been specified. Output destinations: Destinations for output level 10.	Neither postName nor the URL parameter have been specified. Collect maintenance information, and then contact the Support Center.
KEHG07501-W	The file "*aa...aa*" could not be read. Path = *bb...bb* Detail: *cc...cc* *aa...aa*: File name *bb...bb*: Path *cc...cc*: Error information Output destinations: Destinations for output level 10.	The file "*aa...aa*" could not be read. Collect maintenance information, and then contact the Support Center.
KEHG07502-E	Authentication has failed. Output destinations: Destinations for output level 10.	Authentication has failed. Collect maintenance information, and then contact the Support Center.
KEHG07504-E	An attempt to acquire the link and launch information failed. PP Type = *aa...aa* *aa...aa*: PP type Output destinations: Destinations for output level 10.	An attempt to acquire the link and launch information failed. Collect maintenance information, and then contact the Support Center.
KEHG08301-E	An attempt to read the file (*aa...aa*) has failed. *aa...aa*: Name of the file that could not be read Output destinations: Destinations for output level 10.	An attempt to read the file (*aa...aa*) has failed. Collect maintenance information, and then contact the Support Center.
KEHG08302-E	The specified application name is not registered in HiCommand Suite Common Component. Output destinations: Destinations for output level 10.	The specified application name is not registered in HiCommand Suite Common Component. Collect maintenance information, and then contact the Support Center.

Error Code	Error Message	Description and Action
KEHG08303-E	An attempt to authenticate HiCommand Suite Common Component has failed. Output destinations: Destinations for output level 10.	An attempt to authenticate HiCommand Suite Common Component has failed. Collect maintenance information, and then contact the Support Center.
KEHG08304-E	An attempt to communicate with the HiCommand Suite Common Component has failed. Output destinations: Destinations for output level 10.	An attempt to communicate with HiCommand Suite Common Component has failed. Collect maintenance information, and then contact the Support Center.
KEHG08305-E	An error occurred in the HiCommand Suite Common Component. Output destinations: Destinations for output level 10.	An error occurred in HiCommand Suite Common Component. Collect maintenance information, and then contact the Support Center.
KEHG20101-E	An empty string or null was specified for the element name. Output destinations: Destinations for output level 10.	An empty string or null was specified for the element name. Collect maintenance information, and then contact the Support Center.
KEHG20102-E	An empty string or null was specified for the attribute name. Output destinations: Destinations for output level 10.	An empty string or null was specified for the attribute name. Collect maintenance information, and then contact the Support Center.
KEHG90003-E	An unexpected tag was detected. (tag name: *aa...aa*, attribute value: *bb...bb* = *cc...cc*, ... expected tag name: *dd...dd*, ...) *aa...aa*: Unexpected tag name *bb...bb*: Attribute name of *aa...aa* *cc...cc*: Value of the attribute name *bb...bb* *dd...dd*: Expected tag name Output destinations: Destinations for output level 10.	An unexpected tag was detected. Collect maintenance information, and then contact the Support Center.
KEHG90004-E	An unexpected value was detected for a variable. (variable name = *aa...aa*, value = *bb...bb*) *aa...aa*: Variable containing the unexpected value *bb...bb*: Value of the unexpected variable Output destinations: Destinations for output level 10.	An unexpected value was detected for a variable. Collect maintenance information, and then contact the Support Center.
KEHG90005-E	An unexpected error occurred. (*aa...aa*) *aa...aa*: Error information Output destinations: Destinations for output level 10.	An unexpected error occurred. Collect maintenance information, and then contact the Support Center.
KEHG90006-E	A resource file corresponding to the specified locale (*aa...aa*) was not found. *aa...aa*: Locale name Output destinations: Destinations for output level 10.	A resource file corresponding to the specified locale (*aa...aa*) was not found. Collect maintenance information, and then contact the Support Center.

2.2 Error Messages Output by HiRDB

This section lists and describes the error messages output by HiRDB. The following table shows a description of the messages and the corresponding table title:

Table 2.4 Error Messages Output by HiRDB and the Corresponding Table Title

Table Contents	Table Number	Table Title	Description of Message and Action to Be Taken
Messages are classified by prefix and described in each table.	Table 2.5	HiRDB Messages (KFPH)	Follow the instructions described in the *Description and Action* column for each message.
	Table 2.6	HiRDB Messages (KFPO)	
	Table 2.8	HiRDB Messages (KFPR)	
	Table 2.9	HiRDB Messages (KFPS)	
Messages that are not output frequently are classified according to the required action, and listed in each table.	Table 2.10	HiRDB Messages (which require no action)	No action is required for the message.
	Table 2.11	HiRDB Messages (which require collection of maintenance information, and contact to customer support)	Collect maintenance information, and then contact customer support.
	Table 2.12	HiRDB Messages (which require re-execution of the operation)	Re-execute the operation in which an error occurred. If the same message is output, collect maintenance information, and then contact customer support.
	Table 2.13	HiRDB Messages (which require restoration of the database)	Use the `hcmdsdb` command to restore the database by using the backup obtained by the `hcmdsbackups` command.
	Table 2.14	HiRDB Messages (which require the system to be restarted, and re-execution of the operation)	Stop the service programs of the HiCommand program products, restart the system, and then re-execute the operation. If the same message is output, collect maintenance information, and then contact customer support.

An error message consists of a message ID and the message text (error message text). The format is as follows:

- Format:

  `KFPA`*mmmmm*`-z` *message-text* (see Table 2.11.)

  `KFPC`*mmmmm*`-z` *message-text* (see Table 2.10 and Table 2.11.)

  `KFPD`*mmmmm*`-z` *message-text* (see Table 2.10 to Table 2.12.)

  `KFPH`*mmmmm*`-z` *message-text* (see Table 2.5, and Table 2.10 to Table 2.13.)

KFPI*mmmmm*-*z message-text* (see Table 2.12 and Table 2.13.)

KFPK*mmmmm*-*z message-text* (see Table 2.11.)

KFPL*mmmmm*-*z message-text* (see Table 2.10 to Table 2.14.)

KFPO*mmmmm*-*z message-text* (see Table 2.6 and Table 2.11.)

KFPR*mmmmm*-*z message-text* (see Table 2.8, and Table 2.10 to Table 2.13.)

KFPS*mmmmm*-*z message-text* (see Table 2.9 to Table 2.14.)

KFPU*mmmmm*-*z message-text* (see Table 2.10 to Table 2.12.)

KFPX*mmmmm*-*z* message-text (see Table 2.10 to Table 2.13.)

mmmmm is the message number, and *z* is one of the following message levels:

- I: information
- Q: question
- W: warning
- E: error

- Output destination:

  The error message is output to syslog or the event log.

Table 2.5 HiRDB Messages (KFPH)

Error Code	Error Message	Description and Action
KFPH00135-E	*aa....aa* command failed, server = SDS01 *aa....aa*: Command name Output destination: original log trace and either syslog or the event log	The server SDS01 could not execute the operation command *aa....aa*. The system cancels the operation from the server SDS01, and continues processing. Re-execute the operation executed immediately before this message was output. If the same message is output, collect maintenance information, and then contact customer support.
KFPH20004-E	Server SDS01 termination failed, function=*aa....aa*, return code=*bbbb* *aa....aa*: Function resulting in the error *bbbb*: Return code Output destination: syslog or the event log	During termination of the server SDS01, a *bbbb* error occurred in *aa....aa*. The system stops termination of the server SDS01. An operation submitted before termination of the server was submitted has not finished. Wait until the executing operation finishes, and then re-execute termination of the server. If the same message is output, collect maintenance information, and then contact customer support.
KFPH23006-E	Failed to allocate semaphore, errno=*aa....aa* *aa....aa*: Error cause code 4: The semaphore count per semaphore identifier exceeded the maximum value of the system. 8: The number of semaphores used by the entire system or the number of semaphore identifiers exceeded the maximum value of the system. Output destination: syslog or the event log	An attempt to allocate the semaphore resource has failed. The system terminates abnormally. Restart the system. If the same message is output, collect maintenance information, and then contact customer support.

Table 2.6 HiRDB Messages (KFPO)

Error Code	Error Message	Description and Action
KFPO00113-E	"shmget(manager)" failed. size=*aa....aa*, errno=*bbb* *aa....aa*: Size of the shared memory to be obtained (in bytes) *bbb*: Value of `errno` for the `shmget` system call Output destination: syslog or the event log	The `shmget` system call that was issued in order to obtain shared memory resulted in an error. The system terminates abnormally. Stop the service programs of the HiCommand program products, restart the system, and then re-execute the operation. If the same message is output, take appropriate actions according to the value of `errno`* for the `shmget` system call.
KFPO00114-E	"shmget(*aa....aa*)" failed. size=*bb....bb*, errno=*ccc* *aa....aa*: Server identifier *bb....bb* Size of the shared memory to be obtained (in bytes) *ccc*: Value of `errno` for the `shmget` system call Output destination: syslog or the event log	When obtaining the shared memory used by the server *aa....aa*, the `shmget` system call resulted in an error. The system terminates processing. Stop the service programs of the HiCommand program products, restart the system, and then re-execute the operation. If the same message is output, take appropriate actions according to the value of `errno`* for the `shmget` system call.

Table 2.7 Error Cause and Actions to Be Taken for Each errno

errno	Cause		Action	
	Windows	Solaris, Linux	Windows	Solaris, Linux
12	Resources are insufficient.	The size of the shared memory to be obtained exceeds the memory size of the machine.	Check whether the performance of the system in which the HiCommand program products are set up satisfies the requirements. If the system does not satisfy the requirements, tune it appropriately. If the system satisfies the requirements, collect maintenance information, and then contact customer support.	
22	A work file in the HiRDB installation directory might have been deleted while HiRDB was operating.	The size of the shared memory to be obtained exceeds the value specified in the OS kernel parameter `shmmax`.	Use the `hcmdssrv /stop` command to stop the HiCommand Suite Common Component service, and then use the `hcmdssrv /start` command to restart the HiCommand Suite Component service.	Solaris: Specify a larger value in the kernel parameter `shmsys:shminfo_shmmax`, and then restart the corresponding server. Linux: Specify a larger value in the kernel parameter `kernel.shmmax`, and then restart the corresponding server.
28	The capacity of the installation drive is insufficient.	The number of identifiers for the shared memory exceeds the maximum for the OS.	In the installation drive, reserve a space larger than the shared memory.	Perform the following: - Reduce the number of shared memory segments in a single machine - Increase the value specified in the kernel parameter `shmmni`.
Others	---	---	Collect maintenance information, and then contact customer support.	

Table 2.8 HiRDB Messages (KFPR)

Error Code	Error Message	Description and Action
KFPR26032-E	Unable to remove temporary file, host=*aa....aa*, file=*bb....bb* *aa....aa*: Name of the host where the file that cannot be deleted is located *bb....bb*: Name of the file that cannot be deleted Output destination: syslog or the event log	A temporary file cannot be deleted. The system continues processing. After the operation finishes, delete the file *bb....bb*. If the same message is output, collect maintenance information, and then contact customer support.
KFPR26243-E	Unable to remove temporary file, host=aa....aa, file=bb....bb *aa....aa*: Name of the host where the file that cannot be deleted is located *bb....bb*: Name of the file that cannot be deleted Output destination: syslog or the event log	A temporary file cannot be deleted. The system continues processing. After the operation finishes, delete the file *bb....bb*. If the same message is output, collect maintenance information, and then contact customer support.

Table 2.9 HiRDB Messages (KFPS)

Error Code	Error Message	Description and Action
KFPS00719-E	Message output error. message ID= *aaa* *aaa*: Message ID of the message to be output Output destination: original log trace and either syslog or the event log	Memory was insufficient when a message was output. The system continues processing. Stop the service programs of the HiCommand program products, and then restart the system. Follow the instructions described in the *Description and Action* column for the message with the ID *aaa*.

Table 2.10 HiRDB Messages (Which Require No Action)

Prefix	Message ID
KFPC	KFPC00101-I
KFPD	KFPD00029-W
KFPH	KFPH00035-W, KFPH00110-I, KFPH00115-I, KFPH00130-I, KFPH00134-I, KFPH00157-W, KFPH00210-I, KFPH00211-I, KFPH00212-I, KFPH00213-W, KFPH00372-I, KFPH20006-W, KFPH20007-W, KFPH20008-W, KFPH20009-W, KFPH20010-W, KFPH20015-I, KFPH22004-W, KFPH22012-W, KFPH22017-I, KFPH22019-I, KFPH22020-W, KFPH22021-W, KFPH22022-E, KFPH22023-W, KFPH22024-I, KFPH22030-W, KFPH22031-W, KFPH22034-W, KFPH23008-W, KFPH23013-W, KFPH23014-W, KFPH23017-W, KFPH23018-W, KFPH23024-I, KFPH23030-I, KFPH23201-W, KFPH23202-W, KFPH24004-I, KFPH26001-I, KFPH26010-I, KFPH29005-W, KFPH29006-W, KFPH29008-I
KFPL	KFPL00700-I, KFPL00701-I, KFPL00702-I, KFPL00703-I, KFPL00704-I, KFPL00705-I, KFPL00707-I, KFPL00708-I, KFPL00709-I, KFPL00710-I, KFPL00712-I, KFPL00713-I, KFPL00714-I, KFPL00715-I, KFPL00716-I, KFPL00717-I, KFPL00719-I, KFPL00720-I, KFPL00721-I, KFPL00722-I, KFPL00723-I, KFPL00724-I, KFPL00725-I, KFPL00726-I, KFPL00727-I, KFPL00728-I, KFPL00732-I, KFPL00733-I, KFPL00734-I, KFPL00735-I, KFPL00736-I, KFPL00738-I, KFPL00739-I, KFPL00750-I, KFPL00751-I, KFPL00800-I, KFPL00810-I, KFPL00900-I, KFPL22222-I, KFPL22223-I, KFPL25700-I, KFPL50000-I, KFPL50001-I

Prefix	Message ID
KFPR	KFPR00754-I, KFPR00756-I, KFPR00757-I, KFPR00758-I, KFPR00764-I, KFPR00765-I, KFPR00766-I, KFPR00767-I, KFPR00768-I, KFPR00786-I, KFPR16110-I, KFPR26022-I, KFPR26023-I, KFPR26028-I, KFPR26029-I, KFPR26052-I, KFPR26053-I, KFPR26057-I, KFPR26058-I, KFPR26060-I, KFPR26061-W, KFPR26062-W, KFPR26063-I, KFPR26109-I, KFPR26222-I, KFPR26233-I, KFPR26241-W, KFPR26257-I, KFPR26258-I, KFPR26262-W, KFPR26264-I, KFPR26265-I, KFPR26270-W, KFPR26272-W, KFPR26275-I, KFPR26276-I
KFPS	KFPS00056-I, KFPS00354-W, KFPS00441-I, KFPS00444-I, KFPS00446-W, KFPS00447-I, KFPS00450-W, KFPS00451-I, KFPS00610-I, KFPS00611-I, KFPS00847-W, KFPS00860-W, KFPS00958-I, KFPS00971-I, KFPS00972-I, KFPS00973-I, KFPS00980-W, KFPS00983-I, KFPS00985-I, KFPS00986-W, KFPS00988-I, KFPS00990-I, KFPS00991-I, KFPS00993-I, KFPS01001-I, KFPS01008-I, KFPS01011-I, KFPS01012-I, KFPS01041-I, KFPS01043-I, KFPS01044-I, KFPS01051-I, KFPS01060-I, KFPS01061-I, KFPS01062-I, KFPS01063-I, KFPS01104-W, KFPS01108-W, KFPS01109-W, KFPS01114-W, KFPS01116-W, KFPS01128-W, KFPS01130-W, KFPS01151-I, KFPS01152-W, KFPS01153-I, KFPS01154-I, KFPS01155-W, KFPS01156-I, KFPS01157-W, KFPS01161-I, KFPS01162-W, KFPS01163-W, KFPS01175-W, KFPS01182-I, KFPS01206-W, KFPS01211-I, KFPS01212-I, KFPS01213-W, KFPS01215-I, KFPS01216-I, KFPS01217-I, KFPS01218-I, KFPS01221-I, KFPS01222-I, KFPS01224-I, KFPS01225-I, KFPS01227-W, KFPS01228-W, KFPS01229-I, KFPS01234-I, KFPS01250-I, KFPS01252-I, KFPS01253-I, KFPS01255-W, KFPS01258-W, KFPS01262-I, KFPS01263-I, KFPS01265-I, KFPS01266-I, KFPS01269-I, KFPS01271-I, KFPS01278-W, KFPS01279-W, KFPS01800-I, KFPS01803-I, KFPS01813-I, KFPS01814-I, KFPS01819-I, KFPS01826-I, KFPS01830-I, KFPS01831-I, KFPS01832-I, KFPS01833-I, KFPS01836-W, KFPS01837-I, KFPS01838-W, KFPS01840-I, KFPS01842-I, KFPS01843-I, KFPS01849-W, KFPS01872-I, KFPS01877-I, KFPS01878-I, KFPS01888-W, KFPS01890-I, KFPS01894-I, KFPS01900-I, KFPS02101-I, KFPS02104-W, KFPS02105-W, KFPS02112-W, KFPS02118-I, KFPS02119-I, KFPS02122-W, KFPS02123-W, KFPS02124-W, KFPS02125-W, KFPS02127-W, KFPS02176-I, KFPS02177-I, KFPS02179-I, KFPS02181-I, KFPS02183-I, KFPS02185-I, KFPS02186-W, KFPS02187-I, KFPS02188-I, KFPS02189-W, KFPS02194-I, KFPS02195-W, KFPS02196-W, KFPS02240-W, KFPS04320-W, KFPS04321-W, KFPS04322-W, KFPS04323-W, KFPS04370-W, KFPS04371-W, KFPS04372-I, KFPS04373-I, KFPS04605-W, KFPS04620-I, KFPS04624-I, KFPS04629-I, KFPS04643-I, KFPS04644-I, KFPS04650-I, KFPS04651-W, KFPS04654-W, KFPS04660-I, KFPS04661-I, KFPS04663-W, KFPS04664-I, KFPS05024-I, KFPS05025-I, KFPS05048-Q, KFPS05072-W, KFPS05078-I, KFPS05110-I, KFPS05753-W
KFPU	KFPU00210-W, KFPU00211-W, KFPU00212-W
KFPX	KFPX14045-W, KFPX14046-W, KFPX14047-W, KFPX14078-W, KFPX14245-W, KFPX14246-W, KFPX14247-W, KFPX14250-I, KFPX18507-W, KFPX24012-I, KFPX24013-I, KFPX24212-I, KFPX24213-I, KFPX24225-I, KFPX24226-I, KFPX24237-I, KFPX24239-I, KFPX24261-I, KFPX24402-E, KFPX24404-I, KFPX28400-I, KFPX28401-I, KFPX28402-I

Table 2.11 HiRDB Messages (Which Require Collection of Maintenance Information, and Contact to Customer Support)

Prefix	Message ID
KFPA	KFPA20005-E, KFPA20006-E
KFPC	KFPC00102-E, KFPC00103-I, KFPC00104-E
KFPD	KFPD00011-E, KFPD00013-E, KFPD00014-E, KFPD00024-W, KFPD00030-W
KFPH	KFPH00131-E, KFPH00133-E, KFPH00141-E, KFPH00142-E, KFPH00153-E, KFPH00154-E, KFPH00155-W, KFPH00156-E, KFPH20001-E, KFPH20011-E, KFPH20012-E, KFPH20013-E, KFPH20016-E, KFPH22005-E, KFPH22006-E, KFPH22007-E, KFPH22008-E, KFPH22009-E, KFPH22010-E, KFPH22011-E, KFPH22014-E, KFPH22015-E, KFPH22016-E, KFPH23001-E, KFPH23002-E, KFPH23009-E, KFPH23010-E, KFPH23011-W, KFPH23012-E, KFPH23015-E, KFPH23016-E, KFPH23021-E, KFPH23029-E, KFPH23031-E, KFPH23032-E, KFPH23033-E, KFPH23034-E, KFPH25101-E, KFPH26000-E, KFPH27000-E, KFPH27004-E, KFPH27009-E, KFPH27010-E, KFPH27011-E, KFPH27030-E, KFPH27032-E, KFPH28001-E

Prefix	Message ID
KFPK	KFPK00204-E
KFPL	KFPL10000-E, KFPL10001-E, KFPL10002-E, KFPL10003-E, KFPL10004-E, KFPL10005-E, KFPL10006-E, KFPL11111-E, KFPL15010-E, KFPL15030-E, KFPL15036-E, KFPL15046-E, KFPL15047-E, KFPL15052-E, KFPL15059-E, KFPL15060-E, KFPL15061-E, KFPL15062-E, KFPL15063-E, KFPL15064-E, KFPL15065-E, KFPL15066-E, KFPL15067-E, KFPL15068-E, KFPL15069-E, KFPL15070-E, KFPL15199-E, KFPL15224-E, KFPL15225-E, KFPL15226-E, KFPL15229-E, KFPL15231-E, KFPL15234-E, KFPL15246-E, KFPL15281-E, KFPL15282-E, KFPL15283-E, KFPL15288-E, KFPL15300-E, KFPL15301-E, KFPL15302-E, KFPL15305-E, KFPL15308-E, KFPL15310-E, KFPL15311-E, KFPL15312-E, KFPL15313-E, KFPL15314-E, KFPL15315-E, KFPL15316-E, KFPL15317-E, KFPL15318-E, KFPL15319-E, KFPL15321-E, KFPL15322-E, KFPL15323-E, KFPL15326-E, KFPL15331-E, KFPL15333-E, KFPL15334-E, KFPL15335-E, KFPL15336-E, KFPL15337-E, KFPL15338-E, KFPL15339-E, KFPL15340-E, KFPL15341-E, KFPL15342-E, KFPL15343-E, KFPL15344-W, KFPL15346-W, KFPL15347-E, KFPL15348-E, KFPL15349-E, KFPL16300-E, KFPL16310-E, KFPL16320-E, KFPL16321-E, KFPL16322-E, KFPL16323-E, KFPL16324-E, KFPL16325-W, KFPL16327-E, KFPL17000-E, KFPL17001-E, KFPL17010-E, KFPL20005-E, KFPL20090-E, KFPL20091-E, KFPL20100-E, KFPL22001-E, KFPL23100-E, KFPL23500-E, KFPL24100-E, KFPL24152-E, KFPL24500-E, KFPL24509-E, KFPL24510-E, KFPL25040-E, KFPL25200-E, KFPL25210-E, KFPL25212-E, KFPL25213-E, KFPL25222-W, KFPL25338-E, KFPL25339-E, KFPL25340-E, KFPL25342-E, KFPL25343-E, KFPL25344-E, KFPL25347-E, KFPL25352-E, KFPL25353-E, KFPL25354-E, KFPL25355-E, KFPL25356-E, KFPL25357-E, KFPL25358-E, KFPL25359-E, KFPL25710-E, KFPL25999-E, KFPL26339-E, KFPL26340-E, KFPL26342-E, KFPL27100-E, KFPL27500-E, KFPL28000-E, KFPL28002-E, KFPL28101-E, KFPL28102-E, KFPL28103-E, KFPL28104-E, KFPL51203-E
KFPO	KFPO00100-E, KFPO00109-E, KFPO00111-E, KFPO00112-E, KFPO00115-E
KFPR	KFPR16003-E, KFPR16014-E, KFPR16101-E, KFPR16102-E, KFPR16108-E, KFPR16126-E, KFPR16127-E, KFPR16128-E, KFPR16203-E, KFPR16214-E, KFPR16301-E, KFPR16302-E, KFPR16303-E, KFPR16308-E, KFPR16318-E, KFPR16328-E, KFPR16330-E, KFPR16333-E, KFPR16334-E, KFPR16338-E, KFPR16339-E, KFPR26003-E, KFPR26005-E, KFPR26006-E, KFPR26007-E, KFPR26008-E, KFPR26009-E, KFPR26010-E, KFPR26011-E, KFPR26012-E, KFPR26015-E, KFPR26016-E, KFPR26018-E, KFPR26020-E, KFPR26021-E, KFPR26024-E, KFPR26025-E, KFPR26026-E, KFPR26027-E, KFPR26030-E, KFPR26031-E, KFPR26033-E, KFPR26051-E, KFPR26054-E, KFPR26055-E, KFPR26056-E, KFPR26059-E, KFPR26110-E, KFPR26111-E, KFPR26203-E, KFPR26205-E, KFPR26206-E, KFPR26207-E, KFPR26208-E, KFPR26209-E, KFPR26210-E, KFPR26212-E, KFPR26215-E, KFPR26216-E, KFPR26218-E, KFPR26220-E, KFPR26221-E, KFPR26224-E, KFPR26225-E, KFPR26226-E, KFPR26227-E, KFPR26228-E, KFPR26229-E, KFPR26230-E, KFPR26232-E, KFPR26234-E, KFPR26235-E, KFPR26236-E, KFPR26237-E, KFPR26238-E, KFPR26239-E, KFPR26240-E, KFPR26242-E, KFPR26244-E, KFPR26254-E, KFPR26255-E, KFPR26273-E, KFPR26277-E, KFPR26280-E
KFPS	KFPS00345-W, KFPS00346-E, KFPS00347-E, KFPS00348-E, KFPS00349-E, KFPS00412-E, KFPS00440-W, KFPS00442-E, KFPS00448-E, KFPS00452-E, KFPS00612-E, KFPS00700-E, KFPS00701-E, KFPS00707-E, KFPS00709-E, KFPS00710-E, KFPS00712-E, KFPS00713-E, KFPS00714-E, KFPS00715-E, KFPS00717-E, KFPS00720-E, KFPS00722-E, KFPS00729-E, KFPS00803-E, KFPS00835-E, KFPS00840-E, KFPS00841-E, KFPS00850-E, KFPS00856-E, KFPS00857-E, KFPS00957-E, KFPS00961-E, KFPS00962-E, KFPS00992-E, KFPS01005-E, KFPS01006-E, KFPS01009-E, KFPS01010-E, KFPS01040-E, KFPS01042-E, KFPS01064-E, KFPS01070-E, KFPS01090-E, KFPS01121-E, KFPS01129-E, KFPS01150-E, KFPS01160-E, KFPS01220-E, KFPS01226-E, KFPS01275-E, KFPS01277-E, KFPS01301-E, KFPS01820-E, KFPS01823-E, KFPS01824-E, KFPS01835-E, KFPS01862-E, KFPS01864-E, KFPS01865-E, KFPS01866-E, KFPS01868-E, KFPS01874-E, KFPS01875-E, KFPS01891-E, KFPS01898-E, KFPS02102-E, KFPS02111-E, KFPS02126-E, KFPS02135-E, KFPS02137-E, KFPS02139-E, KFPS02141-E, KFPS02143-E, KFPS02144-E, KFPS02145-E, KFPS02147-E, KFPS02148-E, KFPS02149-E, KFPS02153-E, KFPS02154-E, KFPS02155-E, KFPS02156-E, KFPS02157-E, KFPS02158-E, KFPS02160-E, KFPS02173-E, KFPS02190-E, KFPS02256-E, KFPS03302-E, KFPS04621-E, KFPS04622-E, KFPS04623-E, KFPS04625-E, KFPS04670-E, KFPS05047-E, KFPS05076-E, KFPS05091-E, KFPS05100-E, KFPS05101-E, KFPS05102-E, KFPS05111-E, KFPS05236-E

Prefix	Message ID
KFPU	KFPU00215-E, KFPU00216-E, KFPU00217-E, KFPU00218-E, KFPU00219-E, KFPU00220-E, KFPU00222-E, KFPU00223-E, KFPU00240-E, KFPU00241-E, KFPU00242-E, KFPU00243-E, KFPU00244-E, KFPU00245-E, KFPU00246-E, KFPU00247-E, KFPU00248-E, KFPU00249-E, KFPU00250-E, KFPU00251-E
KFPX	KFPX14004-E, KFPX14017-E, KFPX14018-E, KFPX14019-E, KFPX14020-E, KFPX14023-E, KFPX14024-E, KFPX14025-E, KFPX14026-E, KFPX14027-E, KFPX14029-E, KFPX14030-E, KFPX14035-E, KFPX14051-E, KFPX14204-E, KFPX14217-E, KFPX14218-E, KFPX14220-E, KFPX14223-E, KFPX14224-E, KFPX14225-E, KFPX14226-E, KFPX14227-E, KFPX14229-E, KFPX14230-E, KFPX14235-E, KFPX14236-E, KFPX14238-E, KFPX14251-E, KFPX14253-E, KFPX14255-W, KFPX14259-E, KFPX14262-E, KFPX14268-W, KFPX14280-E, KFPX14302-W, KFPX18502-E, KFPX18506-E, KFPX18508-E, KFPX18550-E, KFPX18551-E, KFPX18555-E, KFPX18560-E, KFPX18562-E, KFPX18563-E, KFPX18566-E, KFPX24004-E, KFPX24005-E, KFPX24006-E, KFPX24007-E, KFPX24009-W, KFPX24011-W, KFPX24018-E, KFPX24019-E, KFPX24020-E, KFPX24022-E, KFPX24025-W, KFPX24026-E, KFPX24028-W, KFPX24029-W, KFPX24030-E, KFPX24202-E, KFPX24204-E, KFPX24205-E, KFPX24206-E, KFPX24207-E, KFPX24211-W, KFPX24218-E, KFPX24219-E, KFPX24220-E, KFPX24222-E, KFPX24223-E, KFPX24227-E, KFPX24228-E, KFPX24229-E, KFPX24230-E, KFPX24231-W, KFPX24232-E, KFPX24233-E, KFPX24234-E, KFPX24235-E, KFPX24236-E, KFPX24238-W, KFPX24240-W, KFPX24241-E, KFPX24242-W, KFPX24243-E, KFPX24244-I , KFPX24246-W, KFPX24262-E, KFPX24263-E, KFPX24264-E, KFPX24265-E, KFPX24266-E, KFPX24268-E, KFPX24269-E, KFPX24270-E, KFPX24271-E, KFPX24272-E, KFPX24273-E, KFPX24274-E, KFPX24275-E, KFPX24403-E, KFPX24407-E, KFPX24408-E, KFPX24409-E, KFPX24410-E, KFPX28405-E, KFPX28407-E, KFPX28502-E, KFPX28503-E, KFPX28504-W

Table 2.12 HiRDB Messages (Which Require Re-execution of the Operation)

Prefix	Message ID
KFPD	KFPD00012-E, KFPD00020-E, KFPD00021-E
KFPH	KFPH00132-E, KFPH00145-E, KFPH20003-E, KFPH21001-E, KFPH22002-E, KFPH22013-E, KFPH23003-E, KFPH23004-E, KFPH23005-E, KFPH23025-E, KFPH23026-E, KFPH25002-E, KFPH27005-E, KFPH29009-W
KFPI	KFPI21582-E
KFPL	KFPL15040-E, KFPL15048-E, KFPL15240-E, KFPL20001-E, KFPL20003-E, KFPL20200-E, KFPL22000-E, KFPL25341-E
KFPR	KFPR16005-E, KFPR16205-E, KFPR26001-E, KFPR26002-E, KFPR26017-E, KFPR26201-E, KFPR26202-E, KFPR26217-E
KFPS	KFPS00430-E, KFPS00443-I, KFPS00460-E, KFPS00609-E, KFPS00703-E, KFPS00836-E, KFPS00854-W, KFPS00855-W, KFPS00888-W, KFPS00889-E, KFPS00900-I, KFPS00955-E, KFPS00965-E, KFPS01091-E, KFPS01099-E, KFPS01103-E, KFPS01113-E, KFPS01115-E, KFPS01125-E, KFPS01200-E, KFPS01201-E, KFPS01204-E, KFPS01205-E, KFPS01223-E, KFPS01274-E, KFPS01300-E, KFPS01303-E, KFPS01812-E, KFPS01844-E, KFPS01847-E, KFPS01861-E, KFPS01871-E, KFPS02182-E, KFPS02200-E, KFPS02210-E, KFPS02255-E, KFPS04652-E
KFPU	KFPU00221-E
KFPX	KFPX18410-E, KFPX24001-E, KFPX24015-E, KFPX24024-E, KFPX24201-E, KFPX24208-E, KFPX24215-E, KFPX24405-E

Table 2.13 HiRDB Messages (Which Require Restoration of the Database)

Prefix	Message ID
KFPH	KFPH00306-E, KFPH00307-E, KFPH00308-E, KFPH00309-E, KFPH20005-E, KFPH22001-E, KFPH22003-E, KFPH22018-W, KFPH22025-E, KFPH22026-E, KFPH23007-E, KFPH23023-I, KFPH23100-E, KFPH23101-E, KFPH25000-E, KFPH25001-E, KFPH27006-E, KFPH27007-E, KFPH27008-E
KFPI	KFPI21561-E, KFPI21562-E
KFPL	KFPL20020-E
KFPR	KFPR26072-E
KFPS	KFPS01180-E, KFPS01181-E, KFPS01183-E, KFPS01184-E, KFPS01185-E, KFPS01202-E, KFPS01203-E, KFPS01251-E, KFPS01256-E, KFPS01257-E, KFPS01260-E, KFPS01261-E, KFPS01264-E, KFPS01267-E, KFPS01268-E, KFPS01270-E, KFPS01272-E, KFPS01273-E, KFPS01302-E, KFPS02174-E, KFPS02220-E
KFPX	KFPX24017-E, KFPX24217-E

Table 2.14 HiRDB Messages (Which Require the System to Be Restarted, and Re-execution of the Operation)

Prefix	Message ID
KFPL	KFPL20000-E, KFPL23000-E, KFPL23001-E
KFPS	KFPS00403-E, KFPS00705-E, KFPS00830-E, KFPS01821-E, KFPS01845-E, KFPS01846-E, KFPS01851-E, KFPS01870-E, KFPS02110-E, KFPS02114-E, KFPS02115-E, KFPS02159-E, KFPS02254-E, KFPS04655-E

Chapter 3 Collection Manager Error Codes and Messages

This chapter explains the format and output destinations of Collection Manager messages, shows which messages are output to syslog and the Windows event log, and describes the messages in detail.

- Message Format (Collection Manager) (see section 3.1)
- Message Output Destinations (Collection Manager) (see section 3.2)
- Messages Output to Syslog and Event Log (Collection Manager) (see section 3.3)
- Messages (Collection Manager) (see section 3.4)

3.1 Message Format (Collection Manager)

This section describes the format of messages issued by Collection Manager and the format of the message explanations in this chapter.

3.1.1 Format of Output Messages (Collection Manager)

This section explains the format of messages that are issued by Collection Manager. Each message consists of a message ID and message text. Following is the message format:

KAVE*nnnnn*-*Y message-text*

The message ID indicates the following:

- K: System identifier
- AVE: Indicates a Collection Manager message.
- *nnnnn:* Serial number of the message. Collection Manager message numbers are from 00001 to 19999.
- *Y*: Type of message:
  - E: Error

    Message issued when the system cancels processing
  - W: Warning

    Message issued when the system resumes processing after message output
  - I: Information

    Message in which the system provides the user with information
  - Q: Query

    Message in which the system prompts the user for a response

3.1.1.1 Correspondence of Message Types to the Syslog Priority Levels

- E
  - Level: LOG_ERR
  - Description: Error message
- W
  - Level: LOG_WARNING
  - Description: Warning message
- I
  - Level: LOG_INFO
  - Description: Additional information message
- Q

  (Not output)

3.1.1.2 Correspondence of Message Types to Windows Event Log Types

- E
  - Level: Error
  - Description: Error message
- W
  - Level: Warning
  - Description: Warning message
- I
  - Level: Information
  - Description: Additional information message
- Q
  - (Not output)

3.1.2 Message Description Format (Collection Manager)

This section describes the format of the message explanations in this chapter. The portion of a message text that is shown in italics represents information that is variable depending on the situation. The manual lists the messages in the order of the message IDs. The following is an example of a message explanation:

message-ID *message-text* *message-explanatory-text*

(S) Explains the processing performed by the system.

(O) Explains the action the operator should take when the message is displayed.

3.1.3 Notes for System Administrators (Collection Manager)

If a problem occurs during operation, collect the log information by referring to the chapter that explains error-handling procedures in the *HiCommand Tuning Manager Agent Administration Guide*, and perform the initial investigation.

To perform the initial investigation of the problem cause, refer to the OS log information (the Windows event log for Windows, and the syslog for UNIX) as well as the various types of log information output by the Tuning Manager. In these types of log information, check the details for the time period in which the problem occurred, and take measures to avoid or correct the problem. Also record the operation method leading up to the problem. At the same time, try to determine whether the problem recurs.

3.2 Message Output Destinations (Collection Manager)

Table 3.1 lists the output destinations of the messages that are output by the Collection Manager.

Table 3.1 Output Destinations of Collection Manager Messages

Output Destinations	Message ID
▪ Common message log	KAVE00018 – KAVE00020, KAVE00024 – KAVE00027, KAVE00109, KAVE00132, KAVE00135, KAVE00142 – KAVE00156, KAVE00158 – KAVE00159, KAVE00165, KAVE00178 – KAVE00180, KAVE00183 – KAVE00192, KAVE00203, KAVE00213, KAVE00215, KAVE00216, KAVE00227 – KAVE00231, KAVE00308, KAVE00310, KAVE05222 – KAVE05226, KAVE05315, KAVE05834, KAVE06017, KAVE06029 – KAVE06031
▪ Common message log ▪ Standard error output	KAVE05000 – KAVE05034, KAVE05036 – KAVE05038, KAVE05041 – KAVE05068, KAVE05071, KAVE05078, KAVE05079, KAVE05082, KAVE05085, KAVE05086, KAVE05088, KAVE05091 – KAVE05101, KAVE05106 – KAVE05124, KAVE05127 – KAVE05135, KAVE05137, KAVE05138, KAVE05141 – KAVE05145, KAVE05147 – KAVE05149, KAVE05154, KAVE05159 – KAVE05161, KAVE05163 – KAVE05217, KAVE05227 – KAVE05232, KAVE05234 – KAVE05237, KAVE05264 – KAVE05271, KAVE05275 – KAVE05276, KAVE05278, KAVE05280 – KAVE05284, KAVE05286, KAVE05288 – KAVE05289, KAVE05291, KAVE05293 – KAVE05294, KAVE05297 – KAVE05300, KAVE05303 – KAVE05306, KAVE05309 – KAVE05311, KAVE05313 – KAVE05314, KAVE05340, KAVE05342, KAVE05810 – KAVE05817, KAVE05821, KAVE05823, KAVE05832, KAVE05833, KAVE05837, KAVE05840, KAVE05843, KAVE05846, KAVE05849, KAVE05851, KAVE05853, KAVE05855, KAVE05857, KAVE05859 – KAVE05865, KAVE05867 – KAVE05868, KAVE05871, KAVE05872, KAVE05875 – KAVE05881, KAVE05900 – KAVE05905, KAVE05915, KAVE05918 – KAVE05931,KAVE06016, KAVE06018 – KAVE06021, KAVE06027, KAVE06028
▪ Common message log ▪ Standard output	KAVE05069, KAVE05070, KAVE05080, KAVE05081, KAVE05083, KAVE05084, KAVE05087, KAVE05090, KAVE05125, KAVE05126, KAVE05136, KAVE05139, KAVE05140, KAVE05155 – KAVE05158, KAVE05162, KAVE05233, KAVE05242 – KAVE05246, KAVE05261 – KAVE05263, KAVE05272 – KAVE05273, KAVE05277, KAVE05279, KAVE05285, KAVE05287, KAVE05290, KAVE05292, KAVE05295 – KAVE05296, KAVE05301 – KAVE05302, KAVE05312, KAVE05337 – KAVE05339, KAVE05800, KAVE05801, KAVE05835, KAVE05836, KAVE05838, KAVE05839, KAVE05841, KAVE05842, KAVE05844, KAVE05845, KAVE05847, KAVE05848, KAVE05850, KAVE05852, KAVE05854, KAVE05856, KAVE05858, KAVE05906 – KAVE05914, KAVE05916, KAVE05917, KAVE06014, KAVE06015, KAVE06025, KAVE06026
▪ Common message log ▪ syslog ▪ Windows event log	KAVE00001 – KAVE00014, KAVE00021 – KAVE00023, KAVE00028 – KAVE00108, KAVE00115 – KAVE00128, KAVE00131, KAVE00133, KAVE00134, KAVE00137 – KAVE00141, KAVE00157, KAVE00160 – KAVE00164, KAVE00166 – KAVE00171, KAVE00173, KAVE00175 – KAVE00176, KAVE00181 – KAVE00182, KAVE00193 – KAVE00202, KAVE00205 – KAVE00206, KAVF00999,
▪ Standard error output	KAVE05035, KAVE05102 – KAVE05105, KAVE05146, KAVE05227 – KAVE05232, KAVE05239 – KAVE05241, KAVE05822, KAVE05873, KAVE05874, KAVE06023, KAVE06024
▪ Standard output	KAVE05089, KAVE05150 – KAVE05153, KAVE05162, KAVE05274, KAVE05307 – KAVE05308, KAVE06000 – KAVE06006, KAVE06009, KAVE06010, KAVE06013, KAVE06022
▪ Standard output ▪ Trace log	KAVE05238, KAVE06007, KAVE06008

3.3 Messages Output to Syslog and Event Log (Collection Manager)

This section shows the list of message information that is output by Collection Manager to the syslog and the Windows event log.

The syslog is output to a syslog file. For the storage location of the syslog file, see the syslog daemon configuration file (the default is `/etc/syslogd.conf`).

The Windows event log is displayed in the application log of the Event Viewer window.

To display the Event Viewer window, from the **Start** menu, choose **Settings**, **Control Panel**, **Administrative Tools**, and then **Event Viewer**.

For an event that is output by Collection Manager, an identifier **PFM** is displayed for **Source** in the Event Viewer window.

Table 3.2 shows a list of message information that is output by Collection Manager to the syslog and the Windows event log.

Table 3.2 Messages Output to Syslog and Windows Event Log

Message ID	Syslog		Windows Event Log	
	Facility	Level	Event ID	Type
KAVE00001-I	LOG_DAEMON	LOG_INFO	1	Information
KAVE00002-I			2	
KAVE00003-I			3	
KAVE00004-I			4	
KAVE00005-I			5	
KAVE00006-I			6	
KAVE00007-I			7	
KAVE00008-I			8	
KAVE00009-I			9	
KAVE00010-I			10	
KAVE00011-I			11	
KAVE00012-I			12	
KAVE00013-I			13	
KAVE00014-I			14	
KAVE00015-I			15	
KAVE00016-I			16	
KAVE00021-I			21	
KAVE00022-I			22	

Message ID	Syslog		Windows Event Log	
	Facility	Level	Event ID	Type
KAVE00023-I	LOG_DAEMON	LOG_INFO	23	Information
KAVE00028-I			28	
KAVE00029-I			29	
KAVE00100-E		LOG_ERR	100	Error
KAVE00101-E			101	
KAVE00102-E			102	
KAVE00103-E			103	
KAVE00104-E			104	
KAVE00105-E			105	
KAVE00106-E			106	
KAVE00107-E			107	
KAVE00108-E	LOG_USER or LOG_DAEMON		108	
KAVE00115-E	LOG_DAEMON		115	
KAVE00116-E			116	
KAVE00117-E			117	
KAVE00118-E			118	
KAVE00119-E			119	
KAVE00120-E			120	
KAVE00121-E			121	
KAVE00123-E			123	
KAVE00126-E			126	
KAVE00128-E			128	
KAVE00131-E			131	
KAVE00133-E			133	
KAVE00134-E			134	
KAVE00137-E			137	
KAVE00138-E			138	
KAVE00139-E			139	
KAVE00140-E			140	
KAVE00141-E			141	
KAVE00157-E			157	
KAVE00160-E			160	

Message ID	Syslog		Windows Event Log	
	Facility	Level	Event ID	Type
KAVE00161-E	LOG_DAEMON	LOG_ERR	161	Error
KAVE00162-E			162	
KAVE00163-E			163	
KAVE00164-E			164	
KAVE00166-W		LOG_WARNING	166	Warning
KAVE00167-E		LOG_ERR	167	Error
KAVE00168-E			168	
KAVE00169-E			169	
KAVE00170-E			170	
KAVE00171-E			171	
KAVE00172-E			172	
KAVE00173-E			173	
KAVE00174-E			174	
KAVE00175-E			175	
KAVE00176-E			176	
KAVE00181-W		LOG_WARNING	181	Warning
KAVE00182-E		LOG_ERR	182	Error
KAVE00192-W		LOG_WARNING	192	Warning
KAVE00193-E		LOG_ERR	193	Error
KAVE00194-E			194	
KAVE00195-E			195	
KAVE00196-E			196	
KAVE00197-E			197	
KAVE00198-E			198	
KAVE00199-E			199	
KAVE00200-E			200	
KAVE00201-E	LOG_DAEMON	LOG_ERR	201	Error
KAVE00202-E			202	
KAVE00205-W		LOG_WARNING	205	Warning
KAVE00206-E		LOG_ERR	206	Error
KAVE00999-E			999	

3.4 Messages (Collection Manager)

Table 3.3 explains the messages issued by Collection Manager, and explains what actions to take in response to the messages.

Table 3.3 Messages Issued by Collection Manager

Message ID	Message	Corrective Action
KAVE00001-I	Name Server has started. (host=*host-name*, service=*service-id*)	The Name Server service has started. **(S)** Starts the Name Server service processing.
KAVE00002-I	Name Server has stopped. (host=*host-name*, service=*service-id*)	The Name Server service has stopped. **(S)** Stops the Name Server service processing.
KAVE00003-I	Master Manager has started. (host=*host-name*, service=*service-id*)	The Master Manager service has started. **(S)** Starts the Master Manager service processing.
KAVE00004-I	Master Manager has stopped. (host=*host-name*, service=*service-id*)	The Master Manager service has stopped. **(S)** Stops the Master Manager service processing.
KAVE00005-I	Master Store has started. (host=*host-name*, service=*service-id*)	The Master Store service has started. **(S)** Starts the Master Store service processing.
KAVE00006-I	Master Store has stopped. (host=*host-name*, service=*service-id*)	The Master Store service has stopped. **(S)** Stops the Master Store service processing.
KAVE00007-I	Correlator has started. (host=*host-name*, service=*service-id*)	The Correlator service has started. **(S)** Starts the Correlator service processing.
KAVE00008-I	Correlator has stopped. (host=*host-name*, service=*service-id*)	The Correlator service has stopped. **(S)** Stops the Correlator service processing.
KAVE00009-I	Action Handler has started. (host=*host-name*, service=*service-id*)	The Action Handler service has started. **(S)** Starts the Action Handler service processing.
KAVE00010-I	Action Handler has stopped. (host=*host-name*, service=*service-id*)	The Action Handler service has stopped. **(S)** Stops the Action Handler service processing.
KAVE00011-I	Trap Generator has started. (host=*host-name*, service=*service-id*)	The Trap Generator service has started. **(S)** Starts the Trap Generator service processing.

Message ID	Message	Corrective Action
KAVE00012-I	Trap Generator has stopped. (host=*host-name*, service=*service-id*)	The Trap Generator service has stopped. **(S)** Stops the Trap Generator service processing.
KAVE00013-I	View Server has started. (host=*host-name*, service=*service-id*)	The View Server service has started. **(S)** Starts the View Server service processing.
KAVE00014-I	View Server has stopped. (host=*host-name*, service=*service-id*)	The View Server service has stopped. **(S)** Stops the View Server service processing.
KAVE00018-I	The command ended normally. (alarm=*alarm-name*, alarm table=*alarm-table-name*, pid=*process-id,* rc=*return-code*)	A command defined in an action definition has ended. **(S)** Ends the command.
KAVE00019-I	The command was started. (alarm=*alarm-name*, alarm table=*alarm-table-name*, pid=*process-id*)	A command defined in an action definition has started. **(S)** Starts the command.
KAVE00020-I	The e-mail was sent. (alarm=*alarm-name*, alarm table=*alarm-table-name*, address=*email-address*)	An email defined in an action definition was sent. **(S)** Sends the email.
KAVE00021-I	Agent Store has started. (host=*host-name*, service=*service-id*)	The Agent Store service has started. **(S)** Starts the Agent Store service processing.
KAVE00022-I	Agent Store has stopped. (host=*host-name*, service=*service-id*)	The Agent Store service has stopped. **(S)** Stops the Agent Store service processing.
KAVE00023-I	Service was stopped by the forced termination request. (host=*host-name*, service1=*stopped-service-id*, service2=*request-source-service-id*)	The service was stopped by the forced termination request. **(S)** Stops the service.
KAVE00024-I	Alarm issue: *time, agent, host-name, status, alarm-name, alarm-table-name, message-text*	An alarm was issued. **(S)** Issues the alarm.
KAVE00025-I	*service-name* was forcibly stopped. (PID=*process-ID*)	The `jpcstop` command's `kill=immediate` option forced the service to stop. **(S)** Forces the service to stop.
KAVE00026-I	Manager was successfully connected, so stand-alone mode will now end. (host=*host-name*, service=*service-ID*)	Connection with Tuning Manager was established successfully; so the stand-alone mode will now end and the service will be placed in the normal mode. **(S)** Places the service in the normal mode.

Message ID	Message	Corrective Action
KAVE00027-I	Manager was successfully connected. (host=*host-name*, service=*service-ID*)	Connection with Tuning Manager was established successfully. **(S)** Updates the service settings.
KAVE00028-I	Status Server has started. (host=*host-name*, service=*service-ID*)	The Status Server service has started. **(S)** Starts the Status Server service processing.
KAVE00029-I	Status Server has stopped. (host=*host-name*, service=*service-ID*)	The Status Server service has stopped. **(S)** Stops the Status Server service processing.
KAVE00100-E	An error occurred in an OS API(*api-name*). (en=*os-detail-code*, arg1=*argument-1*, arg2=*argument-2*, arg3=*argument-3*)	An error occurred in an OS API. The code indicated by `en=` is the errno of a system call or a detailed code of Win32API. **(S)** Interrupts processing. **(O)** Check the OS detailed code. If the cause cannot be determined, collect maintenance information and contact the system administrator.
KAVE00101-E	An error occurred in a function (*function-name*). (rc=*maintenance-code*, arg1=*argument-1*, arg2=*argument-2*, arg3=*argument-3*)	An error occurred in a function being controlled. **(S)** Interrupts processing. **(O)** Collect maintenance information and contact the system administrator.
KAVE00102-E	The system environment is invalid. (rc=*maintenance-code*)	The system environment is invalid. The system file was illegally deleted or its access permission was changed. **(S)** Interrupts processing. **(O)** Reinstall Tuning Manager.
KAVE00103-E	An unexpected exception has occurred. (rc=*maintenance-code*)	An unexpected exception has occurred. **(S)** Interrupts processing. **(O)** Collect maintenance information and contact the system administrator.

Message ID	Message	Corrective Action
KAVE00104-E	Memory is insufficient. (size=*allocated-size*)	Memory allocation failed due to memory shortage. **(S)** Interrupts processing. **(O)** Quit those applications that are not currently being used or increase the memory size. Memory shortage may have caused the service stoppage. Execute the `jpcctrl list` command to check the service status. If the Master Store service or Agent Store service has stopped, the database might be corrupted. Restore the database from the backup data, or execute a database re-creation, and then restart the Master Store service or Agent Store service.
KAVE00105-E	The disk capacity is insufficient.	File access failed due to disk capacity shortage. **(S)** Interrupts processing. **(O)** Delete unnecessary files or increase the disk capacity. ▪ Disk capacity shortage may have caused the service stoppage. Execute the `jpcctrl list` command to check the service status. If the Master Store service or Agent Store service has stopped, the database might be corrupted. Restore the database from the backup data or, execute a database re-creation, and then restart the Master Store service or Agent Store service. ▪ If the Agent Collector service, Agent Store service, or Master Store service outputs this message while displaying a real-time report, or historical report, check the disk containing the directory to which temporary files are output. The capacity of this disk might be insufficient. For details on the directory to which temporary files are output, see the *HiCommand Tuning Manager Agent Administration Guide*.
KAVE00106-E	An error occurred in the network. (rc=*maintenance-code*)	An error occurred during TCP/IP communication, or a communication timeout occurred. **(S)** Interrupts processing. **(O)** Check the activation status of the remote server and the network status.

Message ID	Message	Corrective Action
KAVE00107-E	The network environment is invalid. (rc=*maintenance-code*)	TCP/IP initialization failed or socket generation failed. **(S)** Interrupts processing. **(O)** Check the local host's network environment and the system environment.
KAVE00108-E	A fatal error occurred in (*function-name*). Processing stopped. (rc=*error-message-or-error-code*, arg1=*argument-1*, arg2=*argument-2*, arg3=*argument-3*)	Processing was stopped because a fatal error occurred in the function specified by (*function-name*). **(S)** Stops the service. **(O)** Correct the cause of the error based on the error message or error code. If the cause cannot be determined, collect maintenance information and contact the system administrator.
KAVE00109-W	An error occurred in (*function-name*). Processing continue. (rc=*error-message-or-error-code*, arg1=*argument-1*, arg2=*argument-2*, arg3=*argument-3*)	An error occurred in the function specified by (*function-name*), but processing continues by skipping the function. **(S)** Skips the process that caused the error and continues processing. Some of the processes have not been terminated normally. **(O)** Correct the cause of the error based on the error message or error code. If the cause cannot be determined, collect maintenance information and contact the system administrator.
KAVE00115-E	An attempt to start Name Server has failed. (host=*host-name*, service=*service-ID*)	An attempt to start the Name Server service has failed. **(S)** The Name Server service processing finishes. **(O)** Check the cause that is output to the common message log. If processing terminated because a signal was received, the `KAVE00147-E` or `KAVE00192-W` message is output to the common message log.

Message ID	Message	Corrective Action
KAVE00116-E	An attempt to start Master Manager has failed. (host=*host-name*, service=*service-ID*)	An attempt to start the Master Manager service has failed. **(S)** The Master Manager service processing finishes. **(O)** Check the cause that is output to the common message log. If processing terminated because a signal was received, the KAVE00147-E or KAVE00192-W message is output to the common message log.
KAVE00117-E	An attempt to start Master Store has failed. (host=*host-name*, service=*service-ID*)	An attempt to start the Master Store service has failed. **(S)** The Master Store service processing finishes. **(O)** Check the cause that is output to the common message log. If processing terminated because a signal was received, the KAVE00147-E or KAVE00192-W message is output to the common message log.
KAVE00118-E	An attempt to start Correlator has failed. (host=*host-name*, service=*service-ID*)	An attempt to start the Correlator service has failed. **(S)** The Correlator service processing finishes. **(O)** Check the cause that is output to the common message log. If processing terminated because a signal was received, the KAVE00147-E or KAVE00192-W message is output to the common message log.
KAVE00119-E	An attempt to start Action Handler has failed. (host=*host-name*, service=*service-ID*)	An attempt to start the Action Handler service has failed. **(S)** The Action Handler service processing finishes. **(O)** Check the cause that is output to the common message log. If processing terminated because a signal was received, the KAVE00147-E or KAVE00192-W message is output to the common message log.

Message ID	Message	Corrective Action
KAVE00120-E	An attempt to start Trap Generator has failed. (host=*host-name*, service=*service-ID*)	An attempt to start the Trap Generator service has failed. **(S)** The Trap Generator service processing finishes. **(O)** Check the cause that is output to the common message log. If processing terminated because a signal was received, the `KAVE00147-E` or `KAVE00192-W` message is output to the common message log.
KAVE00121-E	An attempt to start View Server has failed. (host=*host-name*, service=*service-ID*)	An attempt to start the View Server service has failed. **(S)** The View Server service processing finishes. **(O)** Check the cause that is output to the common message log. If processing terminated because a signal was received, the `KAVE00147-E` or `KAVE00192-W` message is output to the common message log.
KAVE00123-E	An attempt to get the port number failed. (port=*service-name-of-port-number*)	An attempt to get the port number failed. **(S)** Interrupts service start processing. **(O)** Check the `services` file to see whether the port number to be used is assigned to the service of Collection Manager or Agents. If the port number is assigned to another program, change the port number by executing the `jpcnsconfig port` command.
KAVE00126-E	Invalid entry in jpcsto.ini. (product id=*product-id*, section=*section-name*, entry=*entry-name*)	The specification in the `jpcsto.ini` file is invalid. **(S)** Interrupts the service startup processing. **(O)** Check the content of the `jpcsto.ini` file.

Message ID	Message	Corrective Action
KAVE00128-E	Illegal data was detected in the Store database (db=*database-file-name*)	An unexpected service stoppage or machine shutdown created illegal data in the database of the Master Store service or Agent Store service. **(S)** Interrupts processing. **(O)** ▪ When a backup file is available: Restore the database from the backup file again. ▪ When a backup file is not available: Stop the Master Store service or Agent Store service, delete the database files (`.DB` and `.IDX` extensions) of the Master Store service or Agent Store service, and then restart the service.
KAVE00131-E	The number of open files exceeded the system limit. (rc=*maintenance-code*)	The file could not be opened because the number of open files exceeded the system limit. **(S)** Interrupts processing. **(O)** Quit those applications that are not currently being used or increase the system limit. The service may have been stopped because the system limit was exceeded. Execute the `jpcctrl list` command to check the service status. If the Master Store service or Agent Store service has stopped, the database might be corrupted. Restore the database from the backup data, or execute a database re-creation, and then restart the Master Store service or Agent Store service.
KAVE00132-E	Invalid data was detected in the communication message. (rc=*maintenance-code*)	Invalid data was detected in the communication message. **(S)** Interrupts processing. **(O)** Make sure that the same report number is not being used by another program.

Message ID	Message	Corrective Action
KAVE00133-E	A service that uses the same service ID is already running. (service=*service-id*)	The service could not be started because a service that uses the same service ID is already running. **(S)** Interrupts the service startup processing. **(O)** Check the following: ▪ Are there multiple services with the same instance name specified? ▪ Is the service already running? ▪ Do a physical host and a logical host has the same name on the cluster system? The service cannot be started in an environment where a physical host name and a logical host name are the same on a cluster system. The physical host names and the logical host names should both be distinct.
KAVE00134-E	An IP address could not be resolved. (host=*host-name*)	The necessary host information is not set up in the `hosts` file or DNS environment. **(S)** Interrupts processing. **(O)** Make sure that the necessary host information is set up in the `hosts` file or DNS environment.
KAVE00135-E	An attempt to establish a communication connection with Name Server failed. (rc=*maintenance-code*)	Failed to establish communication connection with the Name Server service. **(S)** Interrupts processing. **(O)** Make sure that the Name Server service is running.
KAVE00137-E	The data directory (*directory-name*) is specified for two or more services.	The same Store database directory, backup directory, or export directory is specified for multiple services. **(S)** Interrupts the service startup processing. **(O)** Check the directory settings.
KAVE00138-E	The specified data directory (*directory-name*) does not exist.	The specified Store database directory, backup directory, export directory, or temporary-file output destination directory does not exist. **(S)** Interrupts the service startup processing if the service is being initialized. Interrupts the requested processing if the service is running. **(O)** Make sure that the specified directory exists.

Message ID	Message	Corrective Action
KAVE00139-E	You do not have permission to access the specified data directory (*directory-name*).	You do not have permission to access the specified Store database directory, backup directory, or export directory. **(S)** Interrupts the service startup processing. **(O)** Check the access permission for the specified directory.
KAVE00140-E	An I/O error occurred. (rc=*maintenance-code*)	An I/O error occurred during processing. **(S)** Interrupts processing. **(O)** Check the file system status. An I/O error may have stopped the service. Execute the `jpcctrl list` command to check the service status. If the Master Store service or Agent Store service has stopped, the database might be corrupted. Restore the database from the backup data, or execute a database re-creation, and then restart the Master Store service or Agent Store service.
KAVE00141-E	An attempt to access a file or directory (*file-name-or-directory-name*) failed.	An attempt to access a file or directory failed. **(S)** Interrupts processing. **(O)** Check the error message that was output immediately before this message.
KAVE00142-E	The command abnormally ended. (alarm=*alarm-name*, alarm table=*alarm-table-name*, pid=*process-id*, signal=*signal-number*)	A command defined in an action definition received a signal and terminated abnormally. **(S)** Stops the command.
KAVE00143-E	The command could not be started. (alarm=*alarm-name*, alarm table=*alarm-table-name*, system call=*system-call-name*, en=*OS-detail-code*)	An attempt to start a command defined in an action definition failed. The code displayed for en= is either errno of system call or detail code of Win32API. **(S)** Stops the start processing of the command. **(O)** Check the OS detail code.
KAVE00144-E	An error has occurred during the starting of the command. (alarm=*alarm-name*, alarm table=*alarm-table-name*, pid=*process-id*, system call=*system-call-name*, en=*OS-detail-code*)	An error occurred while a command defined in an action definition was starting. The code displayed for en= is either errno of system call or detail code of Win32API. **(S)** Stops the start processing of the command. **(O)** Check the OS detail code.

Message ID	Message	Corrective Action
KAVE00145-E	An attempt to send the e-mail failed. (alarm=*alarm-name*, alarm table=*alarm-table-name*, address=*email-address*)	An attempt to send an email defined in an action definition failed. **(S)** Stops the email transmission processing. **(O)** Check the status of the email server.
KAVE00146-E	A shutdown request was issued, so backup or export processing is interrupted.	Backup or export processing was interrupted because a shutdown request was issued. **(S)** Interrupts the backup or export processing.
KAVE00147-E	Reception of a signal interrupted service processing. (signal=*signal-number*)	The service processing was terminated because a signal was received. **(S)** Stops the service processing.
KAVE00148-E	The command could not be started because the character string substitution processing failed.(alarm=*alarm-name*, alarm table=*alarm-table-name*, string=*[name-of-replacement-character-string]*)	An attempt to start a command defined in an action definition failed because a character string replacement failed. **(S)** Stops the start processing of the command. **(O)** Check the contents of the action definition.
KAVE00149-E	The command could not be started because the access permission was denied. (alarm=*alarm-name*, alarm table=*alarm-table-name*, system call=*system-call-name*, en=*OS-detail-code*)	An attempt to start a command defined in an action definition failed because the access permission was inadequate. **(S)** Stops the start processing of the command. **(O)** Check the access permission of the file specified by the command named in the action definition.
KAVE00150-E	The command could not be started, because the pipe generation was failed. (alarm=*alarm-name*, alarm table=*alarm-table-name*, system call=*system-call-name*, en=*OS-detail-code*)	An attempt to start a command failed because a pipe could not be generated. The code displayed in en=OS-detail-code is either errno of system call or detail code of Win32API. **(S)** Stops the start processing of the command. **(O)** Check the OS detail code.
KAVE00151-E	The command could not be started because the execution file does not exist. (alarm=*alarm-name*, alarm table=*alarm-table-name*, system call=*system-call-name*, en=*OS-detail-code*)	An attempt to start a command defined in an action definition failed because no execution file could be found. **(S)** Stops the start processing of the command. **(O)** Check the file specified by the command named in the action definition.

Message ID	Message	Corrective Action
KAVE00152-E	The command could not be started because the file is not an executable file. (alarm=*alarm-name*, alarm table=*alarm-table-name*, system call=*system-call-name*, en=*OS-detail-code*)	An attempt to start a command defined in an action definition failed because the specified file cannot be executed. **(S)** Stops the start processing of the command. **(O)** Check the file specified by the command named in the action definition.
KAVE00153-E	The command could not be started because the access permission was denied. (alarm=*alarm-name*, alarm table=*alarm-table-name*, pid=*process-id*, system call=*system-call-name*, en=*OS-detail-code*)	An attempt to start a command defined in an action definition failed because the access permission was inadequate. **(S)** Stops the start processing of the command. **(O)** Check the access permission for the file specified by the command named in the action definition.
KAVE00154-E	The command could not be started because the execution file does not exist. (alarm=*alarm-name*, alarm table=*alarm-table-name*, pid=*process-id*, system call=*system-call-name*, en=*OS-detail-code*)	An attempt to start a command defined in an action definition failed because no execution file could be found. **(S)** Stops the start processing of the command. **(O)** Check the file specified by the command named in the action definition.
KAVE00155-E	The command could not be started because the file is not an executable file. (alarm=*alarm-name*, alarm table=*alarm-table-name*, pid=*process-id*, system call=*system-call-name*, en=*OS-detail-code*)	An attempt to start a command defined in an action definition failed because the specified file cannot be executed. **(S)** Stops the start processing of the command. **(O)** Check the file specified by the command named in the action definition.
KAVE00156-E	The command could not be started because memory is insufficient. (alarm=*alarm-name*, alarm table=*alarm-table-name*)	An attempt to start a command defined in an action definition failed because memory is insufficient. **(S)** Stops the start processing for the command. **(O)** Quit any application that is not being used or increase memory.

Message ID	Message	Corrective Action
KAVE00157-E	An attempt to start Agent Store has failed. (host=*host-name*, service=*service-ID*)	Startup of the Agent Store service failed. **(S)** Agent Store service processing finishes. **(O)** Check the cause that is output to the common message log. If processing terminated because a signal was received, the `KAVE00147-E` or `KAVE00192-W` message is output to the common message log.
KAVE00158-E	The command could not be started because memory is insufficient. (alarm=*alarm-name*, alarm table=*alarm-table-name*, system call=*system-call-name*, en=*OS-detail-code*)	An attempt to start a command defined in an action definition failed because memory is insufficient. **(S)** Stops the start processing for the command. **(O)** Quit any application that is not being used or increase memory.
KAVE00159-E	The command could not be started because memory is insufficient. (alarm=*alarm-name*, alarm table=*alarm-table-name*, pid=*process-id*, system call=*system-call-name*, en=*OS-detail-code*)	An attempt to start a command defined in an action definition failed because memory is insufficient. **(S)** Stops the start processing for the command. **(O)** Quit any application that is not being used or increase memory.
KAVE00160-E	An attempt to initialize a service failed. (rc=*maintenance-code*)	An attempt to initialize a service failed. **(S)** Interrupts the service startup processing. **(O)** Collect maintenance information and contact the system administrator.
KAVE00161-E	The number of entries in the system lock table exceeded a system dependent maximum.	The file could not be locked because the number of entries in the lock table exceeded the system-dependent maximum. **(S)** Stops the service. **(O)** Check the maximum limit for the number of entries in the lock table.
KAVE00162-E	The same service cannot be started.	The service could not be started because it is already running. **(S)** Stops the service. **(O)** Use the `jpcctrl list` command to check the startup status of the service.

Message ID	Message	Corrective Action
KAVE00163-E	The database type is illegal. (db=*database-file-name*, product id1=*product-id-1*, product id2=*product-id-2*, version1=*version-information-1*, version2=*version-information-2*)	The database type for the Store database is invalid. **(S)** Stops the service. **(O)** The meanings of the values that are output to the message are explained as follows. ▪ *database-file-name* Indicates the name of the database file in which the error was detected. ▪ *product-id-1* Indicates the product ID that must be written inside the database file. ▪ *product-id-2* Indicates the product ID that is written in the database file indicated by *database-file-name*. ▪ *version-information-1* Indicates the database file version information that must be written inside the database file. ▪ *version-information-2* Indicates the database file version information that is written inside the database file specified by *database-file-name*.
KAVE00164-E	The communication connection to another service failed. (rc=*maintenance-code*)	The communication connection to another service failed. **(S)** Interrupts the service startup processing. **(O)** Make sure that all services are running. The meaning of the *maintenance-code* is explained as follows. ▪ `-2`: Communication timeout occurred. ▪ `-6`: No response. ▪ `-13`: Connection processing failed. ▪ `-39`: Data could not be sent to another related service.
KAVE00165-W	The reception of the trap will be canceled because the event was from an undefined agent. (product id=*product-id*)	A trap transmission event was received from an agent that is not defined in the product definitions. **(S)** Interrupts the trap transmission processing. **(O)** Add and set up the agent.

Message ID	Message	Corrective Action
KAVE00166-W	Store service is delayed and the load of the service is high. Please check the collecting items and their collection intervals.(queue length=*the number of unprocessed requests*)	A processing delay occurred in the Master Store service or Agent Store service because there were too many requests. **(S)** Increases the consumption resources for the Master Store service or Agent Store service to maintain requests. **(O)** Review the settings for collecting records and collection intervals, and then adjust the number of requests for the Master Store service or Agent Store service.
KAVE00167-E	The action definition could not be converted because memory is insufficient. (service=*service-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*)	An attempt to convert the character codes of an action definition failed because memory is insufficient. **(S)** The defined action might not execute correctly when an alarm event is generated. **(O)** Quit any application that is not being used or increase memory. Rebind the alarm table on which the error occurred.
KAVE00168-E	The alarm event could not be converted because memory is insufficient. (service=*service-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*)	An attempt to convert the character codes of an alarm event failed because memory is insufficient. **(S)** The defined action might not execute correctly when an alarm event is generated. **(O)** Quit any application that is not being used or increase memory. Check if the action defined for the alarm on which the error occurred is executing normally.
KAVE00169-E	The alarm definition could not be converted because memory is insufficient. (service=*service-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*)	An attempt to convert the character codes of an alarm definition failed because memory is insufficient. **(S)** The defined alarm might be issued correctly. **(O)** Quit any application that is not being used or increase memory. Rebind the alarm table on which the error occurred.

Message ID	Message	Corrective Action
KAVE00170-E	The event information could not be converted because memory is insufficient. (service=*service-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*)	An attempt to convert the character codes of event registration information failed because memory is insufficient. **(S)** The defined action might not execute correctly when an alarm event is generated. **(O)** Quit any application that is not being used or increase memory. Perform the following procedure to update the event registration information for the alarm on which the error occurred: 1. Select the alarm on which the error occurred. Choose File, and then Edit. Click the Finish button without changing any of the settings.
KAVE00171-E	The alarm table binding information could not be converted because memory is insufficient. (service=*service-id*, alarm table=*alarm-table-name*)	An attempt to convert the character codes of alarm table binding information failed because memory is insufficient. **(S)** The defined alarm might be issued correctly. **(O)** Quit any application that is not being used or increase memory. Rebind the alarm table on which the error occurred. If KAVE00141-E has been output to the Agent log, create the folder specified in environment variable JPC_TMPDIR, or change the setting of environment variable JPC_TMPDIR.
KAVE00173-E	The LOGIF expression could not be converted because memory is insufficient. (service=*service-id*)	An attempt to convert the character codes of a log output condition expression failed because memory is insufficient. **(S)** The log output condition expression might not be set correctly. **(O)** Quit any application that is not being used or increase memory. Re-set the log output condition expression.
KAVE00175-E	The E-mail title could not be converted because memory is insufficient.	An attempt to convert the character codes of an email title failed because memory is insufficient. **(S)** Continues processing without converting the character codes. The email title might be displayed in inappropriate character codes. **(O)** Quit any application that is not being used or increase memory.

Message ID	Message	Corrective Action
KAVE00176-E	The E-mail text could not be converted because memory is insufficient.	An attempt to convert the character codes of an email text failed because memory is insufficient. **(S)** Continues processing without converting the character codes. The email text might be displayed in inappropriate character codes. **(O)** Quit any application that is not being used or increase memory.
KAVE00178-W	An attempt to connect to Manager failed, so the service will be started in stand-alone mode. (host=*host-name*, service=*service-ID*)	The service will be started in the stand-alone mode because connection with the Tuning Manager failed. **(S)** Starts the service in stand-alone mode. If communication with Tuning Manager is recovered, the service will automatically enter normal mode. When the status management function is not available, if you use the `jpcctrl list` command from a remote machine to check the status of a service started in stand-alone mode, `Inactive` is displayed. When the status management function is available, `S Active` or `S Busy` is displayed depending on the status of a service. A service is started in stand-alone mode in the following situations: ▪ When Tuning Manager is stopped: If you start the Agent service or Action Handler service while Tuning Manager is stopped, the service starts in stand-alone mode. ▪ When automatic activation is selected: The Agent service or Action Handler service starts without waiting for activation of the Collection Manager service to finish. Thus, the service might start in stand-alone mode. If it does, the service will automatically enter normal mode after Tuning Manager starts. ▪ When Tuning Manager is in a busy state: When multiple Agent services are running concurrently, they have to wait for a communication connection to be established with Tuning Manager. Thus, the Agent service or Action Handler service might start in stand-alone mode. If communication with Tuning Manager is recovered, the service will automatically enter normal mode. ▪ When a communication connection cannot be established with Tuning Manager due to a communication error: The Agent service or Action Handler service starts in stand-alone mode. The service will automatically enter normal mode after the communication recovers from the error.

Message ID	Message	Corrective Action
KAVE00179-W	Invalid entry was detected in the jpchosts.	The `jpchosts` file contains an invalid entry. **(S)** Ignores the invalid entry and resumes processing. **(O)** Check the entries in the `jpchosts` file. Correct the invalid entry and restart the service.
KAVE00180-E	An error occurred during reading the jpchosts.	An error occurred during reading of the `jpchosts` file. **(S)** Ignores the `jpchosts` file settings and resumes processing. **(O)** Check the `jpchosts` file for any invalid attribute or character, correct the error, and then restart the service.
KAVE00181-W	Correlator was not able to acquire alarm status information from Agent Collector. (service=*service-id*)	Alarm status information could not be acquired from the Agent Collector service during initialization of the Correlator service. **(S)** Assumes that the status of all alarm status information for the corresponding agent is normal, and continues initialization of the Correlator service. **(O)** Rebind the alarm table for the corresponding Agent.

Message ID	Message	Corrective Action
KAVE00182-E	The record data could not be stored because the Store database reached the writing limit. (record=*record-ID*, file=*file-name*)	Record storage failed because the Store database has reached its writing limit. **(S)** Stops the service. **(O)** Clear data from the database by performing the following steps. If the database contains data you need, export the data in CSV or HTML format. If this message is output, the settings of the collection items and their collection intervals might not be appropriate. Check and, if necessary, correct the settings of the collection items and their collection intervals. If necessary, upgrade to Store database version 2.0. 1. Use the `jpcasrec update` command of Performance Reporter to specify the settings so that all records are not collected. For details about the `jpcasrec update` command, see the chapter explaining commands in the *HiCommand Tuning Manager Command Line Interface Guide*. 2. Start the stopped Agent Store service. 3. Export the data you need in CSV or HTML format, using Performance Reporter. 4. Delete data from the database by executing the `jpcctrl clear` command. 5. Use the `jpcasrec update` command of Performance Reporter to specify the settings for collecting records, and then resume operation.
KAVE00183-E	The alarm could not be evaluated because memory is insufficient. (service=*service-id*, record=*record-id*)	An alarm could not be evaluated because memory is insufficient. **(S)** Continues processing without evaluating the alarm targeting the record indicated by record-id. **(O)** Quit any application that is not being used or increase memory.

Message ID	Message	Corrective Action
KAVE00184-W	The number of characters after expanding the variable exceeds the maximum for the value field. (service=*service-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*)	During expansion of a variable specified for one of the following items, the character string could not be displayed correctly because its length exceeded the indicated maximum number of characters allowed for that item: ▪ Message Text label in the General subsection of the alarm definition file: 255 bytes ▪ Message Text label in the Action Definition E-mail subsection of the alarm definition file: 1,000 bytes ▪ Message Text label in the Action Definition Command subsection of the alarm definition file: 2,047 bytes ▪ The value of mail-subject in the parameter file specified for the argument of the jpcahprp update command: 100 bytes **(S)** Outputs the characters up through the character that immediately precedes the maximum number of allowable characters, and continues processing. The characters that are output are determined as follows: ▪ If the maximum number of allowable characters was exceeded by the value of the expanded variable: Characters of the variable up through the character immediately preceding the maximum number of allowed characters are output. ▪ If the variable was expanded successfully, but the maximum number of allowable characters was exceeded by a subsequent character: Characters up through the character immediately preceding the maximum number of allowed characters are output. **(O)** Re-specify the number of characters in the expanded variable so that the characters do not exceed the maximum allowable number of characters.

Message ID	Message	Corrective Action
KAVE00185-W	The number of characters entered in the value field exceeded the maximum length. (record=*record-ID*, maximum length=*maximum-number-of-bytes-that-can-be-entered*)	The number of characters entered in the value for the filter condition expression that was specified for the report definition exceeds the maximum allowed for that field. Alternatively, the record ID that was specified by using the `jpcctrl dump` command exceeds 4 bytes in length. Note that a record-ID is not displayed if it exceeds 4 bytes. **(S)** If the number of characters entered in the value for the filter condition expression that was specified for the report definition exceeds the maximum allowed for that field, the conditions are compared up to the maximum number of characters for the valid range for that field. If the record ID specified by using the `jpcctrl dump` command exceeds 4 bytes, processing is continued using only the first 4 bytes of the record ID. **(O)** Revise the number of characters entered in the value for the filter condition expression that was specified for the report definition. Alternatively, use the `jpcctrl dump` command to specify a record ID of no more than 4 bytes.
KAVE00186-W	A record will be deleted because an invalid record was detected in the database. (prodid=*product-ID*, db=*database-file-name*)	An incorrect record was detected in the Store database. It will be deleted. **(S)** Deletes the incorrect record and starts the service. **(O)** If this message is displayed when the Name Server service or Master Manager service is being used, no action is required because the system automatically starts the service without any effect on service operation or data. If this message is displayed in the Master Store service or Agent Store service that is being used, an inconsistency will occur in related performance data that is used for trend analysis because one or more records will have been deleted. To solve this inconsistency problem, take the following action. Note, however, that the problem will not affect the Master Store service or Agent Store service even if you take no action ▪ If a backup file exists: Restore the backup file. For information on backup operations, see the section that explains backup and disk management in the *HiCommand Tuning Manager Agent Administration Guide*. ▪ If no backup file exists: After the Master Store service or Agent Store service stops, delete the database file (`*.DB`) specified in the message from the Store directory, and then restart the service.

Message ID	Message	Corrective Action
KAVE00187-E	An error occurred during communications processing. (service=*service-ID*)	Communication processing failed. **(S)** Stops the requested processing. **(O)** Check the following for the service indicated by the service ID: ▪ Is the service running? ▪ Is online communication possible? ▪ Is the specification for the connection-target Tuning Manager correct? Although this error message might be displayed immediately after Tuning Manager is started, it can be safely ignored unless it is repeatedly displayed.
KAVE00188-E	An attempt to send an event has failed. (service=*service-ID*)	Transmission of an event failed. **(S)** Skips transmission of the event. **(O)** Check the following: ▪ Is the service of the connection-target Tuning Manager running? ▪ Is online communication with the connection-target Tuning Manager possible? ▪ Is the connection-target Tuning Manager specified by `jpcnshostname` correct?
KAVE00189-I	The re-send of the event was successful. (service=*service-ID*)	Re-transmission of the agent startup event has succeeded. **(S)** Stops re-transmission of the event.
KAVE00190-W	During collection of real-time data, the number of instances of a multi-instance record exceeded the maximum. (record = *record-ID*)	The number of instances of a multi-instance record obtained during collection of real-time data exceeded 32,767. The 32,768th and subsequent instances are truncated. **(S)** Resumes processing.
KAVE00191-W	During alarm evaluation, the number of instances of a multi-instance record exceeded the maximum. (alarm table=*alarm-table-name*, alarm=*alarm-name*, record=*record-id*)	During alarm evaluation, the number of instances collected from a multi-instance record in a single acquisition exceeded 32,767. Alarm evaluation cannot be performed for more than 32,767 instances. The excess instances are stored in the Store database. **(S)** Resumes processing.
KAVE00192-W	Reception of a signal caused the service to stop. (signal=*signal-number*)	The service will stop when a signal is received. **(S)** Stops the service processing.

Message ID	Message	Corrective Action
KAVE00193-E	Name Server stopped abnormally. (host=*host-name*, service=*service-ID*)	The Name Server service stopped abnormally. **(S)** The Name Server service processing finishes. **(O)** Check the cause that is output to the common message log. If processing terminated because a signal was received, the KAVE00147-E message is output to the common message log.
KAVE00194-E	Master Manager stopped abnormally. (host=*host-name*, service=*service-ID*)	The Master Manager service stopped abnormally. **(S)** The Master Manager service processing finishes. **(O)** Check the cause that is output to the common message log. If processing terminated because a signal was received, the KAVE00147-E message is output to the common message log.
KAVE00195-E	Master Store stopped abnormally. (host=*host-name*, service=*service-ID*)	The Master Store service stopped abnormally. **(S)** The Master Store service processing finishes. **(O)** Check the cause that is output to the common message log. If processing terminated because a signal was received, the KAVE00147-E message is output to the common message log.
KAVE00196-E	Correlator stopped abnormally. (host=*host-name*, service=*service-ID*)	The Correlator service stopped abnormally. **(S)** The Correlator service processing finishes. **(O)** Check the cause that is output to the common message log. If processing terminated because a signal was received, the KAVE00147-E message is output to the common message log.
KAVE00197-E	Action Handler stopped abnormally. (host=*host-name*, service=*service-ID*)	The Action Handler service stopped abnormally. **(S)** The Action Handler service processing finishes. **(O)** Check the cause that is output to the common message log. If processing terminated because a signal was received, the KAVE00147-E message is output to the common message log.

Message ID	Message	Corrective Action
KAVE00198-E	Trap Generator stopped abnormally.(host=*host-name*, service=*service-ID*)	The Trap Generator service stopped abnormally. **(S)** The Trap Generator service processing finishes. **(O)** Check the cause that is output to the common message log. If processing terminated because a signal was received, the KAVE00147-E message is output to the common message log.
KAVE00199-E	View Server stopped abnormally. (host=*host-name*, service=*service-ID*)	The View Server service stopped abnormally. **(S)** The View Server service processing finishes. **(O)** Check the cause that is output to the common message log. If processing terminated because a signal was received, the KAVE00147-E message is output to the common message log.
KAVE00200-E	Agent Store stopped abnormally. (host=*host-name*, service=*service-ID*)	The Agent Store service stopped abnormally. **(S)** The Agent Store service processing finishes. **(O)** Check the cause that is output to the common message log. If processing terminated because a signal was received, the KAVE00147-E message is output to the common message log.
KAVE00201-E	An attempt to access the configuration file failed. (file=*file-name*)	An access error occurred in the configuration file. The read or write operation has failed. **(S)** Stops the processing to read from or write to the configuration file. **(O)** If this messages is output when the service starts, the service might be running with the incorrect settings. Restart the service so that the service can run with the correct settings. If this message is output when the jpcasrec output or jpcaspsv output command of Performance Reporter is executed, the contents of the output file are incorrect. Delete the output file and then re-execute the command. If this message is output when the jpcasrec update or jpcaspsv update command of Performance Reporter is executed, the settings have not been entered correctly. Re-execute the command.

Message ID	Message	Corrective Action
KAVE00202-E	Status Server stopped abnormally. (host=*host-name*, service=*service-ID*)	The Status Server service stopped abnormally. **(S)** The Status Server service processing finishes. **(O)** Check the cause that is output to the common message log. If processing terminated because a signal was received, the KAVE00147-E message is output to the common message log.
KAVE00203-W	An attempt to contact the Status Server service has failed. (host=*host-name*)	Connection to the Status Server service of the host displayed in *host-name* failed. If the Status Server service has not been started, services or commands might not be able to recognize the status information. **(S)** Continues processing. **(O)** Make sure that the Status Server service of the host displayed in *host-name* has started.
KAVE00205-W	An agent has been registered for which PFM - Manager cannot recognize the product ID or data model version. Please execute setup. (product id=*product-ID*, version=*data-model-version*).	A connection has been established from an Agent that has a product or data model version that is not set up in Tuning Manager. **(S)** Continues processing. **(O)** To manage added agents, they must be set up in Tuning Manager and Performance Reporter. For details about how to set up agents, see the section that explains how to set up an Agent in Performance Reporter in the *HiCommand Tuning Manager Installation Guide*, and the chapter explaining commands in the *HiCommand Tuning Manager Command Line Interface Guide*.
KAVE00206-E	An attempt to start Status Server has failed. (host=*host-name*, service=*service-ID*)	An attempt to start the Status Server service has failed. **(S)** The Status Server service processing finishes. **(O)** Check the cause that is output to the common message log. If processing terminated because a signal was received, the KAVE00147-E or KAVE00192-W message is output to the common message log.

Message ID	Message	Corrective Action
KAVE00213-W	Collection of the performance data will be skipped because collection processing was delayed. (skipped time=*scheduled-collection-time*, scheduled time=*next-scheduled-collection-time*, record=*record-name*, type=*collection-type*)	Collection of performance data will be skipped because collection processing was delayed. The next collection is re-set to the time closest to the current time. This message might be output when the collection completion time of the performance data has exceeded the next collection time or when the collection time specified using the offset value is close to the collection time of another record. *scheduled-collection-time* indicates the collection time that was skipped. *next-scheduled-collection-time* indicates the re-set collection time. *scheduled-collection-time* and *next-scheduled-collection-time* are displayed as local time in *YYYY*/*MM*/*DD hh*:*mm*:ss format. *record-name* indicates the record name for which collection was skipped. *collection-type* indicates `realtime` for real-time data, or `historical` for historical data and alarm monitoring data. **(S)** Skips collection. The performance data for the skipped time is not collected. **(O)** Check the performance data items to be collected, the collection interval, and the offset value. For details on how to record the performance data, see the chapter that explains database management in the *HiCommand Tuning Manager Agent Administration Guide*.
KAVE00215-W	Recovery processing was performed because invalid information was detected in the service configuration information file. (service=*service-ID*)	Recovery processing was performed because invalid information was detected in the service configuration information file (`jpcns.ini`). *service-ID* indicates the service ID of the service related to the detected invalid information. **(S)** Continues processing. **(O)** Make sure that the following information is correct. If the information is not specified correctly, re-set it. ▪ Host name of the connection-target Tuning Manager ▪ Fixed port numbers when the service uses fixed port numbers.

Message ID	Message	Corrective Action
KAVE00216-E	The requested amount of data cannot be processed because it is too large.	The amount of data requested to be displayed in a report has reached the processing limit. This message might be output if too much data is requested for a real-time report or historical report. **(S)** Interrupts the requested processing. **(O)** Reduce the time period of the record data specified for the real-time report or historical report to reduce the amount of data that is collected in a single operation. For details on how to calculate the amount of data collected in a single operation, see the chapter that explains how to estimate the temporary file size in the *HiCommand Tuning Manager Agent Administration Guide*.
KAVE00227-W	The maximum file size of the Store database has been reached, so the newly acquired function information will be partially deleted. (db=*database*, record type=*record-type*)	Some of the newly-collected performance data will be discarded because the Store database file size has reached the upper limit. **(S)** Stops storing data, and continues processing. **(O)** Check the estimated disk capacity for the Store database, and change the collection interval and collection items.
KAVE00228-I	Storage of Store database data will now restart. (db=*database*, record type=*record-type*)	Storing of data in the Store database will restart. **(S)** Restarts storing data.
KAVE00229-E	The data model version of import data is different from the data model version of current product. (ver1=*data-model-version*, ver2=*data-model-version*)	The data model version of import data is different from the data model version of the current product. **(S)** Stops processing. **(O)** Because the data model version of the product was upgraded, the data model version of the import data became obsolete. Before you can view the import data, you must upgrade the data model version of the import data using the `jpcdbctrl dmconvert` command. If you do not want to upgrade the data model version, you can either change the import directory using the `jpcdbctrl config` command or manually delete the different files in the import directory.

Message ID	Message	Corrective Action
KAVE00230-E	An attempt to access the import data has failed. (file=*file-name*)	An attempt to access the import data has failed. **(S)** Stops processing. **(O)** Check whether you can access the import data. If you can access the import data, the import data might be corrupted. Change the import directory to another by using the `jpcdbctrl config` command, or manually delete the files in the import directory.
KAVE00231-W	An attempt to delete a directory has failed. (dir=*directory-name*, rc=*maintenance-code*)	An attempt to delete a directory has failed. Directories are deleted when one of the following conditions is satisfied: ▪ When a record becomes older than the retention period in Store database version 2.0 ▪ When you delete the Store database by using the `jpcctrl clear` command ▪ When you delete the import directory by using the `jpcdbctrl import` command **(S)** Continues processing. **(O)** The cause of the failure might be that the other programs such as the explorer, shells, backup software, and virus scan software are used. ▪ If the system failed to delete a record older than the retention period in Store database version 2.0: End other programs. Directories are deleted on the next deletion attempt. ▪ If you failed to delete a directory by using the `jpcctrl clear` command or `jpcdbctrl import` command: End other programs, and then re-execute the `jpcctrl clear` command or `jpcdbctrl import` command.
KAVE00308-I	View Server was started in the PFM authentication mode. (host=*host-name*, service=*service-ID*)	The View Server will start. **(S)** Starts the View Server.
KAVE00310-W	An attempt to read the authentication mode has failed. (host=*host-name*, service=*service-ID*)	An attempt to read an internal file failed. **(S)** Starts the View Server.

Message ID	Message	Corrective Action
KAVE00999-E	Assertion failed. (ex=(*conditional-expression*), file *file-name*, line *line-number*)	The service was stopped due to a fatal error. **(S)** Stops the service. **(O)** Possible causes of this error are a logical inconsistency, unexpected system call error, or memory shortage. Collect maintenance information and contact the system administrator.
KAVE05000-E	The specified service is not running.	The service matching the specified service ID and the host name is not running. **(S)** Stops command execution. **(O)** Specify the correct service ID and the host name, and then re-execute the command. To check the service ID and host name, execute the `jpcctrl list` command.
KAVE05001-E	The specified service is running.	The specified service is running. **(S)** Stops command execution. **(O)** Specify the correct service ID and the host name, and then re-execute the command. To check the service ID and host name, execute the `jpcctrl list` command.
KAVE05002-E	A sub-command name is invalid.	The specified sub-command name is invalid. **(S)** Stops command execution. **(O)** Specify the correct sub-command and then re-execute the command.
KAVE05003-E	The specified database ID is invalid.	The specified database ID is invalid. **(S)** Stops command execution. **(O)** Specify the correct database ID and then re-execute the command.
KAVE05004-E	The start time is invalid.	The specified data start time exceeds the maximum length, or its format is invalid. **(S)** Stops command execution. **(O)** Specify the correct data start time and then re-execute the command.

Message ID	Message	Corrective Action
KAVE05005-E	The end time is invalid.	The specified data end time exceeds the maximum length, or its format is invalid. **(S)** Stops command execution. **(O)** Specify the correct data end time and then re-execute the command.
KAVE05006-E	The end time must not be before the start time.	The specified data end time is before the data start time. **(S)** Stops command execution. **(O)** Specify a data end time that is after the data start time. Specify the correct data end time and data start time, and then re-execute the command.
KAVE05007-E	No record corresponds to the specified record type.	No record corresponds to the specified record type. **(S)** Stops command execution. **(O)** Specify the correct record type and then re-execute the command. For details about record types, see the chapter that explains the overview of the data handled in the Tuning Manager series in the *HiCommand Tuning Manager Agent Administration Guide.*
KAVE05008-E	The service ID is not specified.	The service ID is not specified. **(S)** Stops command execution. **(O)** Specify the correct service ID and then re-execute the command.
KAVE05009-E	The start time is not specified.	No data start time is specified. **(S)** Stops command execution. **(O)** Specify the correct data start time and then re-execute the command.
KAVE05010-E	The end time is not specified.	No data end time is specified. **(S)** Stops command execution. **(O)** Specify the correct data end time and then re-execute the command.

Message ID	Message	Corrective Action
KAVE05011-E	The export file name is not specified.	No export file name is specified. **(S)** Stops command execution. **(O)** Specify the correct export file name and then re-execute the command.
KAVE05012-E	The specified export file name is invalid.	The specified export file name exceeds the maximum length, or its format is invalid. **(S)** Stops command execution. **(O)** Specify the correct export file name and then re-execute the command.
KAVE05013-E	The database ID is not specified.	No database ID is specified. **(S)** Stops command execution. **(O)** Specify the correct database ID and then re-execute the command.
KAVE05014-E	The record type is not specified.	No record type is specified. **(S)** Stops command execution. **(O)** Specify the correct record type and then re-execute the command.
KAVE05015-E	A service necessary for this operation is not running.	A service that is required for this operation has not started, or an error occurred during communication with the required service. **(S)** Stops command execution. **(O)** If the required service is stopped, start it and then re-execute the command. If the required service is running, the `jpcctrl backup` command or `dump` command might be executing. Wait until the `jpcctrl backup` command or `dump` command has finished, and then re-execute the command.

Message ID	Message	Corrective Action
KAVE05016-E	A backup file or directory is inaccessible.	A backup file or directory is inaccessible. The file permission for the backup file or directory has been illegally altered or deleted. **(S)** Stops command execution. **(O)** If the file permission for the backup file or directory has been altered, restore it first and then re-execute the command. If changing the access permission and re-executing the command do not resolve this error, the backup file or directory might have been deleted. In such a case, restart the Master Store service or Agent Store service, and then re-execute the command.
KAVE05017-E	An export file or directory is inaccessible.	An export file or directory is inaccessible. The file permission for the export file or directory has been illegally altered or deleted. **(S)** Stops command execution. **(O)** If the file permission for the export file or directory has been altered, restore it first and then re-execute the command. If changing the access permission and re-executing the command do not resolve this error, the export file or directory might have been deleted. In such a case, restart the Master Store service or Agent Store service, and then re-execute the command.
KAVE05018-E	A backup file or directory was not found.	A backup file or directory was not found. **(S)** Stops command execution. **(O)** Check the backup file or directory. Also check that the specified backup directory is the backup data of the currently used Store database version.
KAVE05019-E	The specified sub-command is valid for the Master Store and Agent Store services only.	The specified command can be issued only for the Master Store or Agent Store service. **(S)** Stops command execution. **(O)** Specify the correct service ID and host name, and then re-execute the command. Execute the `jpcctrl list` command to check the service ID and host name.

Message ID	Message	Corrective Action
KAVE05020-E	The specified service ID is invalid.	The specified service ID exceeds the maximum length, or its format is invalid. **(S)** Stops command execution. **(O)** Specify the correct service ID and then re-execute the command. Execute the `jpcctrl list` command to check the service ID.
KAVE05021-E	The specified host name is invalid.	The specified host name exceeds the maximum length, or its format is invalid. **(S)** Stops command execution. **(O)** Specify the correct host name and then re-execute the command. Execute the `jpcctrl list` command to check the host name.
KAVE05022-E	For the export file name, specify a file name that does not include a directory name.	For the export file name, specify a file name that does not include a directory name. **(S)** Stops command execution. **(O)** Specify the correct export file name and then re-execute the command.
KAVE05023-E	The specified backup directory name is invalid.	The specified backup directory name exceeds the maximum length, or its format is invalid. **(S)** Stops command execution. **(O)** Check the backup directory name.
KAVE05024-E	The specified service is not registered.	The specified service information has already been deleted, or the specified service ID or host name is invalid. **(S)** Stops command execution. **(O)** Specify the correct service ID and the host name, and then re-execute the command. Execute the `jpcctrl list` command to check the service ID and the host name.

Message ID	Message	Corrective Action
KAVE05026-E	Backup processing of the Store database terminated abnormally. (service=*service-id*)	Backup processing of the Store database terminated abnormally. **(S)** Stops command execution. **(O)** Eliminate the cause of the error and re-execute the command. For the cause, check the error message that was output immediately before this message.
KAVE05027-E	Clear processing of the Store database terminated abnormally. (service=*service-id*, dbid=*database-id*)	Clear processing of the Store database terminated abnormally. **(S)** Stops command execution. **(O)** Eliminate the cause of the error and re-execute the command. For the cause, check the error message that was output immediately before this message.
KAVE05028-E	Dump processing of the Store database terminated abnormally. (service=*service-id*, dbid=*database-id*)	Dump processing of the Store database terminated abnormally. **(S)** Stops command execution. **(O)** Eliminate the cause of the error and re-execute the command. For the cause, check the error message that was output immediately before this message.
KAVE05029-E	List processing of the service information terminated abnormally.	List processing of the service information terminated abnormally. **(S)** Stops command execution. **(O)** Eliminate the cause of the error and re-execute the command. For the cause, check the error message that was output immediately before this message.
KAVE05030-E	Delete processing of the service information terminated abnormally. (service=*service-id*)	Delete processing of the service information terminated abnormally. **(S)** Stops command execution. **(O)** Eliminate the cause of the error and re-execute the command. For the cause, check the error message that was output immediately before this message.

Message ID	Message	Corrective Action
KAVE05031-E	Register processing of the service information terminated abnormally. (service=*service-id*)	Re-registration processing of the service information terminated abnormally. **(S)** Stops command execution. **(O)** Eliminate the cause of the error and re-execute the command. For the cause, check the error message that was output immediately before this message.
KAVE05032-E	Restore processing of the Store database terminated abnormally.	Restore processing of the Store database terminated abnormally. **(S)** Stops command execution. **(O)** Eliminate the cause of the error and re-execute the command. For the cause, check the error message that was output immediately before this message.
KAVE05033-E	A service could not start. (service=*service-name*, lhost=*logical-host-name*, inst=*instance-name*, rc=*maintenance-code*)	The service could not be started. **(S)** Stops command execution. **(O)** Eliminate the cause of the error and re-execute the command. For the cause, check the error message that has been output to the common message log.
KAVE05034-E	A service could not stop. (service=*service-name*, lhost=*logical-host-name*, inst=*instance-name*, rc=*maintenance-code*)	The service could not be stopped. **(S)** Stops command execution. **(O)** Eliminate the cause of the error and re-execute the command. For the cause, check the error message that has been output to the common message log.
KAVE05035-E	The collection of maintenance information ended abnormally.	Collection of the maintenance information terminated abnormally. **(S)** Stops command execution. **(O)** Eliminate the cause of the error and re-execute the command. For the cause, check the error message that was output immediately before this message.

Message ID	Message	Corrective Action
KAVE05036-E	The sub-command is not specified.	The specified command name is invalid. **(S)** Stops command execution. **(O)** Specify the correct command name and then re-execute the command.
KAVE05038-E	The specified record type is invalid.	The specified record type exceeds the maximum length, or its format is invalid. **(S)** Stops command execution. **(O)** Specify a correct record type and then re-execute the command.
KAVE05041-E	The specified instance name is invalid.	The specified instance name exceeds the maximum length, or its format is invalid. **(S)** Stops command execution. **(O)** Specify the correct instance name and then re-execute the command.
KAVE05042-E	An incorrect argument is specified.	An incorrect argument is specified. **(S)** Stops command execution. **(O)** Specify the correct argument and then re-execute the command.
KAVE05043-E	The specified service needs the instance startup environment. (service=*service-name*)	The specified service requires an instance startup environment. **(S)** Stops command execution. **(O)** ▪ When the `jpcstart` command displays this message: Set up an instance startup environment, and then re-execute the command. ▪ When the `jpcstop` command displays this message: Set up an instance startup environment. ▪ When the `jpcnsconfig port` command displays this message: Set up an instance startup environment, and then re-execute the command.

Message ID	Message	Corrective Action
KAVE05044-E	A service could not start because a communication connection with a Manager component could not be established.	The Agent Collector service, Agent Store service, or Action Handler service could not be started because a communication connection with Tuning Manager could not be established. **(S)** Stops command execution. **(O)** Make sure that the host name of the connection-target Tuning Manager is correct. If it is correct, check the following: ▪ Is the Tuning Manager service running? ▪ Can a communication connection be established?
KAVE05045-E	The current directory is not correct.	The current directory is not correct. **(S)** Stops command execution. **(O)** Move the current directory to the correct location and then re-execute the command.
KAVE05046-E	The specified sub-command cannot be used on an Agent host.	The specified sub-command cannot be used on an Agent host. **(S)** Stops command execution. **(O)** Specify the correct command and then re-execute the command.
KAVE05047-E	The specified service needs the instance name.	The specified service needs an instance name. **(S)** Stops command execution. **(O)** Specify an instance name and then re-execute the command.
KAVE05048-E	The error occurred in the update processing of the system file.	Updating of the system file failed. **(S)** Stops command execution. **(O)** The system file may be corrupted. Collect maintenance information and contact the system administrator.
KAVE05049-E	There is no executable service corresponding to specified subcommand and service ID.	There is no executable service corresponding to the specified command. **(S)** Stops command execution. **(O)** Check the service startup status by executing the `jpcctrl list` command.

Message ID	Message	Corrective Action
KAVE05051-E	The file does not exist. (*path*)	The file specified for loading or writing does not exist. Possible causes of this error are: ▪ An incorrect file name was specified. ▪ The file system has been unmounted. **(S)** Stops the requested processing. **(O)** Check the file or directory indicated by *path*, correct the cause of the error, and then re-execute the command.
KAVE05052-E	An attempt to access a file or directory (*path*) failed.	An error other than a disk capacity shortage occurred during normal access, such as file creation, deletion, loading, or writing. Possible causes of this error are: ▪ No access permission ▪ The file system has been unmounted. ▪ A directory path is used for a file path. **(S)** Stops the requested processing. **(O)** ▪ When this message is output during command execution: Make sure that the status of the file or directory indicated by *path* is appropriate, eliminate the cause of the access failure, and then re-execute the command. ▪ When this message is output during a version upgrade installation of Agent: Make sure that the status of the file or directory indicated by *path* is appropriate, eliminate the cause of the access failure, and then re-install Agent. ▪ If a directory path is specified, a file name that starts with PFM might remain. After changing the access permission, delete the file name that starts with PFM.
KAVE05053-E	No empty area is available for file or directory creation. (*path*)	Disk capacity shortage occurred during the creation or expansion of a file or directory. **(S)** Stops the requested processing. **(O)** Increase the available space in the file system indicated by *path*, or change the configuration destination for the file or directory, and then re-execute the command.

Message ID	Message	Corrective Action
KAVE05054-E	An attempt to register a Windows service failed. (*service-name*)	This message is output when an unexpected error occurs during the registration of a Windows service. Windows service status incompatibility or resource shortage may cause this error. **(S)** Stops the requested processing. **(O)** Restart the system and then re-execute the command. If the error persists, the system may be corrupted. Collect maintenance information and contact the system administrator.
KAVE05055-E	An attempt to delete a Windows service failed. (*service-name*)	This message is output when an unexpected error occurs during the deletion of a Windows service. Windows service status incompatibility or resource shortage may cause this error. **(S)** Stops the requested processing. **(O)** Restart the system and then re-execute the command. If the error persists, the system may be corrupted. Collect maintenance information and contact the system administrator.
KAVE05057-E	The setup command is executing in another session.	The setup command can only be used in one session. **(S)** Stops the requested processing. **(O)** Wait for a short while and then execute the command. If a setup command is being left in an execution state in another session because the command is waiting for a response, quit this setup command.
KAVE05058-E	The specification of the service key is incorrect.	An invalid value is specified for the service key. This error also occurs if a service key that cannot be processed by the command is specified. For example, if `mgr` is specified for the `jpcinssetup` command, which creates an instance environment, this specification is not recognized. Also, the Agent for the specified service key might not be properly set up. **(S)** Stops the requested processing. **(O)** Check the command syntax and then re-execute the command.

Message ID	Message	Corrective Action
KAVE05059-E	The specification of the logical host name is incorrect.	The specified host name (logical host name) is too long or an invalid value was specified. **(S)** Stops the requested processing. **(O)** Make sure that the following settings are correct for the argument specified in the `-lhost` option, and then re-execute the command. ▪ The specified character string is longer than 32 characters (bytes). ▪ The specified character string contains a space. ▪ In the `jpchasetup create` command, `localhost` was specified for the `-lhost` option. If the `JPC_HOSTNAME` environment variable has been set, disable the setting and then re-execute the command with the `-lhost` option specified.
KAVE05060-E	The specification of the instance name is incorrect.	The specified instance name exceeds the maximum length, or an invalid value was specified. **(S)** Stops the requested processing. **(O)** Check the argument specified in the `-inst` option for either of the following errors, and then re-execute the command: ▪ The specified character string is longer than 32 characters (bytes). ▪ The specified character string contains a space.
KAVE05061-E	The specification of the environment directory is incorrect.	The specified environment directory name is too long or an invalid value was specified. **(S)** Stops the requested processing. **(O)** Check the `-d` option to make sure that the specified argument is no longer than 80 characters (bytes), and then re-execute the command.

Message ID	Message	Corrective Action
KAVE05062-E	The specified service is not installed or is not set up. (servicekey=*service-key*)	The system was unable to obtain the product information from the specified service key. One of the following may be applicable to the product corresponding to the specified service key: ▪ The product has not been installed in the system. ▪ The product has not been set up. The specified service key has been registered in the product definition file (`jpcplist.ini`) and is valid. **(S)** Stops the requested processing. **(O)** Correct the service key specification and then re-execute the command. If the product has not been installed, install it.
KAVE05063-E	The specified service is not supported for logical host startup. (servicekey=*service-key*)	The product indicated by the service key specified in the `jpchasetup` command does not support logical host startup. **(S)** Stops the requested processing. **(O)** Correct the service key specification and then re-execute the command.
KAVE05064-E	The specified service is not supported for multi-instance startup. (servicekey=*service-key*)	The program indicated by the specified service key does not support instance startup. **(S)** Stops the requested processing. **(O)** Correct the service key specification and then re-execute the command.
KAVE05068-E	The logical host environment has already been created. (servicekey=*service-key*, lhost=*logical-host-name*)	An attempt was made with the `jpchasetup` command to create an already-registered logical host environment. **(S)** Stops the requested processing. **(O)** Use the `jpchasetup list` command to check the already-registered logical host environment.
KAVE05069-I	Creating the logical host environment. (servicekey=*service-key*, lhost=*logical-host-name*, dir=*environment-directory-name*)	The logical host environment is being created. **(S)** Resumes the requested processing.
KAVE05070-I	The logical host environment was created. (servicekey=*service-key*, lhost=*logical-host-name*, dir=*environment-directory-name*)	The logical host environment has been created. **(S)** Stops command execution.

Message ID	Message	Corrective Action
KAVE05071-E	The attempt to create the logical host environment failed. (servicekey=*service-key*, lhost=*logical-host-name*, dir=*environment-directory-name*)	A message indicating the cause was output before this message. **(S)** Stops the requested processing. **(O)** Check the error displayed in the prior message, correct the error, and then re-execute the command.
KAVE05078-E	The instance environment does not exist. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	An attempt was made to reference, update, or delete the setting information of a non-existent instance environment. **(S)** Stops the requested processing. **(O)** Check for the created instances using the `jpcinslist` command.
KAVE05079-E	The instance environment has already been created. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	An attempt was made to add an instance environment that is already created. **(S)** Stops the requested processing. **(O)** Check for the created instances using the `jpcinslist` command.
KAVE05080-I	The instance environment is now being created. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	The instance environment is now being created. **(S)** Continues the requested processing.
KAVE05081-I	The instance environment has been created. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	The instance environment has been created. **(S)** Stops command execution.
KAVE05082-E	The instance environment could not be created. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	A message indicating the cause has been output before this message. **(S)** Stops the requested processing. **(O)** Refer to the error displayed before this message and remove the error cause, and then re-execute the command.
KAVE05083-I	The instance environment is being deleted. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	The instance environment is being deleted. **(S)** Continues the requested processing.
KAVE05084-I	The instance environment was deleted. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	The instance environment has been deleted. **(S)** Stops command execution.

Message ID	Message	Corrective Action
KAVE05085-E	The instance environment could not be deleted. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	A message indicating the cause has been output before this message. **(S)** Stops the requested processing. **(O)** Refer to the error message displayed before this message and correct the cause of the error, and then re-execute the command.
KAVE05086-E	The specification of the host name is incorrect.	The specified host name exceeds the maximum length, or an invalid value was specified. **(S)** Stops the requested processing. **(O)** Check that there is no error, such as one of the following, and then re-execute the command: ▪ The specified character string is longer than 32 characters (bytes). ▪ The IP address is specified directly. ▪ The character string contains a space. ▪ The character string contains a period.
KAVE05087-I	The connecting host has changed. (*host-name-before-change -> host-name-after-change*)	The connection-target host has changed. **(S)** Continues the requested processing.
KAVE05088-E	The connection host cannot be changed in this environment.	Possible causes of this error are: ▪ At a host where Collection Manager is installed, an attempt was made to specify another host as the connection target. ▪ At a host where there is no service that can start on the physical host, an attempt was made to change the connection target of the physical host. **(S)** Stops the requested processing. **(O)** Check command execution environment.

Message ID	Message	Corrective Action
KAVE05089-Q	Running services will be forcedly terminated. Do you want to continue? (Y/N)	This message indicates that the service of a Tuning Manager series program must be stopped before the environment can be changed using the setup command. ▪ When the `jpcinssetup` command is executed: The service of only the applicable Agent is stopped. Continues the requested processing. ▪ When the `jpcinsunsetup` command is executed: The service of only the applicable Agent is stopped. ▪ When the `jpcnsconfig port` command is executed with the `define` option: The services of all Tuning Manager series programs are stopped. ▪ When the `jpcnshostname` command is executed: The services of all Tuning Manager series programs are stopped. **(S)** Continues processing only if `Y` or `y` is specified. Stops processing if any other character (including a blank space or character string) is specified. **(O)** Respond to the command.
KAVE05090-I	Service is stopped.	This message is displayed while the service is stopped (while a command is internally being called). The result of an internal command is not displayed on the terminal because the result was redirected elsewhere. **(S)** Continues the requested processing.
KAVE05091-E	An internal command cannot be executed. (*command-line*)	An internal command called by the setup command could not be executed. The system environment may not be correct. **(S)** Stops the requested processing. **(O)** Check whether the file exists in the location indicated in *command-line*, and whether execution of the command is permitted. Relay the command line indicated by this message and the reason code in the `KAVE05092-E` message, which is output following this message, to the system administrator or support service.

Message ID	Message	Corrective Action
KAVE05092-E	An error occurred so command execution was terminated. (rc=*reason-code*)	Command execution was terminated because an error occurred. One of the following reason codes is displayed depending on the situation: ▪ When this message is displayed following KAVE05091-E: 1 is displayed as the reason code. ▪ When this message is displayed following KAVE05099-E: The termination code of an internal command is displayed as the reason code. ▪ All other cases: The detail code of the preceding error message is displayed. **(S)** Stops the requested processing. **(O)** Refer to the error message displayed before this message and correct the cause of the error, and then re-execute the command.
KAVE05093-E	Mutually-exclusive options are specified.	Mutually-exclusive options are specified. **(S)** Stops the requested processing. **(O)** Specify the correct option and then re-execute the command.
KAVE05094-E	An option is duplicated. (*option*)	The option specification is duplicated. **(S)** Stops the requested processing. **(O)** Specify the correct option and then re-execute the command.
KAVE05095-E	A required argument for this option is not specified. (*option*)	No argument is specified for the option. **(S)** Stops the requested processing. **(O)** Specify the correct option and then re-execute the command.
KAVE05096-E	The connecting host has not been set yet.	A service configuration information file cannot be found, or no host entry has been set up at the connection destination. **(S)** Stops the requested processing. **(O)** Specify a host name using the -s or -u option of the jpcnshostname command.

Message ID	Message	Corrective Action
KAVE05097-E	An option is invalid. (*option*)	The specified option is invalid. **(S)** Stops the requested processing. **(O)** Specify the correct option and then re-execute the command.
KAVE05098-E	The instance name is not specified.	No instance name is specified. **(S)** Stops the requested processing. **(O)** Specify the correct instance name and then re-execute the command.
KAVE05099-E	An internal command terminated abnormally. (*command-line*)	The internal command called by the setup command returned an error. **(S)** Stops the requested processing. **(O)** Check the messages output to the system log and common message log. If the problem cannot be resolved, collect the command line indicated by this message and the reason code in the message `KAVE05092-E`, which is output following this message, and then contact the system administrator or support service.
KAVE05100-E	The specified service is not installed.	The specified service is not installed. **(S)** Stops command execution. **(O)** Specify the correct service ID and host name, and then re-execute the command. Execute the `jpcctrl list` command to check the service ID and host name.
KAVE05101-E	The service keyname is not specified.	The service keyname is not specified. **(S)** Stops command execution. **(O)** Specify a service keyname and then re-execute the command.
KAVE05102-E	The collection-destination directory is not specified.	The collection-destination directory is not specified. **(S)** Stops command execution. **(O)** Specify a collection-destination directory and then re-execute the command.

Message ID	Message	Corrective Action
KAVE05103-E	The name of the specified collection-destination directory is incorrect.	The specified collection-destination directory name exceeds the maximum length, or its format is invalid. **(S)** Stops command execution. **(O)** Specify a correct collection-destination directory and then re-execute the command.
KAVE05104-E	The collection-destination directory cannot be accessed.	The collection-destination directory cannot be accessed because the access permission is invalid or the disk capacity is insufficient. **(S)** Stops command execution. **(O)** Specify the directory with the correct access permission or a directory with sufficient disk capacity, and then re-execute the command.
KAVE05105-E	The collection-destination directory was not found.	The collection-destination directory was not found. **(S)** Stops command execution. **(O)** Specify a correct collection-destination directory and then re-execute the command.
KAVE05106-E	The name of the backup-file directory is not specified.	The name of the backup-file directory is not specified. **(S)** Stops command execution. **(O)** Specify the name of the backup-file directory and then re-execute the command.
KAVE05107-E	The name of the backup-file directory is incorrect.	The specified backup-file directory name exceeds the maximum length or its format is invalid. **(S)** Stops command execution. **(O)** Specify a correct backup-file directory and then re-execute the command.
KAVE05108-E	The start, stop, or setup command is being executed.	An attempt was made to execute a command while the `jpcstart`, `jpcstop`, or `jpcnsconfig` command was executing. **(S)** Stops command execution. **(O)** Re-execute the command after the `jpcstart`, `jpcstop`, or `jpcnsconfig` command has terminated.

Message ID	Message	Corrective Action
KAVE05110-E	The host name is not specified.	The logical host name is not specified. **(S)** Stops command execution. **(O)** Specify the logical host name and then re-execute the command.
KAVE05111-E	The environment directory is not specified.	The environment directory is not specified. **(S)** Stops command execution. **(O)** Specify the environment directory and then re-execute the command.
KAVE05112-E	The specification of the file name is incorrect.	The specified file name is invalid. **(S)** Stops command execution. **(O)** Specify the correct file name and then re-execute the command.
KAVE05113-E	The file name is not specified.	The file name is not specified. **(S)** Stops command execution. **(O)** Specify the file name and then re-execute the command.
KAVE05114-E	You do not have permission to access the specified environment directory. (dir=*environment-directory*)	The specified environment directory is not accessible. Possible causes of this error are: ▪ There is no such directory. ▪ There is no access permission. ▪ There is not enough disk space. **(S)** Stops command execution. **(O)** Correct the directory specification and then re-execute the command.
KAVE05115-E	Multiple logical hosts cannot be set for the Manager service.	Another Collection Manager has already been set up for a logical host in the Tuning Manager series system. **(S)** Stops command execution. **(O)** Delete the logical host environment of the Collection Manager service that has become unnecessary, and then re-execute the command.

Message ID	Message	Corrective Action
KAVE05116-E	The environmental directory was already set up for the specified logical host. (lhost=*logical-host-name*, dir=*environment-directory*)	To add a service to an existing logical host, you cannot specify any directory other than the currently defined environment directory. **(S)** Stops command execution. **(O)** Specify the environment directory in use by the logical host, and then re-execute the command; or re-execute the command without specifying an environment directory.
KAVE05117-E	Manager is set up for a logical host, so the processing of Manager for a physical host cannot be executed.	The processing for a physical host cannot be executed because Tuning Manager has already been set up for a logical host. **(S)** Stops command execution. **(O)** Specify the logical host option and then re-execute the command.
KAVE05118-E	The service required for setup of a logical host does not exist.	The service required for setup of a logical host was not found. Possible causes of this error are: ▪ If you have specified `all` for the service key, there was no Agent service that supports logical hosts. ▪ A logical host has already been set up for the service. **(S)** Stops command execution. **(O)** Check the installed products and specified logical host options.
KAVE05119-E	The specified service is not set up for a logical host.	The specified service has not been set up for a logical host. **(S)** Stops command execution. **(O)** Make sure that the service has been set up for a logical host or that the correct logical host option is specified.
KAVE05120-E	The specified file does not exist. (file=*file-name*)	The specified file was not found. **(S)** Stops command execution. **(O)** Specify the correct file name and then re-execute the command.

Message ID	Message	Corrective Action
KAVE05121-E	An attempt to access the specified file failed. (file=*file-name*)	Access to the specified file failed. **(S)** Stops command execution. **(O)** Check the file access permission and then re-execute the command.
KAVE05122-E	An attempt to open the specified file failed. (file=*file-name*)	An open error occurred on the specified file. **(S)** Stops command execution. **(O)** Specify the correct file name and then re-execute the command.
KAVE05123-E	A logical host is set up, so the specified service cannot be started. (servicekey=*service-key*)	The specified service cannot be started because a logical host has been set up. **(S)** Stops command execution. **(O)** Specify the logical host option and then re-execute the command.
KAVE05124-E	A set up logical host does not exist.	No logical host has been set up for the programs in the Tuning Manager series. **(S)** Stops command execution. **(O)** Specify the correct logical host option and then re-execute the command.
KAVE05125-I	Deleting the logical host environment. (servicekey=*service-key*, lhost=*logical-host-name*)	The logical host environment is being deleted. **(S)** Resumes the requested processing.
KAVE05126-I	The logical host environment was deleted. (servicekey=*service-key*, lhost=*logical-host-name*)	The logical host environment has been deleted. **(S)** Stops command execution.
KAVE05127-E	Attempt to delete the logical host environment failed. (servicekey=*service-key*, lhost=*logical-host-name*)	No logical host has been set up. **(S)** Stops command execution. **(O)** Check the cause of the error and then re-execute the command. For the cause, check the message that was displayed immediately before this message.

Message ID	Message	Corrective Action
KAVE05128-E	An instance environment exists, so the logical host environment deletion is not possible. (servicekey=*service-key*)	The logical host cannot be deleted because there is an instance environment. **(S)** Stops command execution. **(O)** Delete all instances on the logical host and then re-execute the command.
KAVE05129-E	The service required for deletion of the logical host does not exist.	The service that is required in order to delete the logical host is not available. **(S)** Stops command execution. **(O)** Check the command arguments and logical host environment.
KAVE05132-E	A physical host definition cannot be set because a logical host is already set up.	A physical host definition cannot be set because a logical host has been set up. **(S)** Stops command execution. **(O)** Specify the logical host option and then re-execute the command.
KAVE05133-E	A physical host definition cannot be referenced because a logical host is set up.	A physical host definition cannot be referenced because a logical host has been set up. **(S)** Stops command execution. **(O)** Specify the logical host option and then re-execute the command.
KAVE05134-E	The service key (*service-key*) cannot be specified.	An unsupported service key was specified. **(S)** Stops command execution. **(O)** Check that the correct service key is specified.
KAVE05135-E	A service that is not supported for the specified sub-command is specified. (subcmd=*subcommand*, service=*service-key*)	The specified sub-command does not support the specified service. **(S)** Stops command execution. **(O)** Check that the correct sub-command or service key is specified.
KAVE05136-I	The logical host startup information listing ended normally.	The logical host startup information listing ended successfully. **(S)** Stops command execution.

Message ID	Message	Corrective Action
KAVE05137-E	The logical host startup information listing ended abnormally.	The logical host startup information listing ended abnormally. **(S)** Stops command execution. **(O)** Check the cause of the error and then re-execute the command. For the cause, check the message that was displayed immediately before this message.
KAVE05138-E	The environment directory cannot be accessed. (dir=*directory-name*)	The environment directory is not accessible. **(S)** ▪ When this message is output during command execution: Stops command execution. ▪ When this message is output during installation: Continues the processing. **(O)** Check whether the following are applicable: ▪ When this message is output during command execution: The specified directory exists. The command is not being executed in the standby node. ▪ Response to this message varies based upon the node the installation was performed on: - If this was an executing node installation:Ensure that the shared disk on which an environment directory exists has been mounted. - If this was a standby node installation: Ignore the message, if the installation on the standby node was successful.
KAVE05139-I	The export processing of the logical host environment definition file ended normally.	The logical host environment definition file has been exported successfully. **(S)** Stops command execution.
KAVE05140-I	The import processing of the logical host environment definition file ended normally.	The logical host environment definition file has been imported successfully. **(S)** Stops command execution.

Message ID	Message	Corrective Action
KAVE05141-E	The export processing of the logical host environment definition file ended abnormally.	Export processing on the logical host environment definition file ended abnormally. **(S)** Stops command execution. **(O)** Check the cause of the error and then re-execute the command. For the cause, check the message that was displayed immediately before this message.
KAVE05142-E	The import processing of the logical host environment definition file ended abnormally.	Import processing on the logical host environment definition file ended abnormally. **(S)** Stops command execution. **(O)** Check the cause of the error and then re-execute the command. For the cause, check the message that was displayed immediately before this message.
KAVE05143-E	A service is running, so the processing is not possible.	Processing cannot be executed because a service is running. **(S)** Stops command execution. **(O)** To create or delete a logical host environment, do the following, as applicable, and then re-execute the command: ▪ To create or delete a logical host environment for the Tuning Manager service, make sure that all services at the same host have stopped. ▪ To delete the logical host environment for the Agent service, make sure that the logical host service for the Agent to be deleted has stopped. ▪ To delete the last service in the specified logical host, make sure that the Action Handler service with the same logical host name has stopped. This message might be output during start or stop processing of a service; so make sure that the service has stopped completely, and then re-execute the command.
KAVE05144-E	The import file format is invalid. (file=*file-name*)	The import file's format is invalid. **(S)** Stops command execution. **(O)** Specify the correct import file and then re-execute the command.

Message ID	Message	Corrective Action
KAVE05145-E	The logical host service is running, so the processing is not possible. (lhost=*logical-host-name*)	The requested processing cannot be executed because the service to start the logical host service is running. **(S)** Stops command execution. **(O)** Stop the service to start the logical host service and then re-execute the command. This message might be output when start or stop processing of a service takes a long time; so make sure that the service has stopped completely, and then re-execute the command.
KAVE05146-Q	The file already exists. Do you want to update the file? (Y/N)	The specified file already exists. **(S)** If `Y` or `y` is entered, the system updates the file and resumes processing. If any other character (including a space or any character string) is entered, the system stops command execution. **(O)** Check that the specified file can be overwritten.
KAVE05147-E	The export processing of the logical host environment definition file was cancelled.	Export processing was cancelled because `Y` was not entered to confirm file update processing. **(S)** Stops command execution. **(O)** Back up the existing file or change the specified file name, and then re-execute the command.
KAVE05148-E	The jp1pc directory does not exist in the environment directory on the specified logical host. (lhost=*logical-host-name*, dir=*environment-directory*)	The `jp1pc` directory does not exist in the environment directory on the logical host that has been set up. **(S)** Stops command execution. **(O)** Check that the environment directory on the specified logical host contains the `jp1pc` directory, and then re-execute the command.
KAVE05149-E	The environment directory cannot be created because the jp1pc directory already exists in the specified directory. (dir=*directory-name*)	The environment directory cannot be created because the specified directory already contains the `jp1pc` directory. **(S)** Stops command execution. **(O)** Specify a directory that does not contain the `jp1pc` directory, and then re-execute the command.

Message ID	Message	Corrective Action
KAVE05150-Q	A logical host environment that is not in the import file exists. Do you want to delete the logical host environment? (lhost=*logical-host-name*, servicekey=*service-key*) (Y/N) [N]:	The target logical host has a logical host environment that is not specified in the import file. **(S)** If `Y` or `y` is entered, the system deletes the logical host environment. If any other character (including a space or any character string) is entered, the system does not delete the logical host environment. **(O)** Check that the specified logical host environment can be deleted.
KAVE05151-Q	Do you want to create the specified logical host environment? (lhost=*logical-host-name*, servicekey=*service-key*) (Y/N) [Y]:	The import file contains a newly added logical host environment. **(S)** If `N` or `n` is entered, the system does not create the logical host environment. If any other character (including a space or any character string) is entered, the system creates the logical host environment. **(O)** Check that the specified logical host environment can be created.
KAVE05152-Q	A logical host environment that is not in the import file exists. Do you want to delete the logical host environment? (lhost=*logical-host-name,* servicekey=*service-key*, inst=*instance-name*) (Y/N) [N]:	The target logical host contains a logical host environment that is not specified in the import file. **(S)** If `Y` or `y` is entered, the system deletes the logical host environment. If any other character (including a space or any character string) is entered, the system does not delete the logical host environment. **(O)** Check that the specified logical host environment can be deleted.
KAVE05153-Q	Do you want to create the specified logical host environment? (lhost=*logical-host-name*, servicekey=*service-key*, inst=*instance-name*) (Y/N) [Y]:	The import file contains a newly added logical host environment. **(S)** If `N` or `n` is entered, the system does not create the logical host environment. If any other character (including a space or any character string) is entered, the system creates the logical host environment. **(O)** Check that the specified logical host environment can be created.
KAVE05154-E	The Windows service (*Windows-service-name*) is marked as a target of deletion.	The Windows service has already been marked for deletion processing. **(S)** Stops command execution. **(O)** Restart the system and complete the deletion processing.

Message ID	Message	Corrective Action
KAVE05155-I	The creating of the logical host environment will now be skipped. (servicekey=*service-key*, lhost=*logical-host-name*)	The system will skip creation of the logical host environment. **(S)** Skips creation of the logical host environment.
KAVE05156-I	The deleting of the logical host environment will now be skipped. (servicekey=*service-key*, lhost=*logical-host-name*)	The system will skip deletion of the logical host environment. **(S)** Skips deletion of the logical host environment.
KAVE05157-I	The creating of the logical host environment will now be skipped. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	The system will skip creation of the logical host environment. **(S)** Skips creation of the logical host environment.
KAVE05158-I	The deleting of the logical host environment will now be skipped. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	The system will skip deletion of the logical host environment. **(S)** Skips deletion of the logical host environment.
KAVE05159-E	The environment directory cannot be created because the specified directory does not exist. (dir=*directory*)	The environment directory cannot be created because the specified directory does not exist. **(S)** Stops command execution. **(O)** Specify an existing directory and then re-execute the command.
KAVE05160-W	Processing is skipped because the service is running. (servicekey=*service-key*)	Processing is being skipped because the service is already running. **(S)** Resumes command execution. **(O)** Use the `jpcctrl list` command to check the service start status. This message might be output when start or stop processing of a service takes a long time; so make sure that the service has stopped completely, and then re-execute the command.
KAVE05161-E	The specification of the option is incorrect. (*option*)	A specified option is invalid. **(S)** Stops command execution. **(O)** Check the command options.

Message ID	Message	Corrective Action
KAVE05162-I	The Store service is not supported for the process of creating indexes. (version=*version*)	The Master Store service or Agent Store service version that is being used does not support Store database index creation. A Store database index is created when the Master Store service or Agent Store service starts. The Store service version that supports index creation is 3.2 or later. **(S)** Skips index creation processing.
KAVE05163-E	An error occurred in the Windows service control manager. (service = *service-name*, lhost = *logical-host-name*, inst = *instance-name*)	While starting up the service, an error occurred in the Windows Service Control Manager. **(S)** Cancels command execution. **(O)** Check the following, and then re-execute the `jpcstart` command: ▪ Were no other Windows services activated concurrently? ▪ Were there any invalid settings? ▪ Are the resources sufficient? ▪ From the service where an error occurred, was a message output to the system log and the common message log? If re-execution of the command does not resolve this error, change the interval and number of retries for service startup automatically executed by the `jpcstart` command. For details about how to change the retry interval and the number of retries, see the section explaining start-up errors with service control manager (Windows) in the *HiCommand Tuning Manager Agent Administration Guide*.
KAVE05164-E	The number of open files exceeded the system limit.	The file could not be opened because the number of open files reached the system limit. **(S)** Stops command execution. **(O)** Quit any applications that are not currently being used, or increase the system limit for open files.
KAVE05165-E	An I/O error occurred during processing.	An I/O error occurred during processing. **(S)** Stops command execution. **(O)** Check the file system status.

Message ID	Message	Corrective Action
KAVE05200-E	You do not have permission to execute the command.	You do not have permission to execute the command. **(S)** Stops command execution. **(O)** Check command execution permission.
KAVE05202-E	An unexpected exception has occurred. (rc1=*maintenance-code-1*, rc2=*maintenance-code-2*)	An unexpected error has occurred. **(S)** Stops command execution. **(O)** Check the message that was output to the system log or common message log. If the problem cannot be resolved, collect maintenance information and contact the system administrator.
KAVE05203-E	Memory is insufficient.	Memory allocation failed because of insufficient memory. **(S)** Stops command execution. **(O)** Quit the applications that are not being used or increase the memory size.
KAVE05204-E	The disk capacity is insufficient.	File access failed because of insufficient disk capacity. **(S)** Stops command execution. **(O)** Delete unnecessary files or increase the disk capacity.
KAVE05205-E	An error occurred in the network. (rc=*maintenance-code*)	An error occurred during TCP/IP communication, or a communication timeout occurred. **(S)** Stops command execution. **(O)** Check the activation status of the remote server and the network status.
KAVE05206-E	The network environment is incorrect. (rc=*maintenance-code*)	TCP/IP initialization failed or socket generation failed. **(S)** Stops command execution. **(O)** Check the local host's network environment and the system environment.

Message ID	Message	Corrective Action
KAVE05209-E	The specified sub-command is invalid for the Master Manager, Master Store, Name Server or Status Server service.	The specified command cannot be issued for the Master Manager, Master Stores, Name Server, or Status Server service. **(S)** Stops command execution. **(O)** Specify the correct service ID and then re-execute the command.
KAVE05212-E	Specified logical hostname is not set up. (lhost=*logical-host-name*)	The specified logical host name has not been set up. **(S)** Stops command execution. **(O)** Correct the logical host name and then re-execute the command.
KAVE05213-E	The system environment is incorrect. (rc=*maintenance-code*)	The system environment is incorrect. The system file was illegally deleted or its access permission was changed. **(S)** Stops command execution. **(O)** ▪ When this message is output during command execution, perform a reinstallation. ▪ When this message is output during a failed version upgrade installation of Agent, carry out the following procedure: 1. Uninstall the Agent for which the version upgrade failed. 2. Install the Agent from before the version upgrade. 3. Re-install the Agent for which the version upgrade failed.
KAVE05215-E	Processing cannot continue because Name Server is not running.	The Name Server service is not running. **(S)** Stops command execution. **(O)** Start the Collection Manager service and then re-execute the command.
KAVE05216-E	Processing cannot continue because Master Manager is not running.	The Master Manager service is not running. **(S)** Stops command execution. **(O)** Start the Collection Manager service and then re-execute the command.

Message ID	Message	Corrective Action
KAVE05217-E	A host IP address could not be resolved.	The necessary host information is not set up in the `hosts` file or DNS environment. **(S)** Stops command execution. **(O)** Set up the necessary host information in the `hosts` file or DNS environment, and then re-execute the command. Check whether the IP address for the host name of the target host can be resolved and whether the IP address for the host name of each machine in the Tuning Machine system can be resolved, set the host information required for the `jpchosts` file, `hosts` file, or the DNS environment, and then re-execute the command. For more details, see the section that explains setting the IP address in the *HiCommand Tuning Manager Installation Guide*.
KAVE05222-E	Parsing failed. There is a parse error near *option*.	Option parsing failed. An invalid character is specified near the character indicated. **(S)** Interrupts processing. **(O)** Specify the correct parameter.
KAVE05223-E	The specified message text is too long.	The specified message text is too long. **(S)** Interrupts processing. **(O)** Specify correct message text.
KAVE05224-E	*option* is defined more than once.	The option indicated by *option* cannot be specified more than once. **(S)** Interrupts processing. **(O)** Specify the correct parameter.
KAVE05225-E	An operand of option *option-name* is missing.	No value is specified for the option indicated by *option*. **(S)** Interrupts processing. **(O)** Specify the correct parameter.

Message ID	Message	Corrective Action
KAVE05226-E	The specification of the operand *parameter* is incorrect.	The value specified for the parameter indicated by *parameter* is invalid. The specified parameter value cannot be used. **(S)** Interrupts processing. **(O)** Specify the correct parameter.
KAVE05227-E	Processing was terminated because a signal was received.	Processing was terminated because a signal was received. **(S)** Stops command execution.
KAVE05228-E	The Store database files could not be accessed.	The database file of the Master Store or Agent Store service cannot be accessed. The file access permission for the database or directory has been illegally altered. **(S)** Stops command execution. **(O)** If the file permission for the database file or directory of the Master Store or Agent Store service has been altered, restore it first and then re-execute the command.
KAVE05229-E	The specified sub-command is invalid for the Name Server or Status Server service.	The specified sub-command cannot be issued for the Name Server or Status Server service. **(S)** Stops command execution. **(O)** Specify the correct service ID and then re-execute the command.
KAVE05230-E	The specified instance name is not setup. (inst=*instance-name*)	The specified instance name is not set up. **(S)** Stops command execution. **(O)** Specify the correct instance name and then re-execute the command.
KAVE05231-W	Processing is skipped because the service has stopped. (service=*service-id*)	Processing is skipped because the service was stopped. **(S)** Continues command execution. **(O)** Make sure that the service is running and then re-execute the command.

Message ID	Message	Corrective Action
KAVE05232-E	Because backup or export was being processed, the request was refused.	Because backup or export was being processed, the request was refused. **(S)** Stops command execution. **(O)** Wait for the backup or export to be finished, and then re-execute the command.
KAVE05233-W	Processing is skipped because the service is running. (service=*service-id*)	Processing is skipped because the service is running. **(S)** Continues command execution. **(O)** Check the service's startup status by executing the `jpcctrl list` command.
KAVE05234-E	The communication time-out occurred.	A time-out occurred during communication. **(S)** Stops command execution. **(O)** Check the following and then re-execute the command: ▪ Is the communicating service stopped? ▪ Does processing of a large volume of data take considerable time? If you are trying to execute the `jpcctrl dump` command, take the following action to reduce the volume of data to be processed: ▪ Narrow the interval between the start date and end date specified for the command option. ▪ Specify a specific record ID instead of a wildcard character for the record ID to be specified for the command option.
KAVE05235-E	The backup processing was interrupted because the Store service stopped. (service=*service-id*)	Backup processing was interrupted because the Master Store service or Agent Store service was stopped. **(S)** Interrupts the backup processing. **(O)** Start the Master Store service or Agent Store service, and then re-execute backup processing. Also, do not restore the data that was being saved when this message was output.

Message ID	Message	Corrective Action
KAVE05236-E	The dump processing was interrupted because the Store service stopped. (service=*service-id*, dbid=*database-id*)	Export processing was interrupted because the Master Store service or Agent Store service was stopped. **(S)** Interrupts the export processing. **(O)** Start the Master Store service or Agent Store service, and then re-execute export processing.
KAVE05237-E	The service did not return the response to the request of the *command-name* command in time. (service=*service-name*, inst=*instance-name*, rc=*maintenance-code*)	The service did not return a response to the demand of the command in time. Possible causes of this error are: ▪ The service is busy. ▪ An error occurred when starting a service for UNIX, and the service cannot start. **(S)** Stops command execution. **(O)** Check the service status by executing the `jpcctrl list` command.
KAVE05238-W	The service will now forcibly stop because the service does not respond. (service=*service-name*, inst=*instance-name*, option=*option*)	The service did not stop within the predetermined time. The service is forcibly stopped with the specified option. **(S)** Forcibly stops the service.
KAVE05239-E	An error occurred in archiving files.	An error occurred during file archiving using the `tar` command. **(S)** Interrupts processing. **(O)** Check the content of the standard error output and correct the cause of the error.
KAVE05240-E	An error occurred in compressing the archive.	An error occurred during archive compression using the `compress` command. **(S)** Skips the compression and continues processing. **(O)** Check the content of the standard error output and correct the cause of the error.

Message ID	Message	Corrective Action
KAVE05241-E	The file copying failed because the disk capacity is insufficient or the destination path is too long.	An error occurred while a collected file was being copied. **(S)** Interrupts processing. **(O)** Make sure there is sufficient disk space available at the copy destination drive. If there is sufficient disk space, the copying may have failed because the path of the collected file is too long. If that is the case, shorten the destination directory path and then re-execute the command.
KAVE05242-W	An attempt to acquire additional information of an agent failed. (servicekey=*service-key*, rc=*return-code*)	Acquisition of additional agent information failed. **(S)** Resumes processing.
KAVE05243-Q	A port number that does not exist in the import file exists in the services file. Do you want to delete it? (service=*service-name*, port=*port-number*) (Y/N) [N]:	The `services` file contains a port number that is not specified in the import file. **(S)** If `Y` or `y` is entered, the system deletes the port number. If any other character (including a space or any character string) is entered, the system does not delete the port number. **(O)** Check that the specified port number can be deleted.
KAVE05244-Q	The specified port number is registered in the services file. Is this OK? (service=*service-name*, port=*port-number*) (Y/N) [Y]:	The specified port number will be registered in the `services` file. **(S)** If `N` or `n` is entered, the system does not register the port number in the `services` file. If any other character (including a space or any character string) is entered, the system registers the port number in the `services` file. **(O)** Check that the specified port number can be registered in the `services` file.
KAVE05245-E	The specified port number is already in use by another service. (service=*service-name*, port=*port-number*)	The specified port number cannot be registered in the `services` file because it is already in use by another service. **(S)** Skips registration of the port number in the `services` file. **(O)** Check the port number and specify a port number that is not being used in the `services` file.

Message ID	Message	Corrective Action
KAVE05246-Q	The same service name exists in the services file but the port number is different. Do you want to change the port number from (*old-port-number*) to (*new-port-number*)? (service=*service-name*) (Y/N) [Y]:	The `services` file contains the same service name with a different port number. **(S)** If `N` or `n` is entered, the system does not change the port number in the `services` file. If any other character (including a space or any character string) is entered, the system changes the port number in the `services` file. **(O)** Check that the port number in the `services` file can be changed.
KAVE05261-I	The port number deletion processing will now be skipped. (service=*service-name*, port=*port-number*)	Deletion of the port number will be skipped. **(S)** Skips deletion of the port number.
KAVE05262-I	The port number registration processing will now be skipped. (service=*service-name*, port=*port-number*)	Registration of the port number will be skipped. **(S)** Skips registration of the port number.
KAVE05263-I	The port number update processing will now be skipped. (service=*service-name*, port=*port-number*)	Updating of the port number will be skipped. **(S)** Skips updating of the port number.
KAVE05264-W	The collection of database information will be skipped because the service is running. (service=*service-ID*, lhost=*logical-host-name*, inst=*instance-name*)	The system skipped database information collection processing because the Master Store service or Agent Store service was active. If the service was activated on a physical host, `lhost=`*logical-host-name* is not displayed. In the case of an Agent service which does not require an instance environment, `inst=`*instance-name* is not displayed. **(S)** Skips database information collection processing. **(O)** If you want to collect database information, stop the Master Store service or Agent Store service, and then re-execute the command.
KAVE05265-E	The processing is not possible because the Store service or restore command is accessing the Store database.	The system was unable to perform the specified processing because the Master Store service, Agent Store service, or restoration command was accessing the Store database. **(S)** Stops command execution. **(O)** Stop the Master Store service, Agent Store service, or the `jpcresto` command, and then re-execute the command.

Message ID	Message	Corrective Action
KAVE05266-E	The backup command was interrupted because Master Manager stopped.	The system interrupted `jpcctrl backup` command processing because Master Manager stopped its service. **(S)** Stops the `jpcctrl backup` command processing, but allows the Master Store service or Agent Store service to continue backup processing. **(O)** You can check the outcome of the backup processing that continued after the backup command was interrupted, by reading the `BACKUP.LOG` file that was output to the Store database save directory with generation number `01`. The backup processing has normally terminated if you see `Ended normally.` in the file.
KAVE05267-E	The dump command was interrupted because Master Manager stopped. (dbid=*database-ID*)	The system interrupted `jpcctrl dump` command processing because Master Manager stopped its service. **(S)** Stops the `jpcctrl dump` command processing, but allows the Master Store service or Agent Store service to continue export processing. **(O)** You can check the outcome of the export processing that has continued after the command was interrupted, by reading the `DUMP.LOG` file that was output to the Store database export directory. The export processing has normally terminated if you see `Ended normally.` in the file.
KAVE05268-E	An attempt to communicate with the Store service has failed. (service=*service-ID*)	An attempt to communicate with the Master Store service or Agent Store service has failed. **(S)** Stops command execution. **(O)** Check the startup status of the service: ▪ Is the service running? ▪ Is online communication possible? ▪ Is the specification for the connection-target Tuning Manager correct?
KAVE05269-E	A file I/O error occurred in processing of the Store database. (service=*service-ID*)	An I/O error occurred during file processing for the Master Store service or Agent Store service. **(S)** Stops command execution. **(O)** Check the file system status in the system where the Master Store service or Agent Store service is running.

Message ID	Message	Corrective Action
KAVE05270-E	An attempt to create a backup or export process has failed. (service=*service-ID*)	Creation of a backup or export process failed. **(S)** Stops command execution. **(O)** Make sure that there is sufficient memory available in the system where the Master Store service or Agent Store service is running.
KAVE05271-E	The processing to import the alarm definition ended abnormally. (product id=*product-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*)	An attempt to import an alarm definition terminated abnormally. **(S)** Processing continues if other alarm definitions are being imported. If no other alarm definitions are being imported, command processing terminates. **(O)** Check the error message that was output immediately before this message.
KAVE05272-I	The processing to import the alarm definition ended normally. (product id=*product-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*)	An attempt to import alarm definition terminated normally. **(S)** Processing continues if other alarm definitions are being imported. If no other alarm definitions are being imported, command processing terminates.
KAVE05273-I	The processing to import the alarm definition was skipped. (product id=*product-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*)	An attempt to import an alarm definition was skipped because a character other than N or n was entered in response to the message requesting confirmation to overwrite the alarm. **(S)** Processing continues if other alarm definitions are being imported. If no other alarm definitions are being imported, command processing terminates.
KAVE05274-Q	An alarm with the same name already exists. Would you like to overwrite it? (product id=*product-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*) (Y/N)	An alarm with the same name already existed when an attempt was made to import an alarm definition. **(S)** Overwrites the existing alarm if Y or y is entered. The alarm is not overwritten if any other character (including a space or a character string) is entered. **(O)** Confirm that the specified alarm is overwritten.

Message ID	Message	Corrective Action
KAVE05275-E	An alarm table with a different data model version exists. (product id=*product-id*, alarm table=*alarm-table-name*, ver=*data-model-version*)	An alarm table of a different data model version already existed when an attempt was made to import an alarm definition. **(S)** Stops the alarm definition import processing. **(O)** Check the data model version of the alarm definition, and then re-execute the command.
KAVE05276-E	The processing to export the alarm definition was cancelled.	An attempt to export an alarm definition was cancelled because a character other than N or n was entered in response to a message requesting confirmation to update the file. **(S)** Stops command execution. **(O)** Make sure that the export destination file is valid, and then re-execute the command.
KAVE05277-I	The processing to export the alarm definition ended normally.	An attempt to export an alarm definition terminated normally. **(S)** Ends command execution.
KAVE05278-E	The processing to export the alarm definition ended abnormally.	An attempt to export an alarm definition terminated abnormally. **(S)** Stops command execution. **(O)** Check the error message output immediately before this message.
KAVE05279-I	The processing to display the alarm definition ended normally. (product id=*product-id*, alarm table=*alarm-table-name*)	Processing to display an alarm definition terminated normally. The alarm name is not displayed if you specified only -key in the jpcalarm list command. **(S)** Ends command execution.
KAVE05280-E	The processing to display the alarm definition ended abnormally. (product id=*product-id*, alarm table=*alarm-table-name*)	Processing to display an alarm definition terminated abnormally. The alarm name is not displayed if you specified only -key in the jpcalarm list command. **(S)** Stops command execution. **(O)** Check the error message output immediately before this message.

Message ID	Message	Corrective Action
KAVE05281-E	The specified alarm table does not exist. (product id=*product-id*, alarm table=*alarm-table-name*)	The specified alarm table does not exist. **(S)** Stops command execution. **(O)** Specify a valid alarm table, and then re-execute the command.
KAVE05282-E	The specified alarm does not exist. (product id=*product-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*)	The specified alarm does not exist. **(S)** Stops command execution. **(O)** Specify a valid alarm, and then re-execute the command.
KAVE05283-E	The processing to bind the alarm table ended abnormally. (serviceid=*service-id*, alarm table=*alarm-table-name*)	Processing to bind an alarm table terminated abnormally. **(S)** Processing continues if there are other agents to be bound. The command terminates if there are no other agents to be bound. **(O)** Check the error message output immediately before this message.
KAVE05284-E	The agent that corresponds to the specified service ID does not exist.	There is no agent that corresponds to the specified service ID. **(S)** Stops command execution. **(O)** Specify a valid service ID, and then re-execute the command.
KAVE05285-I	The processing to bind the alarm table ended normally. (serviceid=*service-id*, alarm table=*alarm-table-name*).	Processing to bind an alarm table terminated normally. **(S)** Processing continues if there are other agents to be bound. The command terminates if there are no other agents to be bound.
KAVE05286-E	The processing to unbind the alarm table ended abnormally. (serviceid=*service-id*, alarm table=*alarm-table-name*)	Processing to unbind an alarm table terminated abnormally. **(S)** Processing continues if there are other agents to be unbound. The command terminates if there are no other agents to be unbound. **(O)** Check the error message output immediately before this message.

Message ID	Message	Corrective Action
KAVE05287-I	The processing to unbind the alarm table ended normally. (serviceid=*service-id*, alarm table=*alarm-table-name*)	Processing to unbind an alarm table terminated normally. **(S)** Processing continues if there are other agents to be unbound. The command terminates if there are no other agents to be unbound.
KAVE05288-W	The alarm table is not bound to the specified agent. (product id=*product-id*, alarm table=*alarm-table-name*)	The alarm table is not bound to the specified agent. **(S)** Stops command execution. **(O)** Check the agents to which the alarm table is bound, specify a valid service agent, and then re-execute the command.
KAVE05289-E	Alarm activation failed. (product id=*product-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*)	An attempt to activate an alarm failed. **(S)** Stops command execution. **(O)** Check the error message output immediately before this message.
KAVE05290-I	Alarm activation succeeded. (product id=*product-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*)	An attempt to activate an alarm succeeded. **(S)** Ends command execution.
KAVE05291-E	Alarm deactivation failed. (product id=*product-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*)	An attempt to deactivate an alarm failed. **(S)** Stops command execution. **(O)** Check the error message output immediately before this message.
KAVE05292-I	Alarm deactivation succeeded. (product id=*product-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*)	An attempt to deactivate an alarm succeeded. **(S)** Ends command execution.
KAVE05293-E	The processing to copy the alarm ended abnormally. (product id=*product-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*, name=*copy-destination -name*)	Processing to copy an alarm terminated abnormally. **(S)** Stops command execution. **(O)** Check the error message output immediately before this message.
KAVE05294-E	The processing to copy the alarm table ended abnormally. (product id=*product-id*, alarm table=*alarm-table-name*, name=*copy-destination -name*)	Processing to copy an alarm table terminated abnormally. **(S)** Stops command execution. **(O)** Check the error message output immediately before this message.

Message ID	Message	Corrective Action
KAVE05295-I	The processing to copy the alarm ended normally. (product id=*product-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*, name=*copy-destination -name*)	Processing to copy an alarm terminated normally. **(S)** Ends command execution.
KAVE05296-I	The processing to copy the alarm table ended normally. (product id=*product-id*, alarm table=*alarm-table-name*, name=*copy-destination -name*)	Processing to copy an alarm table terminated normally. **(S)** Ends command execution.
KAVE05297-E	An alarm with the specified name already exists. (product id=*product-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*)	An alarm with the specified name already exists. **(S)** Stops command execution. **(O)** Check the names of the alarms in the alarm table, specify a valid alarm name, and then re-execute the command.
KAVE05298-E	An alarm table with the specified name already exists. (product id=*product-id*, alarm table=*alarm-table-name*)	An alarm table with the specified name already exists. **(S)** Stops command execution. **(O)** Check the alarm table name defined by the specified service key, specify a valid alarm table name, and then re-execute the command.
KAVE05299-E	The processing to delete the alarm ended abnormally. (product id=*product-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*)	Processing to delete an alarm terminated abnormally. **(S)** Stops command execution. **(O)** Check the error message output immediately before this message.
KAVE05300-E	The processing to delete the alarm table ended abnormally. (product id=*product-id*, alarm table=*alarm-table-name*)	Processing to delete an alarm table terminated abnormally. **(S)** Stops command execution. **(O)** Check the error message output immediately before this message.
KAVE05301-I	The processing to delete the alarm ended normally. (product id=*product-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*)	Processing to delete an alarm terminated normally. **(S)** Ends command execution.
KAVE05302-I	The processing to delete the alarm table ended normally. (product id=*product-id*, alarm table=*alarm-table-name*)	Processing to delete an alarm table terminated normally. **(S)** Ends command execution.

Message ID	Message	Corrective Action
KAVE05303-E	The alarm table cannot be edited because it is read-only. (product id=*product-id*, alarm table=*alarm-table-name*)	The alarm table cannot be modified (importing or copying cannot be performed) because the table is set to read-only. **(S)** Stops updating (import or copy processing) of the alarm table. **(O)** Check if the specified alarm table is a solution set. If it is a solution set, specify a different alarm table, and then re-execute the command.
KAVE05304-E	The number of alarms exceeds the alarm table maximum. (product id=*product-id*, alarm table=*alarm-table-name*)	The number of alarms in the alarm table exceeds the maximum number allowed. **(S)** Stops adding alarms to the alarm table. **(O)** Check the number of alarms in the specified alarm table. If 50 alarms are defined, specify another alarm table, and then re-execute the command.
KAVE05305-E	The alarm definition file is invalid. (error=*error-cause*, line=*line-number*)	The alarm definition file is invalid. **(S)** ▪ For the jpcalarm import command: Stops command execution. ▪ For the jpcalarm check command: Continues processing. Stops adding alarms to the alarm table. **(O)** Correct the alarm definition file based on the cause and location of the error, and then re-executes the command.
KAVE05306-E	The View Server service does not support the alarm operation command.	The View Server service does not support alarm operation commands. **(S)** Stops command execution. Tuning Manager must be version 5.1 or later to execute alarm operation commands. **(O)** Do not execute alarm operation commands if Tuning Manager is not version 5.1 or later.
KAVE05307-Q	The specified alarm table will now be deleted. Is this OK? (product id=*product-id*, alarm table=*alarm-table-name*) (Y/N)	Requests confirmation that the specified alarm table is to be deleted. **(S)** Deletes the alarm table if Y or y is entered. The alarm table is not overwritten if any other character (including a space or a character string) is entered. **(O)** Check that the specified alarm table is deleted.

Message ID	Message	Corrective Action
KAVE05308-Q	The specified alarm will now be deleted. Is this OK? (product id=*product-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*) (Y/N)	Requests confirmation that the specified alarm is to be deleted. **(S)** Deletes the alarm if Y or y is entered. The alarm is not overwritten if any other character (including a space or a character string) is entered. **(O)** Check that the specified alarm is deleted.
KAVE05309-E	The processing to delete the alarm table was cancelled. (product id=*product-id*, alarm table=*alarm-table-name*)	Processing to delete the alarm table was cancelled because a character other than Y or y was entered in response to the message requesting confirmation that the alarm table was to be deleted. **(S)** Stops command execution. **(O)** Specify a valid alarm table name, and then re-execute the command.
KAVE05310-E	The processing to delete the alarm was cancelled. (product id=*product-id,* alarm table=*alarm-table-name*, alarm=*alarm-name*)	The processing to delete the alarm was cancelled because a character other than Y or y was entered in response to the message requesting confirmation that the alarm was to be deleted. **(S)** Stops command execution. **(O)** Specify a valid alarm name, and then re-execute the command.
KAVE05311-W	The number of alarms that can be defined at the same time in the alarm definition file exceeded the maximum. (the number of alarm=*number-of-alarms-exported/maximum-number-of-alarms-that-can-be-defined-concurrently*)	The number of alarms defined in the alarm table exceeded the maximum number of alarms that can be defined concurrently. **(S)** Resumes processing. **(O)** Divide the definitions in the alarm definition file into two separate files, and then re-import the definitions.
KAVE05312-I	The processing to check the alarm definition ended normally.	Processing to check that the alarm definition ended normally. **(S)** Ends command execution.
KAVE05313-E	The processing to check the alarm definition ended abnormally.	Processing to check that the alarm definition terminated abnormally. **(S)** Stops command execution. **(O)** Check the error message output immediately before this message.

Message ID	Message	Corrective Action
KAVE05314-E	You cannot create an alarm table whose name starts with PFM. (product id=*product-id*, alarm table=*alarm-table-name*)	An alarm table name beginning with PFM was specified when an alarm table was being copied or created. **(S)** Stops copying or creation of the alarm table. **(O)** You cannot use an alarm table name that begins with PFM. Specify an alarm table name that begins with characters other than PFM, and then re-execute the command.
KAVE05315-E	An error occurred in an OS API(*API-name*). (en = *OS-detailed-code*, arg1 = *argument-1*, arg2 = *argument-2*, arg3 = *argument-3*)	An error occurred in an OS API. The code indicated by "en =" is the errno of a system call or a detailed code of Win32API. **(S)** Interrupts processing. **(O)** Check the OS detailed code. If the cause cannot be determined, collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter that explains error-handling procedures in the *HiCommand Tuning Manager Agent Administration Guide*.
KAVE05337-I	An alarm with the specified name already exists. (file=*file-name*, product id=*product-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*)	An alarm with the specified name already exists. If you are importing this alarm, a message asking whether or not the existing alarm is to be overwritten is also displayed. **(S)** Resumes processing. **(O)** An alarm with the same name already exists in the alarm definition file. Check the messages that are output to the common message log.
KAVE05338-E	The processing cannot be continued because the alarm is being updated. (product id=*product-id*, alarm table=*alarm-table-name*, alarm=*alarm-name*)	Processing cannot continue because the alarm is being updated. **(S)** Stops command execution. **(O)** Check the status of the specified alarm and alarm table, and then re-execute the command.

Message ID	Message	Corrective Action
KAVE05339-E	The alarm table of data model version (*alarm-table-data-model-version*) cannot be bound to an agent of data model version (*agent-data-model-version*). (alarm table=%3)	The alarm table of the data model version that cannot be bound is specified. **(S)** Stops command execution. **(O)** Check the data model versions of the agent and the alarm tables, and then re-execute the command. For details about the data model version, see the appendix in the *HiCommand Tuning Manager Agent Administration Guide*.
KAVE05340-E	There is no alarm definition for the specified agent. (service key= *service-key*)	The system cannot continue processing because there is no alarm definition for the agent specified with the service key. **(S)** Stops command execution. **(O)** Check whether there is an alarm definition for the agent specified with the service key.
KAVE05342-W	Processing is skipped because the service does not support the processing. (service=*service-ID*)	Processing is skipped because the service does not support the processing. **(S)** Continues command execution. **(O)** Check whether the specified service supports the processing.
KAVE05800-I	The updating of the data model will now start.	Upgrading of the data model will now start. **(S)** Starts command execution.
KAVE05801-I	The updating of the data model ended.	Upgrading of the data model has finished. **(S)** Stops command execution.
KAVE05810-E	An option is not specified.	An option is not specified. **(S)** Stops command execution. **(O)** Specify the option and then re-execute the command.

Message ID	Message	Corrective Action
KAVE05811-E	The specified dictionary file was not found. (dict=*dictionary-file-name*)	The specified dictionary file was not found. **(S)** Stops installation processing. **(O)** ▪ If you saved the Store database before performing the version upgrade installation, carry out the following procedure: 1. Uninstall the Agent for which the version upgrade failed. 2. Install the Agent from before the version upgrade. 3. Recover the Store database. For details on how to do this, see the chapter that explains backup and disc management in the *HiCommand Tuning Manager Agent Administration Guide*. 4. Re-install the Agent for which the version upgrade failed. ▪ If you did not save the Store database before performing the version upgrade installation, carry out the following procedure: 1. Uninstall the Agent for which the version upgrade failed. 2. Re-install the Agent for which the version upgrade failed.
KAVE05812-E	The specified dictionary file is invalid. (dict=*dictionary-file-name*, line=*line-number*, errmsg=*message*)	The contents of the dictionary file are invalid. **(S)** Stops installation processing. **(O)** ▪ If you saved the Store database before performing the version upgrade installation, carry out the following procedure: 1. Uninstall the Agent for which the version upgrade failed. 2. Install the Agent from before the version upgrade. 3. Recover the Store database. For details on how to do this, see the chapter that explains backup and disc management in the *HiCommand Tuning Manager Agent Administration Guide*. 4. Re-install the Agent for which the version upgrade failed. ▪ If you did not save the Store database before performing the version upgrade installation, carry out the following procedure: 1. Uninstall the Agent for which the version upgrade failed. 2. Re-install the Agent for which the version upgrade failed.

Message ID	Message	Corrective Action
KAVE05813-E	A datatype cannot be converted. (dict=*dictionary-file-name*, line=*line-number*)	A data type cannot be converted. **(S)** Stops installation processing. **(O)** ▪ If you saved the Store database before performing the version upgrade installation, carry out the following procedure: 1. Uninstall the Agent for which the version upgrade failed. 2. Install the Agent from before the version upgrade. 3. Recover the Store database. For details on how to do this, see the chapter that explains backup and disc management in the *HiCommand Tuning Manager Agent Administration Guide*. 4. Re-install the Agent for which the version upgrade failed. ▪ If you did not save the Store database before performing the version upgrade installation, carry out the following procedure: 1. Uninstall the Agent for which the version upgrade failed. 2. Re-install the Agent for which the version upgrade failed.
KAVE05814-E	A rule cannot be converted. (dict=*dictionary-file-name*, line=*line-number*)	The integration rule cannot be converted. **(S)** Stops installation processing. **(O)** ▪ If you saved the Store database before performing the version upgrade installation, carry out the following procedure: 1. Uninstall the Agent for which the version upgrade failed. 2. Install the Agent from before the version upgrade. 3. Recover the Store database. For details on how to do this, see the chapter that explains backup and disc management in the *HiCommand Tuning Manager Agent Administration Guide*. 4. Re-install the Agent for which the version upgrade failed. ▪ If you did not save the Store database before performing the version upgrade installation, carry out the following procedure: 1. Uninstall the Agent for which the version upgrade failed. 2. Re-install the Agent for which the version upgrade failed.

Message ID	Message	Corrective Action
KAVE05815-E	The specified directory was not found. (dir=*directory*)	The specified directory was not found. **(S)** Stops installation processing. **(O)** Check whether the indicated directory can be created. If it cannot be created, eliminate the cause of the problem and then re-install the Agent.
KAVE05816-E	The specified Store database is invalid. (db=*database*, errmsg=*message*)	The contents of the Store database are invalid. **(S)** Stops installation processing. **(O)** ▪ If this message is output when a version upgrade installation of Agent is successful, an invalid record has been detected. However, no special action is required because the consistency of the data has been recovered due to the invalid record being deleted. ▪ If this message is output when a version upgrade installation of Agent fails: 1. If you saved the Store database performing the version upgrade installation, carry out the following procedure: 2. Uninstall the Agent for which the version upgrade failed. 3. Install the Agent from before the version upgrade. 4. Recover the Store database. For details on how to do this, see the chapter that explains backup and disc management in the *HiCommand Tuning Manager Agent Administration Guide*. 5. Re-install the Agent for which the version upgrade failed. 6. If you did not save the Store database before performing the version upgrade installation Delete the Store database files (files that have the extension `.DB` or `.IDX`) of the Agent Store service for which the version upgrade installation failed, and then re-install the Agent.
KAVE05817-E	The Store database directory cannot be specified as the work directory. (wkdir=*work-directory*, stdir=*database-directory*)	You cannot specify a Store database directory as a work directory. **(S)** Stops installation processing. **(O)** Check whether the work directory is a symbolic link to the database directory. If it is, delete the symbolic link and then re-install the Agent.

Message ID	Message	Corrective Action
KAVE05821-E	The product ID of the data model is incorrect. (prodid1=*product-ID*, prodid2=*product-ID*)	The backup data or Store database does not pertain to the Agent specified in the command. **(S)** Stops command execution. **(O)** Check the service key of the specified Agent. Specify the correct Agent or Store database, and then re-execute the command.
KAVE05823-E	The version of the data model is incorrect. (ver1=*data-model-version*, ver2=*data-model-version*)	The data model version of the backup data is different from the data model version of the Store database. **(S)** Stops command execution. **(O)** Check the data model version of the specified Agent, specify the correct backup data and the correct Store database, and then re-execute the command. For information on each Agent's data model versions, see the chapter that explains records in the *HiCommand Tuning Manager Operating System Reports Reference*, the *HiCommand Tuning Manager Hardware Reports Reference* or the *HiCommand Tuning Manager Application Reports Reference*.
KAVE05832-E	An attempt to access a file failed. (file=*file-name*, api=*API-name*, en=*error-code*, errmsg=*message*)	An access error occurred on the specified file. **(S)** Stops installation processing. **(O)** Check whether the file is accessible. If it is not accessible, eliminate the cause of the error and then re-install the Agent.
KAVE05833-E	An attempt to access a directory failed. (dir=*directory-name*, api=*API-name*, en=*error-code*, errmsg=*message*)	An attempt to access the specified directory has failed. **(S)** Stops installation processing. **(O)** Check whether the directory is accessible. If it is not accessible, eliminate the cause of the error and then re-install the Agent.

Message ID	Message	Corrective Action
KAVE05834-W	The records of the *database-ID* database up to the *database-deletion-time* were deleted because the Store database reached the write limit during the update of the data model. (drawer = *summary-category*, db = *database-file-name*)	The records were deleted because the Store database reached the write limit during the data-model upgrade. ▪ When the database ID is PI: The category of the summary records to be deleted differs depending on the `drawer` value. The `drawer` value is one of the following: `1`: minute, `2`: hour, `3`: day, `4`: week, `5`: month, or `6`: year. Any records in the category that are shorter than the summary category to which the `drawer` value corresponds are deleted, and any records in the category that are longer than that summary category are not deleted. The records collected up to the deletion time are deleted from the summary records in the category corresponding to the drawer value. Records collected at the deletion time might be partly deleted. ▪ When the database ID is other than PI: Records collected up to the deletion time are deleted. However, records are saved in the database up to the write limit. Therefore, records collected at the deletion time might only be partly deleted. The `drawer` value is always set to `1`. **(S)** Deletes the records and continues installation processing. **(O)** The data retention period might not have been properly set for the data model after the upgrade. Revise the settings for the data retention period according to the new data model.
KAVE05835-I	Setup of the Store database extended functionality will now start. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	Setup of the Store database extended functionality will now start. **(S)** Starts the setup of the Store database extended functionality.
KAVE05836-I	Setup of the Store database extended functionality ended normally. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	Setup of the Store database extended functionality ended normally. **(S)** Setup of the Store database extended functionality ended normally.
KAVE05837-E	Setup of the Store database extended functionality ended abnormally. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	Setup of the Store database extended functionality ended abnormally. **(S)** Ends the command. **(O)** Check the error message that was output immediately before this message.

Message ID	Message	Corrective Action
KAVE05838-I	Unsetup of the Store database extended functionality will now start. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	Unsetup of the Store database extended functionality will now start. **(S)** Starts the unsetup of the Store database extended functionality.
KAVE05839-I	Unsetup of the Store database extended functionality ended normally. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	Unsetup of the Store database extended functionality ended normally. **(S)** Unsetup of the Store database extended functionality ended normally.
KAVE05840-E	Unsetup of the Store database extended functionality ended abnormally. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	Unsetup of the Store database extended functionality ended abnormally. **(S)** Ends the command. **(O)** Check the error message that was output immediately before this message.
KAVE05841-I	Import processing of the Store database will now start. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*, dir=*directory-name*)	Import processing of the Store database will now start. **(S)** Starts the import processing of the Store database.
KAVE05842-I	Store database import processing ended normally. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*, dir=*directory-name*)	Store database import processing ended normally. **(S)** Store database import processing ended normally.
KAVE05843-E	Store database import processing ended abnormally. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*, dir=*directory-name*)	Store database import processing ended abnormally. **(S)** Ends the command. **(O)** Check the error message that was output immediately before this message.
KAVE05844-I	Data imported into the Store database will now be cleared. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	Data imported into the Store database will now be cleared. **(S)** Starts clearing data imported into the Store database.
KAVE05845-I	Clearing of data imported Store database ended normally. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	The processing to clear data imported into the Store database ended normally. **(S)** Processing to clear data imported into the Store database ended normally.

Message ID	Message	Corrective Action
KAVE05846-E	Clearing of data imported Store database ended abnormally. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	The processing to clear data imported into the Store database ended abnormally. **(S)** Ends the command. **(O)** Check the error message that was output immediately before this message.
KAVE05847-I	Data model conversion of backup data will now start. (dir=*directory-name*)	Processing to convert the data model of backup data will now start. **(S)** Starts converting the data model of backup data.
KAVE05848-I	Data model conversion of backup data ended normally. (dir=*directory-name*)	Processing to convert the data model of backup data ended normally. **(S)** Data model conversion of backup data ended normally.
KAVE05849-E	Data model conversion of backup data ended abnormally. (dir=*directory-name*)	Processing to convert the data model of backup data ended abnormally. **(S)** Ends the command. **(O)** Check the error message that was output immediately before this message.
KAVE05850-I	The update processing of the files ended normally.	Updating of the `ini` file ended normally. **(S)** Ends command execution.
KAVE05851-E	An attempt to update files failed.	Updating of the `ini` file failed. **(S)** Stops the requested processing. **(O)** Check the following: ▪ If you have specified a service key, make sure that a `model` file exists. ▪ If you have specified the `ini` file name, make sure that the specified file exists.
KAVE05852-I	Displaying the version information of backup data ended normally. (dir=*directory-name*)	The processing to display the version information of backup data ended normally. **(S)** Processing to display the version information of backup data ended normally.

Message ID	Message	Corrective Action
KAVE05853-E	Displaying the version information of backup data ended abnormally. (dir=*directory-name*)	The processing to display the version information of backup data ended abnormally. **(S)** Ends the command. **(O)** Check the error message that was output immediately before this message.
KAVE05854-I	Displaying the version information of the Store database ended normally.	The processing to display the version information of the Store database ended normally. **(S)** Processing to display the version information of the Store database ended normally.
KAVE05855-E	Displaying the version information of the Store database ended abnormally.	The processing to display the version information of the Store database ended abnormally. **(S)** Ends the command. **(O)** Check the error message that was output immediately before this message.
KAVE05856-I	Updating the configuration information of the Store database ended normally. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*, label=*label-name*)	The processing to update the configuration information of the Store database ended normally. **(S)** Processing to update the configuration information of the Store database ended normally.
KAVE05857-E	Updating the configuration information of the Store database ended abnormally. (servicekey=*service-key*, lhost=*logical-host-name*, inst=*instance-name*, label=*label-name*)	The processing to update the configuration information of the Store database ended abnormally **(S)** Ends the command. **(O)** Check the error message that was output immediately before this message.
KAVE05858-I	Displaying Store database configuration information ended normally. (servicekey*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	The processing to display configuration information of the Store database ended normally. **(S)** Processing to display configuration information of the Store database ended normally.
KAVE05859-E	Displaying Store database configuration information ended abnormally. (servicekey*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	The processing to display configuration information of the Store database ended abnormally. **(S)** Ends the command. **(O)** Check the error message that was output immediately before this message.

Message ID	Message	Corrective Action
KAVE05860-E	The specified directory does not exist. (dir=*directory-name*)	The directory displayed as *directory-name* does not exist. **(S)** Stops the processing. **(O)** Make sure that the directory specified in the argument exists.
KAVE05861-E	A specified setting is incorrect.	A value specified in the argument is incorrect. **(S)** Stops the processing. **(O)** Make sure that the setting value is correct. If the setting value is a directory, make sure that the specified directory exists.
KAVE05862-E	The format of the specified directory is invalid. (dir=*directory-name*)	The format of the directory displayed as *directory-name* is invalid. **(S)** Stops the processing. **(O)** Make sure that the directory displayed as *directory-name* is the backup directory for the Store database. If this message is output when you execute the `jpcdbctrl import` command, make sure that the import destination agent and the specified backup directory have the same product ID and data model version.
KAVE05863-E	The Store database extended functionality is already setup.	The Store database extended functionality is already setup. **(S)** Stops the setup processing because the Store database extended functionality is already setup. **(O)** Make sure that the arguments are correctly specified.
KAVE05864-E	The Store database extended functionality is not setup.	The Store database extended functionality is not setup. **(S)** Stops the setup processing because the Store database extended functionality is already setup. **(O)** Make sure that the arguments are correctly specified.

Message ID	Message	Corrective Action
KAVE05865-E	The specified directory is not empty. (dir=*directory-name*)	The destination directory displayed as *directory-name* is not empty. **(S)** Stops the processing. **(O)** The destination directory must be empty. To empty the directory displayed as *directory-name*, delete the files in that directory after checking the files. Alternatively, change the destination directory.
KAVE05867-E	Initialization of the Store database failed.	Initialization of the Store database failed. **(S)** Ends the command. **(O)** Check the error message that was output immediately before this message.
KAVE05868-E	Processing will now stop because, in the current status, the service cannot process requests. (service=*service-name*, status=*status*)	Processing will now stop because, in the current status, the service displayed as *service-name* cannot process requests. The status of the service is displayed as *status*. **(S)** Stops the processing. **(O)** Remove the cause of the error, and then try again.
KAVE05871-E	A request was refused because importing was being performed.	Import processing could not be performed because import processing was already being performed by the Store service. **(S)** Stops the processing. **(O)** After the currently executing import processing finishes, try again.
KAVE05872-E	The Store database does not exist in the specified environment.	There is no information to be displayed because the Store service does not exist in the specified environment. **(S)** Stops the processing. **(O)** Make sure the command arguments are correct, and then try again.

Message ID	Message	Corrective Action
KAVE05873-Q	If you continue the processing, the Store database will be initialized. Do you want to continue? (Y/N)	This message, asking whether the Store database can be initialized, is displayed when unsetup of the Store database's extended function is performed. **(S)** Continues the processing only when Y or y is specified. If other characters (including a space character and character string) are entered, the processing is stopped. **(O)** Enter the response to the command.
KAVE05874-Q	If you continue the processing, the import data will be initialized. Do you want to continue? (Y/N)	This message, asking whether the import data already placed in the import directory can be initialized, is displayed when the Store database is imported. **(S)** Continues the processing only when Y or y is specified. If other characters (including a space character and character string) are entered, the processing is stopped. **(O)** Enter the response to the command.
KAVE05875-E	The specified Store service does not support import processing.	Import processing could not be performed because the specified Store service does not support import processing. **(S)** Stops the processing. **(O)** Import processing to the Agent Store service of Store database version 1.0 is not available. Enable the Store database's extended functionality, and then execute the command again.
KAVE05876-E	Conversion of a database has failed. (db=*database-name*)	The processing will now stop because an attempt to convert the database displayed as *database-name* has failed. **(S)** Stops the processing. **(O)** Check the error message that was output immediately before this message.

Message ID	Message	Corrective Action
KAVE05877-E	An attempt to transfer a database file has failed. (db=*database-name*)	The processing will now stop because an attempt to transfer the database file displayed as *database-name* has failed. **(S)** Stops the processing. **(O)** Remove the cause of the error, and then execute the command again. Any of the following might be the cause of this failure: ▪ The capacity of the destination disk is insufficient. ▪ You do not have permission to access the directory.
KAVE05878-E	The specified service does not support the Store database extended functionality.	Setup processing could not be performed because the service specified in the argument does not support the Store database's extended functionality. **(S)** Stops the processing. **(O)** The Store database's extended functionality is available for an Agent product whose version is 5.7 or later. After the upgrade of the Agent finishes, execute the command again.
KAVE05879-E	Master Store service backup data cannot be specified.	The `jpcdbctrl display` command or the `jpcdbctrl dmconvert` command was executed for the backup data of the Master Store service. These commands can only be used for backup data of the Agent Store service. **(S)** Stops the processing. **(O)** Make sure that the argument and backup data are correct, and then try again.
KAVE05880-E	An I/O error occurred during processing. (*file-name*)	An I/O error occurred while accessing the file or directory that is displayed as *file-name*. **(S)** Stops the processing. **(O)** Remove the cause of the error, and then execute the command again. Any of the following might be the cause of this I/O error: ▪ The capacity of the disk is insufficient. ▪ You do not have permission to access the file. ▪ The file or directory does not exist.

Message ID	Message	Corrective Action
KAVE05881-E	The current configuration information exceeds the Store database extended functionality limit. (dir=*directory-name*, label=*label-name*)	The directory name specified for the label name exceeds the limit value for directories used by the Store database's extended functionality. **(S)** Stops the processing. **(O)** Reconfigure the value of the directory name specified for the label name so that the name can be handled by the Store database's extended functionality, and then re-execute.
KAVE05900-E	No setup file exists. (*path*)	The setup file stored in the following Agent setup file directory could not be found: ▪ In Windows: *installation-directory*`\setup\` ▪ In UNIX: `/opt/jp1pc/setup/` The setup file name that corresponds to the specified service key is displayed in *path*. However, if the setup file cannot be found in the Agent setup file directory when `all` is specified as the service key, `NULL` is displayed. **(S)** Stops the requested processing. **(O)** Copy the Agent setup file to be added to the Agent setup file directory, and then re-execute the command.

Message ID	Message	Corrective Action
KAVE05901-E	An attempt to extract the setup file failed. (*path*)	An error occurred during the extraction of the setup file indicated by *path*. Possible causes of this error are: ▪ You do not have access permission for the setup file. ▪ You do not have access permission for the following Agent setup file extraction directory: In Windows: *installation-directory*\setup\extract\ In UNIX: /opt/jp1pc/setup/extract/ ▪ An invalid file exists in the following Agent setup file directory: In Windows: *installation-directory*\setup\ In UNIX: /opt/jp1pc/setup/ ▪ Insufficient disk space **(S)** Stops the requested processing. **(O)** Check the following and then re-execute the command: ▪ Do you have access permission for the setup file indicated by *path*? ▪ Do you have access permission for the Agent setup file extraction directory? ▪ Is there an invalid file in the Agent setup file directory? ▪ Is the disk space sufficient?
KAVE05902-E	An attempt to setup the new agent (*agent-service-key*) for Manager failed (version=*version*).	An attempt to set up an Agent, indicated by *agent-service-key*, for Tuning Manager failed. Possible causes of this error are: ▪ You do not have access permission for the following directories: In Windows: - *installation-folder*\mgr\manager\ - *installation-folder*\mgr\viewsvr\ In UNIX: - /opt/jp1pc/mgr/manager/ - /opt/jp1pc/mgr/viewsvr/ ▪ Insufficient disk space ▪ There is a service that is running **(S)** Stops the requested processing. **(O)** Check the following and then re-execute the command: ▪ Do you have access permission for the directory? ▪ Is the disk space sufficient? ▪ Is there any service that is running?

Message ID	Message	Corrective Action
KAVE05904-E	An attempt to setup the new agent (*agent-service-key*) failed. (version=*version*)	An attempt to copy the information about the Agent, indicated by *agent-service-key*, to the `jpcplist.ini` file, failed. It is possible that the following file does not exist or you do not have access permission for it: ▪ In Windows: *installation-folder*`\jpcplist.ini` ▪ In UNIX: `/opt/jp1pc/jpcplist.ini` **(S)** Stops the requested processing. **(O)** Check the following and then re-execute the command: ▪ Does the `jpcplist.ini` file exist? ▪ Do you have access permission for the `jpcplist.ini` file?
KAVE05905-E	An attempt to delete temporary files failed. (*path*)	The files under the directory indicated by *path* could not be deleted. **(S)** Stops the requested processing. **(O)** After the command is terminated, delete the files under the directory indicated by *path*, and then re-execute the command.
KAVE05906-I	A new agent (*agent-service-key*) was added for Manager. (version=*version*)	The solution set of the Agent, indicated by *agent-service-key*, was added to Tuning Manager. **(S)** Continues the requested processing.
KAVE05908-I	New agent setup (*agent-service-key*) ended successfully. (version=*version*)	The information about the Agent, indicated by *agent-service-key*, was added to the `jpcplist.ini` file, and the setup processing was normally terminated. **(S)** Stops the requested processing. However, processing continues if `all` was specified for the service key and unprocessed setup files remain.
KAVE05912-Q	The instance environment already exists. Do you want to update? (Y/N)	This is a confirmation message asking whether or not to update the instance environment. **(S)** Resumes processing only when the response is an explicit uppercase letter `Y` or lowercase letter `y` (1 byte). If the response is a space character or a character other than an uppercase letter `Y` or lowercase letter `y`, processing is cancelled. **(O)** Enter a response to the command.

Message ID	Message	Corrective Action
KAVE05913-I	The instance environment is being updated. (service key=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	The system is updating the instance environment assigned by the service key and instance name. **(S)** Resumes the requested processing.
KAVE05914-I	The instance environment was updated. (service key=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	The instance environment assigned by the service key and instance name has been updated. **(S)** Stops command execution.
KAVE05915-E	The instance environment was not updated. (service key=*service-key*, lhost=*logical-host-name*, inst=*instance-name*)	A message indicating the cause has been issued before this message. **(S)** Stops the requested processing. **(O)** Check the previous message for the nature of the error, correct the error, and then re-execute the command.
KAVE05916-I	The service configuration information listing ended normally.	Display of the service configuration information terminated normally. **(S)** Stops command execution.
KAVE05917-I	The service configuration information definition ended normally.	Definition of the service configuration information terminated normally. **(S)** Stops command execution.
KAVE05918-W	The specified port number is in use by another.	An attempt was made to specify a port number that has already been registered for another service. **(S)** Resumes the requested processing. **(O)** Check and re-enter a port number that has not been registered.

Message ID	Message	Corrective Action
KAVE05919-E	The port number is not registered correctly in the services file.	The port number is not registered correctly in the `services` file. **(S)** Stops command execution. **(O)** Register the correct port number in the `services` file. Set the correct port number by performing the following steps: ▪ If the `list` option of the `jpcnsconfig port` command displays `<error>` in the `Services` field: Execute the `jpcnsconfig port` command with the `define` option specified, and then re-set the port number. ▪ If the `list` option of the `jpcnsconfig port` command displays `<error>` in the `Port` field: ▪ Check the `services` file to see whether an incorrect port number has been duplicated. If the port number has been duplicated, delete that port number. ▪ Execute the `jpcnsconfig port` command with the `define` option specified, and then re-set the port number. ▪ Otherwise: ▪ Check the `services` file to see whether the port number for the Name Server service is correctly registered. If not, enter the next port number in the `services` file: `jp1pcnsvr 22285/tcp` Execute the `jpcnsconfig port` command with the `define` option specified, and then re-set the port number.
KAVE05920-W	The value '*value*' is out of range.	The *value* is outside the valid range. **(S)** Resumes the requested processing. **(O)** Check and re-enter the port number.
KAVE05921-W	The processing was cancelled by a user operation.	The user requested cancellation of processing in response to a message. **(S)** Stops the requested processing.

Message ID	Message	Corrective Action
KAVE05922-E	No port number that can be set for the services file exists.	The `services` file contains no available port number. **(S)** Stops the requested processing. **(O)** Check the port number registered in the `services` file, and then re-execute the command.
KAVE05923-W	Characters other than 1-byte characters were entered.	Something other than 1-byte alphanumeric characters or symbols was entered. **(S)** Continues the requested processing. **(O)** Check the input and then enter the correct characters.
KAVE05924-W	An invalid character string was entered. (OK word=*specifiable-character-string*)	An invalid character string was entered. **(S)** Continues the requested processing. **(O)** Check the input and then enter the correct character string.
KAVE05925-W	Invalid characters were entered. (NG word=*invalid-character*)	Invalid characters were entered. **(S)** Continues the requested processing. **(O)** Check the input value and then enter the correct characters.
KAVE05926-W	No input value was entered.	Input consisting only of white space, or the pressing of the **Enter** key, are invalid. **(S)** Continues the requested processing. **(O)** Enter a value that is neither blank, nor consisting only of a newline character.
KAVE05927-W	The entered value exceeded the maximum length. (maximum length=*maximum-number-of-bytes-that-can-be-entered*)	The entered value exceeds the maximum length supported. **(S)** Continues the requested processing. **(O)** Check the maximum length and then enter the correct value.

Message ID	Message	Corrective Action
KAVE05928-W	The entered value was smaller than the minimum value allowed. (minimum value=*minimum-input-value*)	The entered value is smaller than the minimum value supported. **(S)** Continues the requested processing. **(O)** Check the minimum input value and enter the correct value.
KAVE05929-W	The entered value was larger than the maximum value allowed. (maximum value=*maximum-input-value*)	The entered value is larger than the maximum value supported. **(S)** Continues the requested processing. **(O)** Check the maximum input value and enter the correct value.
KAVE05930-W	A non-numerical value was entered.	The entered value is not numeric. **(S)** Continues the requested processing. **(O)** Enter a numeric value.
KAVE05931-W	The re-entered value does not match the previous value.	The re-entered value does not match the value entered first. **(S)** Continues the requested processing. **(O)** Re-enter the same value you entered first.
KAVE06000-I	Backup processing of the Store database terminated normally. (service=*service-id*)	Backup processing of the Store database terminated normally. **(S)** Stops command execution.
KAVE06001-I	Clear processing of the Store database terminated normally. (service=*service-id*, dbid=*database-id*)	Clear processing of the Store database terminated normally. **(S)** Stops command execution.
KAVE06002-I	Dump processing of the Store database terminated normally. (service=*service-id*, dbid=*database-id*)	Export processing of the Store database terminated normally. **(S)** Stops command execution.
KAVE06003-I	List processing of the service information terminated normally.	List processing of the service information terminated normally. **(S)** Stops command execution.
KAVE06004-I	Delete processing of the service information terminated normally. (service=*service-id*)	Deletion of the service information terminated normally. **(S)** Stops command execution.

Message ID	Message	Corrective Action
KAVE06005-I	Register processing of the service information terminated normally. (service=*service-id*)	Re-registration of the service information terminated normally. **(S)** Stops command execution.
KAVE06006-I	Restore processing of the Store database terminated normally.	Restoration of the Store database terminated normally. **(S)** Stops command execution.
KAVE06007-I	The service will now start. (service=*service-name*, lhost=*logical-host-name*, inst=*instance-name*)	The service will now start. **(S)** Starts the service.
KAVE06008-I	The service will now stop. (service=*service-name*, lhost=*logical-host-name*, inst=*instance-name*)	The service will now stop. **(S)** Stops the service.
KAVE06009-I	The collection of maintenance information will now start.	Collection of the maintenance information begins. **(S)** Starts command execution.
KAVE06010-I	The collection of maintenance information ended normally.	Collection of the maintenance information terminated normally. **(S)** Stops command execution.
KAVE06013-I	The file was not found for the specified information.	An archive file could not be created because there were no files that satisfied the specified collection options. **(S)** Stops processing. **(O)** Check if valid collection options were specified.
KAVE06014-I	The creation of indexes will now start. (servicekey=*service-key*, inst=*instance-name*, host=*host-name*)	The system is starting index file creation. If the service was activated on a logical host, `lhost=`*logical-host-name* is displayed instead of `host=`*host-name*. In the case of an Agent service that does not require an instance environment, `inst=`*instance-name* is not displayed. **(S)** Starts index file creation.
KAVE06015-I	The creation of indexes succeeded. (servicekey=*service-key*, inst=*instance-name*, host=*host-name*)	Index creation was successful. If the service was activated on a logical host, `lhost=`*logical-host-name* is displayed instead of `host=`*host-name*. In the case of an Agent service that does not require an instance environment, `inst=`*instance-name* is not displayed. **(S)** Stops command execution.

Message ID	Message	Corrective Action
KAVE06016-E	An attempt to create indexes failed. (servicekey=*service-key*, inst=*instance-name*, host=*host-name*)	Index creation failed. If the service was activated on a logical host, `lhost=`*logical-host-name* is displayed instead of `host=`*host-name*. In the case of an Agent service that does not require an instance environment, `inst=`*instance-name* is not displayed. **(S)** Stops command execution. **(O)** Check the error message that was output immediately before this message.
KAVE06017-W	Processing will now be skipped because the instance environment does not exist. (service=*service-key*)	Processing will now be skipped because the instance environment does not exist. **(S)** Continues command execution. **(O)** ▪ If this message is output when the `jpcstart` command is executed: Set up an instance startup environment, and then re-execute the command. ▪ If this message is output when the `jpcstop` command is executed: Set up an instance startup environment
KAVE06018-W	Processing will be skipped because the service is in a state in which processing cannot be requested. (service=*service-id*, status=*status*)	Processing is being skipped because the service is in a state in which the service cannot process requests. The current state of the service is displayed in *status* in the same format as the execution result of the `jpcctrl list` command. **(S)** Continues command execution.
KAVE06019-E	When the -stat option is specified, wildcard characters cannot be used in the host name.	When the `-stat` option is specified, wildcard characters cannot be used in the host name. **(S)** Stops command execution. **(O)** Re-execute the command without using wildcard characters in the host name specified by the `host=`*host-name* option.
KAVE06020-E	Status Server cannot process the request. (host=*host-name*)	The Status Server service cannot process the request. **(S)** Stops command execution. **(O)** Make sure that the Status Server service is running on the host displayed in `host=`*host-name*.

Message ID	Message	Corrective Action
KAVE06021-W	The detailed information cannot be displayed because Status Server is not running. (host=*host-name*)	Detailed information cannot be displayed because the Status Server either is not running or is not connected to the host. **(S)** Continues command execution. **(O)** Make sure that the Status Server service is running on the host displayed in `host=`*host-name*. Also check if communications can be established from the Status Server to that host.
KAVE06022-I	Status Server will not be stopped because a service that relies on Status Server is running.	The Status Server service will not be stopped because a service that relies on the Status Server service is running. **(S)** Stops command execution. **(O)** Before stopping the Status Server service, stop all the services other than the Status Server service, of the physical and logical hosts on the machine for which you executed the command. If there are services other than the Status Server service running, stop them and then re-execute the command. This message's appearance could depend on the time when the other services were stopped. Ignore this message, if you discover that all the services other than the Status Server service have already been stopped.
KAVE06023-E	The specified processing cannot be executed because the status management function is not available.	The specified processing cannot be executed because the status management function is not set up. **(S)** Stops command execution. **(O)** When the status management function is not set up, the `-stat` option and the `stat` service key cannot be specified. Set up the status management function, and then re-execute the command.

Message ID	Message	Corrective Action
KAVE06024-E	The processing cannot be continued because the service is in the status of start pending or stop pending.(service=*service-name*, lhost=*logical-host-name*, inst=*instance-name*)	Processing cannot continue because the service is performing start or stop processing. Even if the `jpcstart` or `jpcstop` command is aborted, this message might be displayed if the service has already accepted a start or stop request and is performing that processing. In a Windows environment, this message might be displayed when you execute the `jpcstart` or `jpcstop` command during execution (from the Windows Service Control Manager) of start or stop processing for the service. **(S)** Stops command execution. **(O)** Use the `jpcctrl list` command to check whether the service is waiting for a request or is stopped, and then re-execute the command.
KAVE06025-I	The setup of the status management function will now start.	The setup of the status management function will now start. **(S)** Starts the setup of the status management function.
KAVE06026-I	An attempt to set up the status management function ended normally.	An attempt to set up the status management function ended normally. **(S)** Stops command execution.
KAVE06027-E	The setup of the status management function terminated abnormally.	An attempt to set up the status management function failed. **(S)** Stops command execution. **(O)** Confirm the error message displayed immediately before this message.
KAVE06028-W	The configuration file was not updated because the environment directory was inaccessible.(dir=*directory-name*)	The configuration file was not updated because the environment directory was inaccessible. This message might be displayed when the shared disk in which the environment directory exists is not mounted or when a command is being executed on the standby node. **(S)** Continues the requested processing. **(O)** Make sure that the environment directory is accessible, and then execute the command on the executing node also.
KAVE06029-I	The port number was successfully registered. (service=*service-name*, port=*port-number*)	The port number was successfully registered into the services file. **(S)** Continues import processing.

Message ID	Message	Corrective Action
KAVE06030-W	The port number is duplicated. (service=*service-name*, port=*port-number*)	Another service is using the same port number as the port number that is registered in the services file for service-name. **(S)** Continues installation processing. **(O)** Quit any Tuning Manager series services that are running, and then use the jpcnsconfig port command to change the port number of the problematic service.
KAVE06031-E	An attempt to register the port number has failed. (service=*service-name*, port=*port-number*)	An attempt to register a port number into the services file failed. **(S)** Interrupts installation processing. **(O)** Check if the services file can be written to, and then re-install the problematic Tuning Manager series program.
KAVF24901-E	An attempt to acquire product information has failed. (servicekey=*service-key*)	The `jpctminfo` command failed to acquire the information about the product specified by the indicated service key. Possible causes are as follows: ▪ The version of the Tuning Manager program specified in *service-key* is earlier than 4.0. ▪ The command was executed during installation or uninstallation of a Tuning Manager program. ▪ If the cause is not one of the above, the environment for the Tuning Manager program specified in *service-key* is incorrect. **(S)** Stops command execution. **(O)** If the command was executed during installation or uninstallation of a Tuning Manager program, re-execute the command after the installation or uninstallation finishes. If the environment is incorrect, collect maintenance information, and then overwrite-install the Tuning Manager program indicated by *service-key*.
KAVF24902-E	There is no product information. (servicekey=*service-key*)	The Tuning Manager program indicated by *service-key* in the message and specified in the `jpctminfo` command has not been installed. **(S)** Stops command execution.
KAVF24903-I	There is no patch history information.	There is no patch history information for the Tuning Manager program specified in the `jpctminfo` command. **(S)** Stops command execution.

Message ID	Message	Corrective Action
KAVF24904-E	An error occurred while reading the patch history information.	An error occurred while the command was reading the patch history information for the specified Tuning Manager program. **(S)** Stops command execution. **(O)** A Tuning Manager program is probably being installed or uninstalled. After installation or uninstallation finishes, re-execute the command. If no Tuning Manager program is being installed or uninstalled, collect maintenance information and contact the system administrator.
KAVF24905-E	The service key (*service-key*) cannot be specified.	An invalid service key was specified. **(S)** Stops command execution. **(O)** Check whether a correct service key was specified.

Chapter 4 Agent Error Codes and Messages

This chapter describes the Agent message format, lists the locations to which messages are output, shows which messages are output to syslog and the Windows event log, and describes the messages in detail.

- Message Types (Agent) (see section 4.1)
- Message Format (Agent) (see section 4.2)
- Agent Messages (Common to all Agents) (see section 4.3)
- Agent Messages (Agent for Platform (UNIX)) (see section 4.4)
- Agent Messages (Agent for Platform (Windows)) (see section 4.5)
- Agent Messages (Agent for Oracle) (see section 4.6)
- Agent Messages (Agent for RAID) (see section 4.7)
- Agent Messages (Agent for RAID Map) (see section 4.8)
- Agent Messages (Agent for Microsoft SQL Server) (see section 4.9)
- Agent Messages (Agent for NAS) (see section 4.10)
- Agent Messages (Agent for SAN Switch) (see section 4.11)
- Agent Messages (Agent for DB2) (see section 4.12)
- Agent Messages (Agent for Microsoft Exchange Server) (see section 4.13)

4.1 Message Types (Agent)

Table 4.1 lists the manuals that describe various messages.

Table 4.1 Message Description Locations

Message ID	Section Describing the System Messages
KAVF10000 - KAVF10999	*4.4 Agent Messages (Agent for Platform (UNIX))*
KAVF11000 - KAVF11999	*4.5 Agent Messages (Agent for Platform (Windows))*
KAVF12000 - KAVF12999	*4.6 Agent Messages (Agent for Oracle)*
KAVF18000 - KAVF18999	*4.7 Agent Messages (Agent for RAID)*
KAVF19000 - KAVF19999	*4.8 Agent Messages (Agent for RAID Map)*
KAVF21000 - KAVF21999	*4.9 Agent Messages (Agent for Microsoft SQL Server)*
KAVF24000 - KAVF24900	*4.10 Agent Messages (Agent for NAS)*
KAVF24901 - KAVF24999	*4.3 Agent Messages (Common to all Agents)*
KAVF25000 - KAVF25999	*4.11 Agent Messages (Agent for SAN Switch)*
KAVF29000 - KAVF29999	*4.12 Agent Messages (Agent for DB2)*
KAVL12000 - KAVL12999	*4.13 Agent Messages (Agent for Microsoft Exchange Server)*

4.2 Message Format (Agent)

This section describes the format of messages issued by Agents and the format of the message explanations in this chapter.

4.2.1 Format of Output Messages (Agent)

This section explains the format of the messages issued by Agent. Each message consists of the message ID, followed by the message text. The following is the message format:

KAVF[#]*nnnnn-Y message-text*

#

For Agent for Microsoft Exchange Server, KAVF is represented by KAVL.

The message ID indicates the following:

- K: System identifier
- AVF or AVL: Indicates an Agent message
- *nnnnn*: Serial number of the message.
- *Y*: Type of message:
  - E: Error

    Message issued when the system cancels processing
  - W: Warning

    Message issued when the system resumes processing after message output
  - I: Information

    Message in which the system provides the user with information
  - Q: Query

    Message in which the system prompts the user for a response

The following is the correspondence of the message types to the syslog priority levels:

- E
  - Level: LOG_ERR
  - Description: Error message
- W
  - Level: LOG_WARNING
  - Description: Warning message
- I
  - Level: LOG_INFO
  - Description: Additional information message

- Q
  - (Not output)

The following is the correspondence of the message types to the Windows event log types:

- E
  - Level: Error
  - Description: Error message
- W
  - Level: Warning
  - Description: Warning message
- I
  - Level: Information
  - Description: Additional information message
- Q
  - (Not output)

4.2.2 Format of Message Explanations (Agent)

This section describes the format of the message explanations in this chapter. The portion of a message text that is shown in italics represents information that is variable depending on the situation. The manual lists the messages in the order of the message IDs. The following illustrates the format of a message explanation:

message-ID *message-text* *message-explanatory-text*

(S) Explains the processing performed by the system.

(O) Explains the action the operator should take when the message is displayed.

4.2.3 Notes for System Administrators (Agent)

If a problem occurs during operation, collect log information and conduct initial checking according to the procedures in the *HiCommand Tuning Manager Agent Administration Guide*.

When you conduct initial checking to determine the cause of a problem, examine all applicable log information, such as the log information for the OS (Windows event log in Windows and syslog in UNIX) and the log information output by Agent. This log information enables you to understand the details of the problem, take appropriate action, and prevent the problem from occurring in the future. You should also make a record of the operations that led to the problem and determine whether or not the problem is likely to recur.

4.3 Agent Messages (Common to all Agents)

This section lists the output destinations of the messages issued by Agent and explains the messages.

4.3.1 Message Output Destinations (Common to all Agents)

Table 4.2 lists the output destinations of the messages issued by Agents.

Table 4.2 Output Destinations of Agent Messages (Common to All Agents)

Output Destinations	Message ID
▪ Common message log ▪ Standard error output	KAVF24901, KAVF24902, KAVF24904, KAVF24905
▪ Standard output	KAVF24903

4.3.2 Messages (Common to all Agents)

Table 4.3 explains the messages issued by Agents, and explains what actions to take in response to the messages.

Table 4.3 Messages Issued by All Agents

Message ID	Message	Corrective Action
KAVF24901-E	An attempt to acquire product information has failed. (servicekey=*service-key*)	The `jpctminfo` command failed to acquire the information about the product specified by the indicated service key. Possible causes are as follows: ▪ The version of the Tuning Manager series program specified in *service-key* is earlier than 4.0. ▪ The command was executed during installation or uninstallation of a Tuning Manager series program. ▪ If the cause is not one of the above, the environment for the Tuning Manager series program specified in *service-key* is invalid. **(S)** Stops command execution. **(O)** If the command was executed during installation or uninstallation of a Tuning Manager series program, re-execute the command after the installation or uninstallation finishes. If the environment is invalid, collect maintenance information, and then overwrite-install the Tuning Manager series program indicated by *service-key*.

Message ID	Message	Corrective Action
KAVF24902-E	There is no product information. (servicekey=*service-key*)	The Tuning Manager series program indicated by *service-key* in the message and specified in the `jpctminfo` command has not been installed. **(S)** Stops command execution.
KAVF24903-I	There is no patch history information.	There is no patch history information for the Tuning Manager series program specified in the `jpctminfo` command. **(S)** Stops command execution.
KAVF24904-E	An error occurred while reading the patch history information.	An error occurred while the command was reading the patch history information for the specified Tuning Manager series program. **(S)** Stops command execution. **(O)** A Tuning Manager program is probably being installed or uninstalled. After installation or uninstallation finishes, re-execute the command. If no Tuning Manager program is being installed or uninstalled, collect maintenance information and contact the system administrator.
KAVF24905-E	The service key (*service-key*) cannot be specified.	An invalid service key was specified. **(S)** Stops command execution. **(O)** Check whether a correct service key was specified.

4.4 Agent Messages (Agent for Platform (UNIX))

This section lists the output destinations of Agent for Platform (UNIX) messages, lists the messages output to syslog, and lists and explains the messages.

4.4.1 Message Output Destinations (Agent for Platform (UNIX))

Table 4.4 lists the output destinations of the messages issued by Agent for Platform (UNIX).

Table 4.4 Output Destinations of Agent for Platform (UNIX) Messages

Output Destinations	Message ID
▪ Common message log	KAVF10010, KAVF10011, KAVF10100, KAVF10150, KAVF10203 - KAVF10206, KAVF10300, KAVF10301, KAVF10500 - KAVF10503
▪ Common message log ▪ syslog	KAVF10001 - KAVF10004, KAVF10101 - KAVF10103, KAVF10200 - KAVF10202

4.4.2 List of Messages Output to Syslog (Agent for Platform (UNIX))

This section lists the messages that Agent for Platform (UNIX) outputs to `syslog`.

The syslog information is output to the `syslog` file. For the installation location of the `syslog` file, see the syslog daemon configuration file (default path is `/etc/syslogd.conf`).

Table 4.5 lists the messages that Agent for Platform (UNIX) outputs to `syslog`.

Table 4.5 Messages Output to Syslog

Message ID	Syslog	
	Facility	Level
KAVF10001-I	LOG_DAEMON	LOG_INFO
KAVF10002-E		LOG_ERR
KAVF10003-I		LOG_INFO
KAVF10004-E		LOG_ERR
KAVF10101-E		
KAVF10102-E		
KAVF10103-E		
KAVF10200-E		
KAVF10201-E		
KAVF10202-E		

4.4.3 Messages (Agent for Platform (UNIX))

Table 4.6 explains the messages issued by Agent for Platform (UNIX), and explains what actions to take in response to the messages.

Table 4.6 Messages Issued by Agent for Platform (UNIX)

Message ID	Message	Corrective Action
KAVF10001-I	Agent Collector has stopped. (host=*host name*, service=*service ID*)	The Agent Collector service stopped normally. **(S)** Stops processing of the Agent Collector service.
KAVF10002-E	Agent Collector failed to start.	The Agent Collector service failed to start. **(S)** Stops processing of the Agent Collector service. **(O)** Check the immediately preceding message that was issued to the common message log and take appropriate action.
KAVF10003-I	Agent Collector has started. (host=*host name*, service=*service ID*)	Startup of the Agent Collector service was completed. **(S)** Starts collecting performance data for the Agent Collector service.
KAVF10004-E	Agent Collector stopped abnormally.	The Agent Collector service stopped abnormally. **(S)** Stops processing of the Agent Collector service. **(O)** Check the immediately preceding message that was output to the common message log and take appropriate action. If you cannot determine the cause of the problem, collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF10010-I	Name Server has been connected.	A connection was established successfully to the Name Server service during startup of the Agent Collector service. **(S)** Resumes startup of the Agent Collector service.

Message ID	Message	Corrective Action
KAVF10011-I	Agent Store has been connected.	A connection was established successfully to the Agent Store service during startup of the Agent Collector service. **(S)** Resumes startup of the Agent Collector service.
KAVF10100-E	An error occurred in an OS API (*API-name*). (en=*OS-detail-code*, arg1=*argument-1*, arg2=*argument-2*, arg3=*argument-3*)	An error occurred in the indicated OS API. The code displayed in *en* is the system call error number (*errno*). **(S)** If the error occurred during startup, stops processing of the Agent Collector service. **(O)** Check the OS detail code. If you cannot determine the cause of the problem, collect maintenance information and then contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF10101-E	An error occurred in a function (*function-name*). (rc=*maintenance-code*, arg1=*argument-1*, arg2=*argument-2*, arg3=*argument-3*)	An error occurred in the indicated control function. **(S)** Stops processing of the Agent Collector service. **(O)** Collect maintenance information, and then contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF10102-E	A signal has been accepted. (sn=*signal-number*)	A signal interrupt occurred. The code displayed in *sn* is the OS signal number. **(S)** Stops processing of the Agent Collector service. **(O)** Collect maintenance information, and then contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.

Message ID	Message	Corrective Action
KAVF10103-E	An exception occurred. (msg=*exception-message*)	An exception occurred during processing of the Agent Collector service. **(S)** Stops processing of the Agent Collector service. **(O)** Check whether system resources such as memory are sufficient. If you cannot determine the cause of the problem, collect maintenance information, and then contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF10150-W	An error occurred in an OS API (*API-name*). (en=*OS-detail-code*, arg1=*argument-1*, arg2=*argument-2*, arg3=*argument-3*)	An error occurred in an API of the OS. The error code indicated in *en* is the system call error number (*errno*). **(S)** Continues processing of the Agent Collector service. If argument-1 is `jpc_ufss`, the Agent Collector service cannot collect the User File System Storage (`PD_UFSS`) record. **(O)** Check the OS detail code, remove the cause of the error, and then restart the Agent Collector service. If you cannot determine the cause of the problem, collect maintenance information, and then contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF10200-E	An attempt to initialize a connection failed.	Connection establishment failed during startup of the Agent Collector service. **(S)** Stops startup of the Agent Collector service. **(O)** Check that the applicable host is connected to the network. If you cannot determine the cause of the problem, collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.

Message ID	Message	Corrective Action
KAVF10201-E	Initialization of Agent Configuration failed.	Initialization of Agent Configuration failed during startup of the Agent Collector service. **(S)** Stops startup of the Agent Collector service. **(O)** Check that the service startup information file (`jpcagt.ini`) is under the `/opt/jp1pc/agtu/agent/` directory. If it is not under this directory, copy the `jpcagt.ini.model` file into the `jpcagt.ini` file. If you cannot determine the cause of the problem, collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF10202-E	An attempt to initialize a record failed.	Initialization of a record failed during startup of the Agent Collector service. **(S)** Stops startup of the Agent Collector service. **(O)** Collect maintenance information, and then contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF10203-W	Invalid entry in *file-name*.	An error was detected in a definition file. **(S)** Ignores the invalid definition and resumes startup of the Agent Collector service. **(O)** Edit the definition information in the indicated file and restart the service.

Message ID	Message	Corrective Action
KAVF10204-W	An attempt to collect the OS information failed.	The OS version information could not be collected. **(S)** Continues processing of the Agent Collector service. Note that the values of the following record fields cannot be collected correctly: CPU - Per Processor Detail (PI_CPUP) ▪ Boot Time (SYSTEM_BOOT_TIME) ▪ Status (PROCESSOR_STATUS) ▪ Up Time (SYSTEM_UP_TIME) System Summary Overview (PI) ▪ Boot Time (CURRENT_SYSTEM_BOOT_TIME) ▪ Free Swap Mbytes (FREE_SWAP_MBYTES) ▪ ICMP Pkts In (ICMP_PACKETS_IN) ▪ ICMP Pkts Out (ICMP_PACKETS_OUT) ▪ IP Pkts In (IP_PACKETS_IN) ▪ IP Pkts Out (IP_PACKETS_OUT) ▪ System Up Time (CURRENT_BOOT_SYSTEM_UP_TIME) ▪ TCP Pkts In (TCP_PACKETS_IN) ▪ TCP Pkts Out (TCP_PACKETS_OUT) ▪ Total Pkts (TOTAL_PACKETS) ▪ Total Pkts In (TOTAL_PACKETS_IN) ▪ Total Pkts Out (TOTAL_PACKETS_OUT) ▪ Total Physical Mem Mbytes (TOTAL_MEMORY_MBYTES) ▪ Total Swap Mbytes (TOTAL_SWAP_MBYTES) ▪ UDP Pkts In (UDP_PACKETS_IN) ▪ UDP Pkts Out (UDP_PACKETS_OUT) IPC Summary (PD_IPCS) ▪ Max Shared Mem Size (SHMMAX) ▪ Min Shared Mem Size (SHMMIN) ▪ Shared Mem IDs (SHMMNI) **(O)** Secure a sufficient amount of free space (about 50 KB) under /tmp, and then restart the Agent Collector service.

Message ID	Message	Corrective Action
KAVF10205-W	Initialization of interprocess communication failed.	Initialization of communication between the `jpcagtu` process and the child process failed. **(S)** Continues processing of the Agent Collector service. Note, however, that the following fields cannot be collected: ▪ The IP Address (`IP_ADDRESS`) field in the File System Detail - Remote (`PD_FSR`) record ▪ The Network Mask (`NETWORK_MASK`) field in the Network Interface Detail (`PI_NIND`) record ▪ All fields in the following records (in the Solaris 64-bit environment only): Process Detail (`PD`), Process Detail Interval (`PD_PDI`), Process Summary (`PD_PDS`), Program Summary (`PD_PGM`), Terminal Summary (`PD_TERM`), User Summary (`PD_USER`), Workgroup Summary (`PI_WGRP`) **(O)** If none of the fields listed above are being collected, ignore this message. If any of the fields listed above are being collected, check whether the system resources are sufficient. If you cannot determine the cause of the problem, collect maintenance information, and then contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting..

Message ID	Message	Corrective Action
KAVF10206-W	Interprocess communication failed.	Communication between the jpcagtu process and the child process failed. **(S)** Continues processing of the Agent Collector service. Note, however, that the following fields cannot be collected: ▪ The IP Address (IP_ADDRESS) field in the File System Detail - Remote (PD_FSR) record ▪ The Network Mask (NETWORK_MASK) field in the Network Interface Detail (PI_NIND) record ▪ All fields in the following records (in the Solaris 64-bit environment only): Process Detail (PD), Process Detail Interval (PD_PDI), Process Summary (PD_PDS), Program Summary (PD_PGM), Terminal Summary (PD_TERM), User Summary (PD_USER), Workgroup Summary (PI_WGRP) **(O)** If none of the fields listed above are being collected, ignore this message. If any of the fields listed above are being collected, check whether the system resources are sufficient. If you cannot determine the cause of the problem, collect maintenance information, and then contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF10300-W	An attempt to collect a record failed. (record=*record-ID*)	An attempt to use the Agent Collector service to collect data for the indicated record has failed. **(S)** Resumes processing of the Agent Collector service. **(O)** If this message is output repeatedly, check for invalid settings in the system environment for the system being monitored. If you cannot determine the cause of the problem, collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.

Message ID	Message	Corrective Action
KAVF10301-W	An attempt to collect performance data used for *record-ID* record has failed.	An error occurred during collection of performance data for use with the displayed record. **(S)** Continues processing of the Agent Collector service. Note that the performance data for the displayed records cannot be collected correctly. **(O)** If you are not collecting the displayed record, ignore this message. If you are collecting the displayed record, check the message that was output to the common message log immediately previous to this one, and follow the instructions in the message. If you cannot determine the cause of the problem, collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF10500-W	Memory is insufficient. (required memory=*size*)	An attempt to acquire memory has failed. **(S)** Resumes processing of the Agent Collector service. **(O)** Stop applications that are not being used, or increase the amount of memory.
KAVF10501-W	The disk capacity is insufficient.	File access failed because free disk space is insufficient. **(S)** Resumes processing of the Agent Collector service. **(O)** Increase the amount of free disk space by, for example, deleting unnecessary files.
KAVF10502-W	An I/O error occurred.	An I/O error occurred. **(S)** Resumes processing of the Agent Collector service. **(O)** The file system might be inaccessible because of a hard disk failure. Determine and correct the cause of the I/O error.

Message ID	Message	Corrective Action
KAVF10503-W	Reception of a signal caused the service to stop. (signal=*signal-number*)	The Agent Collector service stopped because a signal was received. The displayed signal code indicates an OS signal number. **(S)** Stops processing of the Agent Collector service. **(O)** The system might have been terminated without setting up the service automatic stop script. Check whether the service automatic stop script has been set up. If the service automatic stops script has not been set up, set up the script. For details about how to set up the service automatic stop script, see the chapter describing how to start and stop an agent (in a UNIX environment) in the *HiCommand Tuning Manager Agent Administration Guide*. If the service automatic stop script has been set up, or this message is output at a time other than while the system is terminating, collect the maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.

4.5 Agent Messages (Agent for Platform (Windows))

This section lists the output destinations of Agent for Platform (Windows) messages, lists the messages output to the Windows event log, and lists and explains the messages.

4.5.1 Message Output Destinations (Agent for Platform (Windows))

Table 4.7 lists the output destinations of the messages issued by Agent for Platform (Windows).

Table 4.7 Output Destinations of Agent for Platform (Windows) Messages

Output Destinations	Message ID
▪ Common message log	KAVF11005, KAVF11006, KAVF11101, KAVF11300, KAVF111304, KAVF11311, KAVF11406, KAVF11407
▪ Common message log ▪ Windows event log	KAVF11001 - KAVF11004, KAVF11301, KAVF11302, KAVF11307, KAVF11308, KAVF11310, KAVF11313
▪ Fields in Event Log (PD_ELOG) record See ***Note***	KAVF11404, KAVF11405

Note: This message is output as collected data to the DESCRIPTION field of the Event Log (PD_ELOG) record. The message is not output to a log.

4.5.2 Messages Output to the Windows Event Log (Agent for Platform (Windows))

This section lists the messages that Agent for Platform (Windows) outputs to the Windows event log.

The Windows event log is displayed as an application log in the Event Viewer window.

To open the Event Viewer window in Windows 2000, from the Windows **Start** menu, choose **Settings**, **Control Panel**, **Administrative Tools**, and then **Event Viewer**.

To open the Event Viewer window from the Windows **Start** menu in Windows Server™ 2003 or Windows Server 2003 (IPF), choose **Administrative Tools** then **Event Viewer**.

For an event issued by Agent for Platform (Windows), the identifier PFM-Platform is displayed in the **Source** column of the Event Viewer window.

Table 4.8 lists the messages that Agent for Platform (Windows) outputs to the Windows event log.

Table 4.8 Messages Output to Windows Event Log

Message ID	Windows Event Log	
	Event ID	Type
KAVF11001-I	11001	Information
KAVF11002-E	11002	Error
KAVF11003-I	11003	Information
KAVF11004-E	11004	Error
KAVF11101-E	11101	
KAVF11301-E	11301	
KAVF11302-E	11302	
KAVF11307-E	11307	
KAVF11308-E	11308	
KAVF11310-E	11310	
KAVF11313-E	11313	

4.5.3 Messages (Agent for Platform (Windows))

Table 4.9 explains the messages issued by Agent for Platform (Windows), and explains what actions to take in response to the messages.

Table 4.9 Messages Issued by Agent for Platform (Windows)

Message ID	Message	Corrective Action
KAVF11001-I	Agent Collector has stopped. (host=*host-name*, service=*service-ID*)	The Agent Collector service stopped normally. **(S)** Stops processing of the Agent Collector service.
KAVF11002-E	Agent Collector failed to start.	The Agent Collector service startup failed. **(S)** Stops processing of the Agent Collector service. **(O)** Check the immediately preceding message that was issued to the common message log and take appropriate action.
KAVF11003-I	Agent Collector has started. (host=*host-name*, service=*service-ID*)	Startup of the Agent Collector service has completed. **(S)** Starts performance data collection processing of the Agent Collector service.

Message ID	Message	Corrective Action
KAVF11004-E	Agent Collector stopped abnormally.	The Agent Collector service stopped abnormally. **(S)** Stops processing of the Agent Collector service. **(O)** Check the immediately preceding message that was output to the event log and common message log and take appropriate action.
KAVF11005-I	Agent Store has been connected.	Connection to the Agent Store service was established successfully during Agent Collector service startup processing. **(S)** Continues startup processing of the Agent Collector service.
KAVF11006-I	Name Server has been connected.	Connection to the Name Server service was established successfully during the Agent Collector service startup processing. **(S)** Continues startup processing of the Agent Collector service.
KAVF11101-E	An error occurred in a function (*function-name*). (rc= *error-code, maintenance information*)	An error occurred in the indicated control function. If there is no maintenance information, blanks are displayed. **(S)** Stops processing of the Agent Collector service. **(O)** Collect maintenance information, and then contact the system administrator. For details about how to collect maintenance information, see the chapter that describes troubleshooting in the *HiCommand Tuning Manager Agent Administration Guide*.
KAVF11300-W	An attempt to allocate memory for (*record-ID*) failed.	Memory allocation for the indicated record failed. If UNKOWN is displayed for *record-ID*, memory allocations for multiple records have failed. **(S)** Cancels the indicated record collection and executes the next record collection processing. **(O)** Either stop some other application or increase the amount of available memory. If you cannot determine the cause of the problem, collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.

Message ID	Message	Corrective Action
KAVF11301-E	Initialization of Agent Configuration failed.	An attempt to read the service startup initialization file failed during startup processing for the Agent Collector service. **(S)** Stops processing of the Agent Collector service. **(O)** Check that the service startup initialization file (`jpcagt.ini`) is located in *installation-folder*`\agtt\agent`. If it is not, copy the contents of the `jpcagt.ini.model` file into the `jpcagt.ini` file. If you cannot determine the cause of the problem, collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF11302-E	TCP/IP Initialization failed.	Initialization of TCP/IP failed during the Agent Collector service startup processing. **(S)** Stops processing of the Agent Collector service. **(O)** Check whether the network settings are correct.
KAVF11304-W	Data could not be collected for a record *record-ID*. (rc=*return-code*).	The system was unable to collect the indicated record data. **(S)** Continues processing of the Agent Collector service. **(O)** Check that the service appropriate to the indicated record has been installed and has been started. Also check the description for the *return-code* and check whether system resources (such as memory) are insufficient. If you cannot determine the cause of the problem, collect maintenance information and then contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.

Message ID	Message	Corrective Action
KAVF11307-E	The registry key could not be opened. (*registry-key-name*, rc=*error-code*)	The system was unable to open the indicated registry key. **(S)** Stops the Agent Collector service. **(O)** Check that the registry is accessible. If it is not accessible, check whether or not there are sufficient operating system resources or whether or not an error has occurred in the operating system.
KAVF11308-E	The value for the open registry key could not be obtained. (*registry-key-name*, rc=*return-code*)	The system opened successfully the indicated registry key, but was unable to obtain the registry value. **(S)** Stops the Agent Collector service. **(O)** Check that the registry is accessible. If it is not accessible, check whether or not there are sufficient operating system resources or whether or not an error has occurred in the operating system.
KAVF11310-E	Information about the open registry key could not be retrieved. (*registry-key-name*, rc=*return-code*)	The system was unable to obtain information from the open registry key. **(S)** Stops processing of the Agent Collector service. **(O)** Check whether or not there are sufficient operating system resources or whether or not an error has occurred in the operating system.
KAVF11311-W	An attempt to open a file (*filename*) failed. (rc=*return-code*)	An open error occurred in the indicated file, which is a performance data definition file or performance data definition log file. This error has no effect on the operation of the currently active Agent Collector service because this service obtains the same information by referencing the Windows registry, but part of the system may have been damaged. **(S)** Continues processing of the Agent Collector service. **(O)** Check whether or not the indicated file exists. If it does not exist, check for an operating system error.

Message ID	Message	Corrective Action
KAVF11313-E	Information about the performance registry could not be retrieved.	The system was unable to obtain information from the performance registry. **(S)** Stops processing of the Agent Collector service. **(O)** Check whether or not there are sufficient operating system resources or whether or not an error has occurred in the operating system.
KAVF11404-W	The description for Event ID (*event-ID*) in Source (*source-name*) cannot be found. The local computer may not have the necessary registry information or message DLL files to display messages from a remote computer. The following information is part of the event: *character-string*.	Windows 2000 was unable to acquire the event log message indicated by the source name and event ID. **(S)** Continues processing of the Agent Collector service. **(O)** Make sure that the service corresponding to the specified source name has not been uninstalled, and that a file exists with the indicated source name.
KAVF11405-W	The description for Event ID (*event-ID*) in Source (*source-name*) cannot be found. The local computer may not have the necessary registry information or message DLL files to display messages from a remote computer. You may be able to use the /AUXSOURCE= flag to retrieve this description; see Help and Support for details. The following information is part of the event: *character-string*.	Windows Server 2003 or Windows Server 2003 (IPF) was unable to acquire the event log message indicated by *event-ID* and *source-name*. **(S)** Continues processing of the Agent Collector service. **(O)** Make sure that the service corresponding to the specified source name has not been uninstalled, and that a file exists with the indicated source name.
KAVF11406-W	The system resources have been modified. (*record-ID*)	The related system resource indicated by *record-ID* has been changed. **(S)** Twice skips collection of the indicated record.
KAVF11407-E	Performance data cannot be collected because the Remote Registry Service (service name : RemoteRegistry) is not running. (rc = *return-code*)	Performance data cannot be collected because the Remote Registry Service (service name : RemoteRegistry) is not running. (rc = *return-code*) **(S)** Stops processing of the Agent Collector service. **(O)** Start the service indicated by *service-name*, and then start the Agent Collector service.

4.6 Agent Messages (Agent for Oracle)

This section lists the output destinations of Agent for Oracle messages, lists the messages output to syslog and the Windows event log, and lists and explains the messages.

4.6.1 Message Output Destinations (Agent for Oracle)

Table 4.10 lists the output destinations of the messages issued by Agent for Oracle.

Table 4.10 Output Destinations of Agent for Oracle Messages

Output Destinations	Message ID
▪ Common message log	KAVF12009, KAVF12019, KAVF12301, KAVF12302, KAVF12306, KAVF12401,KAVF12411 - KAVF12413, KAVF12634, KAVF12519, KAVF12629
▪ Common message log ▪ syslog ▪ Windows event log	KAVF12001 - KAVF12004, KAVF12010, KAVF12011, KAVF12014, KAVF12015, KAVF12017, KAVF12018, KAVF12020 - KAVF12023, KAVF12303 - KAVF12305, KAVF12402
▪ Common message log ▪ Agent log (Error log)	KAVF12630, KAVF12633, KAVF12637
▪ Standard output (See ***Note*** 1)	KAVF12501, KAVF12502
▪ Standard output (See ***Note*** 1,2)	KAVF12504
▪ Standard output (See ***Note*** 2)	KAVF12505 - KAVF12518
▪ Agent log (Normal log)	KAVF12601 - KAVF12612, KAVF12635, KAVF12636
▪ Agent log (Error log)	KAVF12600, KAVF12613 - KAVF12628, KAVF12631, KAVF12632, KAVF12634

Note 1: This message is output during execution of the `sp_inst.sql` script or the `sp_inst_seg2.sql` script.

Note 2: This message is output during execution of the `mk_user.sql` script.

4.6.2 Messages Output to Syslog and the Windows Event Log (Agent for Oracle)

This section lists the messages that Agent for Oracle outputs to `syslog` and to the Windows event log.

The syslog information is output to the `syslog` file. For the installation location of the `syslog` file, see the syslog daemon configuration file (default path is `/etc/syslogd.conf`).

The Windows event log is displayed as an application log in the Event Viewer window.

To open the Event Viewer window in Windows 2000, from the Windows **Start** menu, choose **Settings**, **Control Panel**, **Administrative Tools**, then **Event Viewer**.

To open the Event Viewer window from the Windows **Start** menu in Windows Server 2003, choose **Administrative Tools** then **Event Viewer**.

For an event issued by Agent for Oracle, the identifier PFM-Oracle is displayed in the **Source** column of the Event Viewer window.

Table 4.11 lists the messages that Agent for Oracle outputs to `syslog` and to the Windows event log.

Table 4.11 Messages Output to Syslog and to the Windows Event Log

Message ID	Syslog		Windows Event Log	
	Facility	Level	Event ID	Type
KAVF12001-I	LOG_DAEMON	LOG_INFO	12001	Information
KAVF12002-E		LOG_ERR	12002	Error
KAVF12003-I		LOG_INFO	12003	Information
KAVF12004-E		LOG_ERR	12004	Error
KAVF12010-E			12010	
KAVF12011-E			12011	
KAVF12014-E			12014	
KAVF12015-E			12015	
KAVF12017-E			12017	
KAVF12018-E			12018	
KAVF12020-E			12020	
KAVF12021-E			12021	
KAVF12022-E			12022	
KAVF12023-E			12023	
KAVF12303-E			12303	
KAVF12304-E			12304	
KAVF12305-E			12305	
KAVF12402-E			12402	

4.6.3 Messages (Agent for Oracle)

Table 4.12 explains the messages issued by Agent for Oracle, and explains what actions to take in response to the messages.

Table 4.12 Messages Issued by Agent for Oracle

Message ID	Message	Corrective Action
KAVF12001-I	Agent Collector has stopped. (host=*host-name*, service=*service-ID*)	Agent Collector stopped normally. **(S)** Stops Agent Collector processing.
KAVF12002-E	Agent Collector failed to start.	Agent Collector startup failed. **(S)** Stops Agent Collector processing. **(O)** Check the immediately preceding message that was issued to the common message log and take appropriate action.
KAVF12003-I	Agent Collector has started. (host=*host-name*, service=*service-ID*)	Agent Collector startup was completed. **(S)** Starts Agent Collector's performance data collection processing.
KAVF12004-E	Agent Collector stopped abnormally.	Agent Collector stopped abnormally. **(S)** Stops Agent Collector processing. **(O)** Check the immediately preceding message that was output to the common message log and take appropriate action.
KAVF12009-W	The object to be monitored is not available. (host=*host-name*, service=*service-name*)	Agent Collector was unable to establish a connection with the Oracle database to be monitored. **(S)** Resumes Agent Collector processing. **(O)** Check to see if the Oracle database is active. Also check for errors in the following information specified during instance environment setup: ▪ `oracle_home` ▪ `oracle_sid` ▪ `oracle_user` ▪ `oracle_passwd`

Message ID	Message	Corrective Action
KAVF12010-E	An attempt to read the initialization file failed.	An attempt to read the service startup initialization file failed during startup processing for Agent Collector. **(S)** Stops Agent Collector processing. **(O)** Check to see if the service startup initialization file (`jpcagt.ini`) is stored in either of the following directories: ▪ For Windows *installation-folder*`\agto\agent\`*instance-name* ▪ For UNIX `/opt/jp1pc/agto/agent/`*instance-name* If the service startup initialization file is not found at the indicated location, copy the contents of the `jpcagt.ini.model` file into the `jpcagt.ini` file. If the cause of the error is unknown, collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF12011-E	Initialization of interprocess communication failed.	Preparations could not be made to enable communication between Agent Collector and the performance data collection program. **(S)** Stops Agent Collector processing. **(O)** Check the immediately preceding message that was output to the common message log and take appropriate action. If there is no such message, collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.

Message ID	Message	Corrective Action
KAVF12014-E	The [Agent | Collector] semaphore could not be obtained.	Semaphore acquisition failed. **(S)** Stops Agent Collector processing. **(O)** Check the kernel parameters for semaphores and specify valid information. For details about semaphore values, see the *HiCommand Tuning Manager Installation Guide*.
KAVF12015-E	The Collector process could not start.	Startup of the performance data collection program failed. **(S)** Stops Agent Collector processing. **(O)** Collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF12017-E	The environment variable [*environment-variable*] could not be set.	Agent for Oracle was unable to set the indicated environment variable. **(S)** Stops Agent Collector processing. **(O)** Collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF12018-E	An attempt to start the collector failed. (GetProgram=*program-name*)	Startup of the performance data collection program failed because of invalid database monitoring settings. **(S)** Stops Agent Collector processing. **(O)** Check to see if the Oracle database is active. Also check for errors in the following information specified during instance environment setup: ▪ `oracle_home` ▪ `oracle_sid` ▪ `oracle_user` ▪ `oracle_passwd`

Message ID	Message	Corrective Action
KAVF12019-W	External command could not be called while collecting *record-name*. (Command=*command-line*)	The indicated external command call failed. **(S)** Resumes Agent Collector processing. **(O)** Check that the OS and Oracle are running normally. Make sure that the command that is output to the command line can be executed.
KAVF12020-E	While executing *function-name* function *called-function-name* failed.	An error occurred during execution of the indicated function. **(S)** Stops Agent Collector processing. **(O)** Collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF12021-E	Error occurred by function *function-name*. (en=*error-code*, arg1=*argument-1*, arg2=*argument-2*, arg3=*argument-3*)	An error occurred during execution of the indicated function. **(S)** Stops Agent Collector processing. **(O)** Collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF12022-E	Processing was interrupted by signal. (signal=*signal-number*)	Processing was interrupted by the indicated signal. **(S)** Stops Agent Collector processing. **(O)** Collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.

Message ID	Message	Corrective Action
KAVF12023-E	Agent Collector is going to stop because the error has occurred.	Agent Collector will be stopped because of an error. **(S)** Stops Agent Collector processing. **(O)** Check the immediately preceding message that was output to the common message log and take appropriate action.
KAVF12301-W	At Agent Collector startup, the system could not connect to Oracle. (rc=*return-code*)	An attempt to connect to the Oracle database has failed. **(S)** Resumes Agent Collector processing. **(O)** Take the appropriate action indicated in the message that follows this message.

Message ID	Message	Corrective Action
KAVF12302-W	An OCI call failed because of function *function-name*. (rc=*return-code*, errcode=*error-number*)	An OCI call resulted in an error when an attempt was made to connect to the Oracle database. **(S)** Resumes Agent Collector processing. **(O)** Take one of the actions listed below on the basis of the Oracle error number (value of `errcode` displayed in the message): ▪ `errcode` value is `942` Check if you are attempting to collect a record that is not supported by the current configuration. ▪ `errcode` value is `1017` or `1031` Agent for Oracle failed to log on the Oracle database to be monitored, because the user name or password is invalid. Make sure that you have specified the correct user name and password during the setup of the instance environment. For details about how to check the instance environment, see the chapter in the *HiCommand Tuning Manager Installation Guide* that describes how to update the instance environment. ▪ `errcode` value is `6550` You must execute the `sp_inst.sql` script for the Oracle database from which you want to collect data. For details about how to execute the script, see the chapter in the *HiCommand Tuning Manager Installation Guide* that describes how to set up the instance environment. ▪ `errcode` value is `1013` Collection of the performance data might have been canceled because the maximum access time for the monitored Oracle database, which is allowed during record creation, is set. Check whether the `KAVF12636-I` message has been output to the normal log file of the agent log. To prevent the collection of the performance data from being canceled, check and revise the timeout value. For details about how to do this, see the *HiCommand Tuning Manager Installation Guide*.

Message ID	Message	Corrective Action
		▪ `errcode` value is `12546` If the user (OTHER user) does not have execution permission for the files in the Oracle home directory (the same directory as that specified in the environment variable `ORACLE_HOME`), the user might not connect to the Oracle database. You can solve this problem by specifying `Y` for `sqlnet` when setting up an instance environment. For details about how to check the instance environment, see the chapter that describes how to update the instance environment in the *HiCommand Tuning Manager Installation Guide*. ▪ When any other value is displayed for `errcode` See the Oracle manual and take appropriate action.
KAVF12303-E	An attempt to allocate memory failed. (RecordName=*record-name*, Size=*size*)	Memory allocation for the indicated record failed. **(S)** Stops Agent Collector processing. **(O)** Increase the amount of available memory space.
KAVF12304-E	Semaphore is insufficient.	Semaphore is insufficient. **(S)** Stops Agent Collector processing. **(O)** Increase the semaphore value in the kernel parameter. For details about semaphore values, see the *HiCommand Tuning Manager Installation Guide*.
KAVF12305-E	*exception-name* exception raised. (Detail: *detailed-information*)	The indicated exception occurred. **(S)** Stops Agent Collector processing. **(O)** Collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.

Message ID	Message	Corrective Action
KAVF12306-W	An attempt to allocate memory failed. (RecordName=*record-name*, Size=*size*)	Memory allocation failed, because memory was insufficient. **(S)** Resumes Agent Collector processing. **(O)** Increase the amount of memory space available.
KAVF12401-W	An attempt to collect a record failed. (RecordName=*record-name*)	Collection of the indicated record failed. **(S)** Resumes Agent Collector processing. **(O)** If this message is issued repeatedly, check the system environment settings for the program being monitored. If you cannot identify the cause of the error, collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF12402-E	An unexpected abnormality occurred during the collection of records. (RecordName=*record-name*)	Record collecting has been cancelled due to an unexpected error. **(S)** Terminates Agent Collector processing. **(O)** Collect the maintenance information and then contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.

Message ID	Message	Corrective Action
KAVF12411-W	The listener's information cannot be collected. (ListenerName=*listener-name*)	The system was unable to collect the listener information indicated by *listener-name*. **(S)** Resumes Agent Collector processing. **(O)** An open or write error may have occurred on a work file. Check to see if there is enough disk space. If there is enough disk space, collect the maintenance information and then contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF12412-W	The listener does not exist. (ListenerName=*listener-name*)	The system was unable to collect the information, because the listener indicated by *listener-name* does not exist. **(S)** Resumes Agent Collector processing. **(O)** Check `listener_name` specified during the instance environment setup for any error.
KAVF12413-W	The listener is not running. (ListenerName=*listener-name*)	The system cannot collect the information because the listener indicated by *listener-name* is not active. **(S)** Resumes Agent Collector processing. **(O)** Start the listener.
KAVF12501-E	This Oracle Version is not supported.	The Oracle database version is not supported. **(S)** Cancels the script execution. **(O)** Check whether the version of the Oracle database you want to monitor is supported. You can monitor the Oracle database only if the version is supported.

Message ID	Message	Corrective Action
KAVF12502-E	The permission for monitoring the Oracle Database is insufficient.	The privilege is insufficient for monitoring the Oracle database. **(S)** Cancels the script execution. **(O)** If the user executing the script is not the one specified for `oracle_user`, have the user specified for `oracle_user` re-execute the script. If the user executing the script is the one specified for `oracle_user`, set the privileges for referencing and executing SYS schema objects for this user and then re-execute the script.
KAVF12504-E	An unexpected error occurred.	An unexpected error has occurred. **(S)** Cancels the script execution. **(O)** Collect the executed script and maintenance information, and then contact the system administrator.
KAVF12505-E	The script ended normally.	The script ended normally. **(S)** Ends the script execution.
KAVF12506-E	Script processing will now stop because an error occurred.	The script processing will stop because an error occurred. **(S)** Cancels the script execution. **(O)** The script processing stopped due to some error. For details about the cause of the error, see the message that is output after this message.
KAVF12507-E	The number of entered characters exceeded the maximum.	The length of the entered character string exceeded the maximum. **(S)** Cancels the script execution. **(O)** The character string that was entered was too long. You can enter a maximum of 30 bytes. Check and, if necessary, correct the entered value that caused the error, and then re-execute the script.

Message ID	Message	Corrective Action
KAVF12508-E	The entered value is invalid.	The entered value is invalid. **(S)** Cancels the script execution. **(O)** The entered value is invalid. Check the entered value, and then re-execute the script.
KAVF12509-E	A user with the same name already exists.	An account that has the same name already exists. **(S)** Cancels the script execution. **(O)** An account that has the specified name already exists in the database. Check and, if necessary, correct the account name, and then re-execute the script.
KAVF12510-E	The specified user name is invalid.	The specified account name is invalid. **(S)** Cancels the script execution. **(O)** The specified account name contains an invalid symbol. Check and, if necessary, correct the account name, and then re-execute the script.
KAVF12511-E	The password is not specified or is invalid.	The password is either not specified or invalid. **(S)** Cancels the script execution. **(O)** If you did not specify the password, specify it and re-execute the script. If you did specify the password, then that password contains an invalid symbol. Check and, if necessary, correct the password, and then re-execute the script.
KAVF12512-E	The password did not meet the necessary complexity specifications.	The password does not meet the requested complexity. **(S)** Cancels the script execution. **(O)** The specified password does not meet the complexity requested by Oracle. Check and, if necessary, correct the password, and then re-execute the script. Also contact the database administrator regarding the complexity required for the password.

Message ID	Message	Corrective Action
KAVF12513-E	The tablespace name is not specified.	The tablespace name is not specified. **(S)** Cancels the script execution. **(O)** The name of the default tablespace or default temporary tablespace is not specified. Specify the default tablespace name or the default temporary tablespace name, and then re-execute the script.
KAVF12514-E	The specified tablespace name is invalid.	The specified tablespace name is invalid. **(S)** Cancels the script execution. **(O)** The specified default tablespace name or default temporary tablespace name contains an invalid symbol. Check and, if necessary, correct the default tablespace name or default temporary tablespace name, and then re-execute the script.
KAVF12515-E	The specified tablespace does not exist.	The specified tablespace name does not exist. **(S)** Cancels the script execution. **(O)** The specified default tablespace or default temporary tablespace does not exist in the database. Check and, if necessary, correct the entered item, and then re-execute the script.
KAVF12516-E	The specified tablespace cannot be used as the default tablespace.	The specified tablespace name cannot be used for the default tablespace. **(S)** Cancels the script execution. **(O)** You specified the name of a tablespace, such as a temporary tablespace, that cannot be used as the default tablespace. Check and, if necessary, correct the default tablespace name, and then re-execute the script.

Message ID	Message	Corrective Action
KAVF12517-E	The specified tablespace cannot be used as the default temporary tablespace.	The specified tablespace name cannot be used for the default temporary tablespace. **(S)** Cancels the script execution. **(O)** You specified the name of a temporary tablespace, such as an UNDO tablespace, that cannot be used as the default temporary tablespace. Check and, if necessary, correct the default temporary tablespace name, and then re-execute the script.
KAVF12518-E	The permission for executing the script is insufficient.	You do not have sufficient permissions for executing the script. **(S)** Cancels the script execution. **(O)** Make sure that the `CREATE USER` and `GRANT ANY PRIVILEGE` system permissions are assigned to the Oracle account with which you attempted to execute the script. If that account does not have the necessary permissions, grant the necessary permissions to the account, or use a different account that has the necessary permissions to re-execute the script.
KAVF12519-E	Failed to output to Agent log. *OS-function* failed. Error code = *error-code*.	An attempt to output an Agent log has failed. The indicated OS function failed due to the error indicated by *error-code*. **(S)** Continues Agent Collector processing. Subsequent Agent logs will not be collected until the error has been corrected. **(O)** Check the output destination path of the Agent log and access permissions.

Message ID	Message	Corrective Action
KAVF12600-E	An error occurred in OS function *function-name*. (rc=*error-code*)	An error occurred during execution of the function indicated by *function-name*. *error-code* is a value returned by the system call. **(S)** Continues Agent Collector processing. **(O)** Make sure that the OS has sufficient resources and that no errors have occurred in the OS. If this message is issued repeatedly, check the system environment settings for the program being monitored. If you cannot identify the cause of the error, collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF12601-I	Agent : Started : Collecting records.	Agent has started collecting records. **(S)** Continues Agent Collector processing.
KAVF12602-I	Agent : Started : Sending a request to the collector. (*process-ID*)	Agent has started sending a processing request to the collector with the ID indicated by *process-ID*. **(S)** Continues Agent Collector processing.
KAVF12603-I	Collector : Started : Receive a request.	The collector process has started receiving a processing request from Agent. **(S)** Continues Agent Collector processing.
KAVF12604-I	Agent : Ended : Sending a request to the collector. (*process-ID*)	Agent has finished sending a processing request to the collector with the ID indicated by *process-ID*. Agent will now wait for the results. **(S)** Continues Agent Collector processing.

Message ID	Message	Corrective Action
KAVF12605-I	Collector : Ended : Receive a request. (*record-name*)	The collector process has finished receiving a processing request for the *record-name* from Agent. **(S)** Continues Agent Collector processing.
KAVF12606-I	Agent : Waiting for the results.	Agent is waiting for the results from the collector process. **(S)** Continues Agent Collector processing.
KAVF12607-I	Collector : Started : Sending the results.	The collector process has finished accessing the Oracle database, and has started sending the results to Agent. **(S)** Continues Agent Collector processing.
KAVF12608-I	Agent : Received the results.	Agent has finished receiving the results from the collector process. **(S)** Continues Agent Collector processing.
KAVF12609-I	Collector : Ended : Sending the results.	The collector process has finished sending the results to Agent. **(S)** Continues Agent Collector processing.
KAVF12610-I	Agent : Started : Storing the results to the Store DB. (*record-name*) count=*number-of-records*	Agent has started storing the records indicated by *record-name* in the Store database. The number of records to be stored is indicated by *number-of-records*. **(S)** Continues Agent Collector processing.
KAVF12611-I	Agent : Ended : Storing the results to the Store DB. (*record-name*)	Agent has finished storing the records indicated by *record-name* in the Store database. **(S)** Continues Agent Collector processing.
KAVF12612-I	Agent : Ended : Collecting records.	Agent has finished collecting records. **(S)** Continues Agent Collector processing.

Message ID	Message	Corrective Action
KAVF12613-W	The object to be monitored is not available. (host=*host-name*, service=*service-ID*)	Agent for Oracle cannot connect to the Oracle server to be monitored. **(S)** Continues Agent Collector processing. **(O)** 1. Check whether the Oracle Database has started. 2. Also make sure that the following items were correctly specified during setup of the instance environment: ▪ `oracle_sid` ▪ `oracle_home` ▪ `oracle_user` ▪ `oracle_passwd`
KAVF12614-E	The environment variable [*environment-variable*] could not be set.	Agent for Oracle was unable to set the indicated environment variable. **(S)** Stops Agent Collector processing. **(O)** Collect maintenance information and contact the system administrator.
KAVF12615-W	External command could not be called while collecting *record-name*. (Command=*command-line*)	The indicated external command call failed. **(S)** Continues Agent Collector processing. **(O)** Check that the OS and Oracle are running normally. Make sure that the command that is output to the command line can be executed.
KAVF12616-E	While executing *function-name* function *called-function-name* failed.	An error occurred during execution of the function indicated by *function-name*. **(S)** Stops Agent Collector processing. **(O)** Collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.

Message ID	Message	Corrective Action
KAVF12617-E	Error occurred by function *function-name*. (en=*error-code*, arg1=*argument-1*, arg2=*argument-2*, arg3=*argument-3*)	An error occurred during execution of the function indicated by *function-name*. **(S)** Stops Agent Collector processing. **(O)** Collect maintenance information and contact the system administrator.
KAVF12618-E	Processing was interrupted by signal. (signal=*signal-number*)	Processing was interrupted by the indicated signal. **(S)** Stops Agent Collector processing. **(O)** Collect maintenance information and contact the system administrator.
KAVF12619-W	At Agent Collector startup, the system could not connect to Oracle. (rc=*return-code*)	Connection establishment with the Oracle server failed. **(S)** Continues Agent Collector processing. **(O)** Take the appropriate action indicated in the message that follows this message.

Message ID	Message	Corrective Action
KAVF12620-W	An OCI call failed because of function *function-name*. (rc=*return-code*, errcode=*error-number*)	OCI call resulted in an error during connection establishment with the Oracle server. **(S)** Continues Agent Collector processing. **(O)** Take action based on the Oracle error number indicated for *errcode*. If `942` is indicated for *errcode*, check whether an attempt was made to collect a record that cannot be collected in the current configuration. If `6550` is indicated for *errcode*, confirm the procedure by referring to the chapter in the *HiCommand Tuning Manager Installation Guide* that describes how to register an object in Oracle database. If `1013` is indicated for *errcode*, collection of the performance data might have been canceled because the maximum access time for the monitored Oracle database, which is allowed during record creation, is set. Check whether the `KAVF12636-I` message has been output to the normal log file of the agent log. To prevent the collection of the performance data from being canceled, check and revise the timeout value. For details about how to do this, see the *HiCommand Tuning Manager Installation Guide*. If any other number is indicated for *errcode*, see the Oracle manual and take appropriate action.
KAVF12621-E	An attempt to allocate memory failed. (RecordName=*record-name*, Size=*size*)	Memory allocation for the indicated record failed. **(S)** Stops Agent Collector processing. **(O)** Increase the amount of memory space available.
KAVF12622-E	*exception-name* exception raised. (Detail: *detailed-information*)	The indicated exception occurred. **(S)** Stops Agent Collector processing. **(O)** Collect maintenance information and contact the system administrator.

Message ID	Message	Corrective Action
KAVF12623-W	An attempt to allocate memory failed. (RecordName=*record-name*, Size=*size*)	Memory allocation for the indicated record failed. **(S)** Continues Agent Collector processing. **(O)** Increase the amount of memory space available.
KAVF12624-W	An attempt to collect a record failed. (RecordName=*record-name*)	An attempt to collect the record indicated by *record-name* failed. **(S)** Continues Agent Collector processing. **(O)** If this message appears repeatedly, check the settings of the system environment being monitored. If you cannot identify the cause of the error, collect maintenance information and contact the system administrator.
KAVF12625-E	An unexpected abnormality occurred during the collection of records. (RecordName=*record-name*)	Record collecting has been canceled due to an unexpected error. **(S)** Continues Agent Collector processing. **(O)** Collect maintenance information and contact the system administrator.
KAVF12626-W	The listener's information cannot be collected. (ListenerName=*listener-name*)	Information about the listener indicated by *listener-name* cannot be collected. **(S)** Continues Agent Collector processing. **(O)** An open or write error may have occurred on a work file. Check whether there is sufficient free space on the disk. If there is enough disk space, collect the maintenance data and then contact the system administrator.

Message ID	Message	Corrective Action
KAVF12627-W	The listener does not exist. (ListenerName=*listener-name*)	Information cannot be collected because the listener indicated by *listener-name* does not exist. **(S)** Continues Agent Collector processing. **(O)** Make sure that `listener_name` was specified correctly during setup of the instance environment.
KAVF12628-W	The listener is not running. (ListenerName=*listener-name*)	The system was unable to collect the information because the listener indicated by the listener name was not active. **(S)** Continues Agent Collector processing. **(O)** Start the listener.
KAVF12629-I	Agent log. path = *Agent-log-output-folder-path*	The system has recorded that the path for Agent log output is the folder indicated by *Agent-log-output-folder-path*. **(S)** Continues Agent Collector processing.
KAVF12630-W	Agent property *property-name* is outside injustice or the range. (Range: *range-value*)	An invalid value or a value outside the valid range is specified for a property of the Agent Collector service. **(S)** Invalidates the specified value and continues Agent Collector processing. The value of the indicated property remains unchanged. If the TIMEOUT property is set to a value in the range 1 - 9, the value is replaced with a value of 10. **(O)** Check the specified value. If there is a problem with the specified value, specify an appropriate value.

Message ID	Message	Corrective Action
KAVF12631-E	An error occurred: *error-details*	An error occurred during Agent Collector service processing. **(S)** Stops Agent Collector processing. **(O)** Make sure that the OS has sufficient resources and that no errors have occurred in the OS. If this message is issued repeatedly, check the system environment settings for the program being monitored. If you cannot identify the cause of the error, collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF12632-W	A warning-level error occurred: *warning-error-details*	A warning error occurred during Agent Collector service processing. **(S)** Continues Agent Collector processing. **(O)** Make sure that: ▪ The OS has sufficient resources. ▪ No errors have occurred in the OS. ▪ The system environment to be monitored is set up correctly.
KAVF12633-W	Can't get data from Oracle.	Information in the Oracle database could not be obtained. **(S)** Cannot connect to Oracle database. **(O)** Check whether the Oracle database is running normally. Also, check whether the information set during the instance setup is correct.

Message ID	Message	Corrective Action
KAVF12634-W	Getting record error (*record-name*). This record is only in drilldown reports.	The record indicated in *record-name* could not be obtained. This record is displayed only in drilldown reports. **(S)** Continues processing the Agent Collector service. **(O)** Associate this record with a record whose fields contain the key field unique to the above record so that it is displayed in drilldown reports. For details on how to define and display drilldown reports, see the manual *HiCommand Tuning Manager User's Guide*.
KAVF12635-I	Agent : Elapsed time *required-time* sec. (*record-name*)	The number of seconds required for collecting the record indicated in *record-name* will be recorded. **(S)** Continues Agent Collector processing.
KAVF12636-I	The cancellation of the record collection (*record-name*) by the time-out was accepted.	The collection of the performance data was canceled because access to the monitored Oracle Database (when the record indicated in *record-name* was being generated) timed out. Cancellation (caused by a timeout) of collection of the record indicated in *record-name* was accepted. **(S)** Continues Agent Collector processing.
KAVF12637-I	The cancel function is not used. (Oracle Version=*version*)	The function for canceling record collection cannot be used in the Oracle version indicated in *version*. **(S)** Continues Agent Collector processing.

4.7 Agent Messages (Agent for RAID)

This section lists the output destinations of Agent for RAID messages, lists the messages output to syslog and the Windows event log, and lists and explains the messages.

4.7.1 Message Output Destinations (Agent for RAID)

Table 4.13 lists the output destinations of the messages issued by Agent for RAID.

Table 4.13 Output Destinations of Agent for RAID Messages

Output Destinations	Message ID
▪ Common message log	KAVF18101, KAVF18103, KAVF18104, KAVF18109, KAVF18111, KAVF18113, KAVF18117 - KAVF18127, KAVF18200 - KAVF18204, KAVF18206 - KAVF18210, KAVF18212, KAVF18500 - KAVF18504, KAVF18508, KAVF18509, KAVF18511 - KAVF18513, KAVF18600 - KAVF18604, KAVF18608, KAVF18609, KAVF18613, KAVF18616 - KAVF18619, KAVF18622, KAVF18624, KAVF18625, KAVF18631, KAVF18633, KAVF18635
▪ Common message log ▪ Standard error output	KAVF18115, KAVF18710, KAVF18742, KAVF18743
▪ Common message log ▪ Standard output	KAVF18850
▪ Common message log ▪ Standard error output ▪ syslog ▪ Windows event log	KAVF18114, KAVF18116, KAVF18722, KAVF18724, KAVF18731, KAVF18740, KAVF18741, KAVF18804 - KAVF18808, KAVF18810, KAVF18811
▪ Common message log ▪ Standard output ▪ syslog ▪ Windows event log	KAVF18700, KAVF18701, KAVF18800, KAVF18801
▪ Common message log ▪ syslog ▪ Windows event log	KAVF18000 - KAVF18004, KAVF18100, KAVF18102, KAVF18105 - KAVF18108, KAVF18110, KAVF18211, KAVF18505, KAVF18506, KAVF18605, KAVF18606, KAVF18612, KAVF18614, KAVF18620, KAVF18621, KAVF18623, KAVF18626, KAVF18627, KAVF18629, KAVF18630, KAVF18632, KAVF18634
▪ Standard error output	KAVF18452 - KAVF18459, KAVF18721, KAVF18812, KAVF188851, KAVF188852, KAVF188855, KAVF18856, KAVF188858 - KAVF18871, KAVF18873 - KAVF18877
▪ Standard output	KAVF18450, KAVF18451

4.7.2 Messages Output to Syslog and the Windows Event Log (Agent for RAID)

This section lists the messages that Agent for RAID outputs to syslog and to the Windows event log.

System log events are output to the syslog file. For information about where the syslog file is stored, see the syslog daemon configuration file (default path is `/etc/syslogd.conf`).

The Windows event log is displayed as an application log in the Event Viewer window.

To open the Event Viewer window in Windows 2000, from the Windows **Start** menu, choose **Settings**, **Control Panel**, **Administrative Tools**, and then **Event Viewer**.

To open the Event Viewer window in Windows Server 2003, from the Windows **Start** menu, choose **Administrative Tools**, and then **Event Viewer**.

In the case of an event issued by Agent for RAID, the identifier `PFM-RAID` is displayed in the **Source** column of the Event Viewer window.

Table 4.14 lists the messages that Agent for RAID outputs to syslog and to the Windows event log.

Table 4.14 Messages Output to Syslog and Windows Event Log

Message ID	Syslog		Windows Event Log	
	Facility	Level	Event ID	Type
KAVF18000-I	LOG_DAEMON	LOG_INFO	18000	Information
KAVF18001-I			18001	
KAVF18002-E		LOG_ERR	18002	Error
KAVF18003-E			18003	
KAVF18004-E			18004	
KAVF18100-E			18100	
KAVF18102-E			18102	
KAVF18105-E			18105	
KAVF18106-E			18106	
KAVF18107-E			18107	
KAVF18108-E			18108	
KAVF18110-E			18110	
KAVF18114-E			18114	
KAVF18116-E			18116	
KAVF18211-E	LOG_USER		18211	

Message ID	Syslog		Windows Event Log	
	Facility	Level	Event ID	Type
KAVF18505-E	LOG_DAEMON		18505	
KAVF18506-E			18506	
KAVF18605-E			18605	
KAVF18606-E			18606	
KAVF18612-E			18612	
KAVF18614-E			18614	
KAVF18620-E			18620	
KAVF18621-E	LOG_DAEMON	LOG_ERR	18621	Error
KAVF18623-E			18623	
KAVF18626-E			18626	
KAVF18627-E			18627	
KAVF18629-E			18629	
KAVF18630-E			18630	
KAVF18632-E			18632	
KAVF18634-E			18634	
KAVF18700-I	LOG_USER	LOG_INFO	18700	Information
KAVF18701-I			18701	
KAVF18722-E		LOG_ERR	18722	Error
KAVF18724-E			18724	
KAVF18731-E			18731	
KAVF18740-E			18740	
KAVF18741-E			18741	
KAVF18800-I		LOG_INFO	18800	Information
KAVF18801-I			18801	
KAVF18804-E		LOG_ERR	18804	Error
KAVF18805-E			18805	
KAVF18806-E			18806	
KAVF18807-E			18807	
KAVF18808-E			18808	
KAVF18810-E			18810	
KAVF18811-E			18811	

4.7.3 Messages (Agent for RAID)

Table 4.15 explains the messages issued by Agent for RAID, and explains what actions to take in response to the messages.

Table 4.15 Messages Issued by Agent for RAID

Message ID	Message	Corrective Action
KAVF18000-I	Agent Collector has started. (host=*host-name*, service=*service-ID*)	Starting and initializing the Agent Collector service has finished. **(S)** Starts collecting the performance data.
KAVF18001-I	Agent Collector has stopped. (host=*host-name*, service=*service-ID*)	The Agent Collector service stopped due to the stop request of the `jpcstop` command or the Windows service termination. **(S)** Stops the Agent Collector service.
KAVF18002-E	Agent Collector could not start. (rc=*maintenance-code*)	Agent Collector service processing cannot continue because starting and initializing the Agent Collector service failed. **(S)** Stops the Agent Collector service. **(O)** Check syslog (in UNIX), eventlog (in Windows), or the immediately preceding message that was output to the common message log, and follow the instructions.
KAVF18003-E	Agent Collector has aborted. (rc=*maintenance-code*)	The Agent Collector service processing cannot continue because a fatal error occurred during the operation. **(S)** Stops the Agent Collector service. **(O)** Check syslog (in UNIX), eventlog (in Windows), or the immediately preceding message that was output to the common message log, and follow the instructions.

Message ID	Message	Corrective Action
KAVF18004-E	The service cannot be started because it is already running. (instance=*instance-name*)	The service is already running. You cannot run a duplicated service. **(S)** Cancels the launch of the service. **(O)** Use the `jpcctrl list` command to check the running status of the service.
KAVF18100-E	Insufficient system resources. (name=*API-name*, rc=*error-code*)	System resources, such as memory or handles, are insufficient. Resources required for the system are insufficient, or the system is unstable because of a resource leak by another application. The name indicated in *API-name* is the API which detected the insufficiency of the system resource. The error code indicated in *error-code* can be obtained by using `errno` (for a system call or the runtime library of C) or `GetLastError` (for Win32API). **(S)** If this error occurs during startup processing, the Agent Collector service ends abnormally. If this error occurs after startup has finished (that is, during operation), the Agent service continues monitoring as much as possible, but all operations or requests will be rejected. Also, updating the performance data that was to be obtained at this point will be postponed. **(O)** Reserve the system resource.

Message ID	Message	Corrective Action
KAVF18101-E	An error occurred in an OS API. (name=*API-name*, error =*error-code*)	An error occurred in an API of the OS. Error code indicated in *error-code* can be obtained by using `errno` (for a system call or the runtime library of C) or `GetLastError` (for Win32API). **(S)** If this error occurs during startup processing, the Agent Collector service ends abnormally. If this error occurs after startup has finished (that is, during operation), the Agent service continues monitoring as much as possible, but all operations or requests will be rejected. Also, updating the performance data that was to be obtained at this point will be postponed. **(O)** The cause of the error might be determined from the *API-name* and the API *error-code*. If you cannot determine the cause of the problem, or if the error does not recover because a problem occurs frequently, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF18102-E	An error occurred in a function. (name=*function-name*, rc=*return-value*)	A function error occurred in the function interface between the internal controls. **(S)** Aborts the Agent Collector service. **(O)** Collect maintenance information by using the `jpcras` command, and then contact the system administrator.

Message ID	Message	Corrective Action
KAVF18103-E	A file or directory cannot be accessed. (path=*path*)	An error occurred other than disk space insufficiency during the processing for creating, deleting, reading, or writing a file. The cause may be one of the following: ▪ The file does not exist. ▪ You do not have access permission. ▪ The file system is unmounted. ▪ The path specification has a syntax error: UNIX syntax is used for a Windows path, or Windows syntax is used for a UNIX path. **(S)** If this error occurs during startup processing, the Agent Collector service ends abnormally. If this error occurs after startup has finished (that is, during operation), the Agent service continues monitoring as much as possible, but all the operations or requests will be rejected. Also, updating the performance data that was to be obtained at this point will be postponed. **(O)** Check the status of the path indicated in *path* and correct the error.
KAVF18104-E	An attempt to create a file or directory failed. (path=*path*, rc=*return-value*)	Creating or extending a file or directory failed. **(S)** If this error occurs during startup processing, the Agent Collector service ends abnormally. If this error occurs after startup has finished (that is, during operation), the Agent service continues monitoring as much as possible, but all operations or requests will be rejected. Also, updating the performance data that was to be obtained at this point will be postponed. **(O)** Check the file or the directory indicated in *path* and then remove the error cause.

Message ID	Message	Corrective Action
KAVF18105-E	The system environment is incorrect. (rc=*maintenance-code*)	The system environment is invalid. This message is output when the installation or the setup is incomplete, or when the system file or the registry was deleted or changed incorrectly. If you cannot use a message catalog, messages are output in English even in a Japanese environment. **(S)** Aborts the Agent Collector service. **(O)** Reinstall the system, or back up all the required data and uninstall the programs, and then reinstall the system. If you cannot determine the cause of the problem, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF18106-E	A prerequisite program product is not installed correctly. (rc=*maintenance-code*)	The installation environment for the prerequisite program is invalid. This message is output when the installation or the setup of the prerequisite program is incomplete, or when the registry was deleted or changed incorrectly. **(S)** Aborts the Agent Collector service. **(O)** Reinstall the prerequisite program. If you cannot determine the cause of the problem, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF18107-E	Processing was interrupted by a signal. (signal=*signal-number*)	The processing of the Agent Collector service was stopped because a signal was received. **(S)** Stops the Agent Collector service.

Message ID	Message	Corrective Action
KAVF18108-E	Permission denied. (rc=*error-code*)	Execution permissions are insufficient. **(S)** Stops the Agent Collector service. **(O)** Confirm that: ▪ The user allocated to the service account is a member of the Administrators group (in Windows). ▪ The user running this service has root user permissions (in UNIX).
KAVF18109-W	The storage name could not be acquired. (rc=*return-code*, vendor id=*vendor-id*, raid id=*raid-id*)	The storage name could not be acquired from the product map file (`ProductMap.dat`). Possible causes are as follows: ▪ The monitored storage subsystem is not supported. ▪ The product map file does not exist or the contents of the product map file are incorrect. **(S)** Outputs a warning message, and continues processing for the Agent Collector service. **(O)** Depending on the cause, take either or both of the following actions: ▪ Make sure that the monitored storage subsystem is a supported model. ▪ Reinstall Agent for RAID. If you cannot resolve the problem, collect maintenance information by using the `jpcras` command, and then contact the system administrator.

Message ID	Message	Corrective Action
KAVF18110-E	An attempt to acquire the cluster definition information failed. (path=*path*, rc=*return-code*)	Information could not be obtained from the cluster definition file (`jpcagtha.ini`). **(S)** Aborts the Agent Collector service. **(O)** Confirm the following: ▪ The cluster definition file resides in the designated directory. ▪ The read and write access permission is specified for the cluster definition file. ▪ The contents of the cluster definition file are valid.
KAVF18111-W	The port name could not be acquired. (rc=*return-code*, vendor id=*vendor-id*, raid id=*raid-id*, port=*port-number*)	The port name could not be acquired from the port map file. Possible causes are as follows: ▪ The monitored storage subsystem is not supported. ▪ The port map file does not exist or the contents of the port map file are incorrect. **(S)** Outputs a warning message, and continues processing for the Agent Collector service. **(O)** Depending on the cause, take either or both of the following actions: ▪ Make sure that the monitored storage subsystem is a supported model. ▪ Reinstall Agent for RAID. If you cannot resolve the problem, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF18113-W	Processing was interrupted by a signal. (signal=*signal-number*)	Processing of the Agent Collector service stopped because a signal was received while the Agent Collector service was running. (S) Stops the Agent Collector service.

Message ID	Message	Corrective Action
KAVF18114-E	Processing was interrupted by a signal. (signal=*signal-number*)	Processing of the command stopped because a signal was received while the command was executing. **(S)** Stops the command.
KAVF18115-W	Processing was interrupted by a signal. (signal=*signal-number*)	Processing of the command stopped because a signal was received while the command was executing. **(S)** Stops the command.
KAVF18116-E	System resources are insufficient. (name=*API-name*, rc=*return-value*, error=*error-number*)	System resources, such as memory or handles, are insufficient. Resources required for the system are insufficient, or the system is unstable because of a resource leak by another application. The name indicated in *API-name* is the API that detected the insufficiency of the system resource. The error code indicated in *error-code* can be obtained by using `errno` (for a system call or the runtime library of C) or `GetLastError` (for Win32API). **(S)** Stops command execution. **(O)** Reserve the system resource.

Message ID	Message	Corrective Action
KAVF18117-I	The agent refreshes the storage configuration information at the following times. (instance=*instance-name*, times=*scheduled-collection-times*)	Configuration information for the storage system is collected only at times defined in the collection time definition file (`conf_refresh_times.ini`). In *scheduled-collection-times*, the scheduled time is displayed at which configuration information is collected. A maximum of 12 scheduled times are displayed in the message. If there is no valid time defined in the collection time definition file, `None` is displayed for *scheduled-collection-times*. If `None` is displayed, configuration information will not be collected after the service-startup time, when the configuration information is collected, regardless of the information contained in the definition file. **(S)** Agent for RAID collects configuration information for the storage subsystem only at times defined in the collection time definition file. Also, collection of the configuration information, which is performed periodically when a record of the PD record type (see ***Note***) is created, is canceled. ***Note:*** This is not applied to the CLPR Configuration (`PD_CLPC`) records, Pool Configuration (`PD_PLC`) records, and Virtual Volume Configuration (`PD_VVC`) records.
KAVF18118-E	The content of the collection time definition file is invalid. (instance=*instance-name*, line=*line-number*, error-code=*error-code*)	The contents of the collection time definition file (`conf_refresh_times.ini`) are invalid. **(S)** Continues processing for the Agent Collector service. However, configuration information for the storage subsystem will not be collected at the time defined in the line indicated by *line-number* in the collection time definition file. **(O)** Modify the contents of the collection time definition file, and then restart Agent for RAID.

Message ID	Message	Corrective Action
KAVF18119-E	An attempt to access the collection time definition file has failed. (instance=*instance-name*, errno=*error-number*)	An error occurred when the collection time definition file (`conf_refresh_times.ini`) was accessed. **(S)** Continues processing for the Agent Collector service. However, configuration information for the storage subsystem will not be collected at the times defined in the collection time definition file. The configuration information will be collected periodically when a record of the PD record type is created. **(O)** Possible causes of this error are as follows: ▪ You do not have access permissions. ▪ The file system is unmounted. ▪ The path that should be to a file is to a directory (the environment is invalid). Remove the cause of the error, and then restart Agent for RAID. If the error cannot be resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF18120-I	An attempt to refresh the storage configuration information by using the `jpctdrefresh` command was successful. (instance=*instance-name*)	An attempt to collect configuration information for the storage subsystem by executing the `jpctdrefresh` command was successful. **(S)** Continues processing for the Agent Collector service.

Message ID	Message	Corrective Action
KAVF18121-E	An attempt to refresh the storage configuration information by using the `jpctdrefresh` command has failed. (instance=*instance-name*)	An attempt to collect configuration information for the storage subsystem by using the `jpctdrefresh` command has failed. **(S)** Does not collect configuration information for the storage subsystem. **(O)** Follow the instructions given by the message that was output to the common message log at the same time as this message. If the error cannot be resolved, contact the system administrator.
KAVF18122-E	An attempt to access the `refresh.dat` file has failed. (instance=*instance-name*, errno=*error-number*)	An error occurred when the internal file (`refresh.dat`), which was created when the `jpctdrefresh` command was executed, was accessed. **(S)** Continues processing for the Agent Collector service without collecting configuration information for the storage subsystem. **(O)** Restart Agent for RAID. If this message still appears even after Agent for RAID is restarted, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF18123-I	The logical device filtering function is enabled. (instance=*instance-name*)	The logical device filtering function, which is used to specify logical devices as monitoring targets, was enabled. From among logical devices included in the storage subsystem, only the logical devices that are defined in the logical device definition file (`ldev_filter.ini`) will be monitored. **(S)** The Agent Collector service continues running, while the logical device filtering function is enabled, until the service stops.

Message ID	Message	Corrective Action
KAVF18124-I	An attempt to read the logical device definition file was successful. (instance=*instance-name*, valid line count=*number-of-valid-lines*, invalid line count=*number-of-invalid-lines*)	From the logical device definition file (`ldev_filter.ini`), logical device numbers of the logical devices that are to be monitored were read. The value displayed in *number-of-valid-lines* indicates the number of logical devices that were correctly set as monitoring targets. If the same logical device number is defined more than once in the logical device definition file, those definitions are counted and displayed as one device file for *number-of-valid-lines*. If a value of 1 or more is displayed in *number-of-invalid-lines*, any of the following problems might have occurred. ▪ The format of the logical device number defined in the logical device definition file is invalid. ▪ The logical device definition file contains a multi-byte character. Note that the following lines are not counted as *number-of-valid-lines*, or *number-of-invalid-lines*. ▪ A line that begins with a single byte hash mark (#). ▪ A line in which no characters are entered. **(S)** The Agent Collector service only monitors as many logical devices as counted in *number-of-valid-lines*. **(O)** If a value of 1 or more is displayed in *number-of-invalid-lines*, check the contents of the logical device definition file. If there is no problem with the contents of the file, you can leave the service running. If there is a problem, modify the logical device definition file, and then restart Agent for RAID.

Message ID	Message	Corrective Action
KAVF18125-W	Valid values are not specified in the logical device definition file. (instance=*instance-name*)	In the logical device definition file (`ldev_filter.ini`), there are no defined logical device numbers that can be set as the monitoring target. **(S)** The Agent Collector service continues running while the logical device filtering function is enabled. However, no logical devices will be monitored. **(O)** If there is no problem with the contents of the logical device definition file, you can leave the service running. If there is a problem, modify the logical device definition file, and then restart Agent for RAID.
KAVF18126-W	The logical device filtering function is disabled because an attempt to access the logical device definition file has failed. (instance=*instance-name*, errno = *error-number*)	An error occurred when the logical device definition file (`ldev_filter.ini`) was accessed. **(S)** Continues processing for the Agent Collector service. However, the logical device filtering function, which is used to specify logical devices as monitoring targets, will be disabled. Agent for RAID monitors all logical devices that can be monitored. **(O)** Possible causes of this error are as follows: ▪ You do not have access permissions. ▪ The file system is unmounted. ▪ The path that should be to a file is to a directory. (the environment is invalid) Remove the cause of the error, and then restart Agent for RAID. If the error cannot be resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.

Message ID	Message	Corrective Action
KAVF18127-W	The logical device filtering function is disabled because the content of the logical device definition file is invalid. (instance=*instance-name*, line=*line-number*, error-code=*error-number*)	An error occurred while the logical device definition file (`ldev_filter.ini`) was being read. The length of a character string contained in a line of the logical device definition file might exceed 1,024 bytes. **(S)** Continues processing for the Agent Collector service. However, the logical device filtering function, which is used to specify logical devices as monitoring targets, will be disabled. Agent for RAID monitors all logical devices that can be monitored. **(O)** Correct the content of the logical device definition file, and then restart Agent for RAID.
KAVF18200-I	The configuration information collection process has started. (instance name =*instance-name*)	The child process for collecting configuration information for the storage subsystem has started. **(S)** Starts configuration information collection processing performed in the child process.
KAVF18201-I	The configuration information collection process has stopped. (instance name=*instance-name*)	According to a stop request from the Agent Collector service, the child process for collecting configuration information for the storage subsystem has stopped. **(S)** Stops configuration information collection processing performed in the child process.
KAVF18202-E	An attempt to start the configuration information collection process has failed. (instance name=*instance-name*)	An attempt to start the child process for collecting configuration information for the storage subsystem has failed. **(S)** Stops the Agent Collector service. **(O)** Collect maintenance information by using the `jpcras` command, and then contact the system administrator.

Message ID	Message	Corrective Action
KAVF18203-E	Agent Collector detected that the configuration information collection process stopped. (instance name=*instance-name*)	The child process for collecting configuration information for the storage subsystem has stopped. **(S)** If the Agent Collector service is running, it restarts the child process for collecting configuration information for the storage subsystem.
KAVF18204-E	The configuration information collection process detected that the Agent Collector stopped. (instance name=*instance-name*)	The Agent Collector service has stopped. **(S)** Stops the child process for collecting the configuration information of the storage subsystem. **(O)** Check `syslog` (for UNIX) or eventlog (for Windows), or check the Agent Collector service message that was output to the common message log, and follow the instructions.
KAVF18206-E	An attempt to initialize inter-process communication has failed. (process=*process-type*, instance name=*instance-name*)	Initialization of interprocess communication has failed. **(S)** Stops the Agent Collector service. **(O)** Collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF18207-E	An attempt to send an inter-process communication message has failed. (sender process=*process-type*, instance name=*instance-name*)	The message could not be sent between processes. **(S)** The Agent service tries to continue monitoring as much as possible, but a series of operations or requests will be rejected, and the update of configuration information for the storage subsystem, which were planned to be acquired at this timing, will be postponed. **(O)** If this error recurs frequently, collect maintenance information by using the `jpcras` command, and then contact the system administrator.

Message ID	Message	Corrective Action
KAVF18208-E	An attempt to receive an inter-process communication message has failed. (receiver process=*process-type*, instance name=*instance-name*)	The message could not be received between processes. **(S)** Restarts the child process for collecting the configuration information of the storage subsystem, and then continues the Agent Collector service. **(O)** If this error recurs frequently, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF18209-E	An attempt to obtain a semaphore has failed. (process=*process-type*, instance name=*instance-name*)	An attempt to acquire the semaphore for interprocess communication has failed. **(S)** Stops the Agent Collector service. **(O)** Check the kernel parameters for semaphores and specify valid information. For details about semaphore values, see the *HiCommand Tuning Manager Installation Guide*.
KAVF18210-E	An inter-process communication lock has failed. (process=*process-type*, instance name=*instance-name*)	An attempt to acquire exclusive control of interprocess communication has failed. **(S)** Restarts the child process for collecting the configuration information of the storage subsystem, and then continues the Agent Collector service. **(O)** If this error recurs frequently, collect maintenance information by using the `jpcras` command, and then contact the system administrator.

Message ID	Message	Corrective Action
KAVF18211-E	Processing was interrupted by a signal. (signal=*signal-number*)	The processing of the child process for collecting the configuration information of the storage subsystem was stopped because a signal was received while the child process had been running. **(S)** If the Agent Collector service is running, the Agent Collector service restarts the child process for collecting the configuration information of the storage subsystem.
KAVF18212-W	Processing was interrupted by a signal. (signal=*signal-number*)	The processing of the child process for collecting the configuration information of the storage subsystem was stopped because a signal was received while the child process had been running. **(S)** If the Agent Collector service is running, the Agent Collector service restarts the child process for collecting the configuration information of the storage subsystem.
KAVF18450-I	An attempt to register a request to refresh the storage configuration information was successful.	A request for collecting configuration information of the storage subsystem was registered. The configuration information will be collected when the immediately following periodic information collection that is based on `Collection Interval` occurs. **(S)** Stops command execution.
KAVF18451-I	A request to refresh the storage configuration information has already been registered.	A request for collecting the configuration information of the storage subsystem has already been registered. **(S)** Stops command execution.
KAVF18452-E	An invalid option is specified.	An unrecognized option has been specified for the command. **(S)** Stops command execution. **(O)** Check the command line, and then re-execute the command.

Message ID	Message	Corrective Action
KAVF18453-E	A required option is not specified.	A mandatory option is not specified. **(S)** Stops command execution. **(O)** Check the command line, and then re-execute the command.
KAVF18454-E	The specified instance name is not set up. (instance name=*instance-name*)	The instance corresponding to the specified instance name could not be found. The instance name or logical host might not be specified properly. **(S)** Stops command execution. **(O)** Check the command line, and then re-execute the command.
KAVF18455-E	The specified logical host name is invalid. (lhost name=*logical-host-name*)	The specified logical host has not been set up. **(S)** Stops command execution. **(O)** Check the command line, and then re-execute the command.
KAVF18456-E	The agent environment is invalid.	Either the Agent for RAID installation or setup was not performed properly, or the installation environment is corrupt. **(S)** Stops command execution. **(O)** Either re-install Agent for RAID or perform setup for the instance again, and then re-execute the command.
KAVF18457-E	The current directory is not correct.	The current directory is incorrect. **(S)** Stops command execution. **(O)** Move the current directory to the correct location, and then re-execute the command.

Message ID	Message	Corrective Action
KAVF18458-E	The environment directory cannot be accessed. (dir=*directory-name*)	You cannot access the environment directory. **(S)** Stops command execution. **(O)** Possible causes of this error are as follows: ▪ There is no environment directory for the specified logical host. ▪ The command was executed on the standby node. Resolve the problem, and then re-execute the command.
KAVF18459-E	You do not have permission to execute the command.	You do not have the permission to execute the command. **(S)** Stops command execution. **(O)** Check your permission for the command execution.
KAVF18500-E	Internal error. (rc=*error-code*)	An error occurred in the internal command. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.

Message ID	Message	Corrective Action
KAVF18501-E	A command device cannot be connected. (device=*command-device-file-name*)	Cannot connect to the command device. **(S)** The Agent service continues monitoring as much as possible, but all the operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Confirm that: ▪ The fiber cable or power supply switch for the RAID system has no problems. ▪ The name of the command device file is correct. ▪ The account privilege for starting the Agent is the root privilege (in UNIX) or the user is a member of the Administrators group (in Windows). ▪ The RAID Manager LIB has been installed correctly (in UNIX).
KAVF18502-E	The command device cannot be detached. (device=*command-device-file-name*)	The command device could not be detached. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Confirm that: ▪ The fiber cable or power supply switch for the RAID system has no problems. ▪ The name of the command device file is correct.

Message ID	Message	Corrective Action
KAVF18503-E	I/O error on the command device. (device=*command-device-file-name*)	I/O processing on the command device failed, or the processing was rejected. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Confirm that: ▪ The fiber cable or port status for the RAID system has no problems. ▪ The status of the command device is normal. ▪ The RAID Manager LIB has been installed correctly (in UNIX).
KAVF18504-E	An operation on a command device failed. (device=*command-device-file-name*)	An operation to the command device failed, or the processing was rejected. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Confirm that: ▪ The fiber cable or port status for the RAID system has no problems. ▪ The status of the command device is normal. ▪ The RAID Manager LIB has been installed correctly (in UNIX).
KAVF18505-E	The specified RAID system does not support the requested function. (device=*command-device-file-name*, function=*function-name*)	The RAID system to be monitored does not support this function. **(S)** Aborts the Agent Collector service. **(O)** Check the microcode version of the RAID system.

Message ID	Message	Corrective Action
KAVF18506-E	The specified RAID system is not supported.	The specified command device is an unsupported RAID system. **(S)** Aborts the Agent Collector service. **(O)** Make sure that the monitored storage subsystem is a supported model.
KAVF18508-I	The agent is running in SLPR restricted mode. (target SLPR number=*SLPR-number*)	The Agent is running in SLPR restricted mode. Agents that run in SLPR restricted mode collect only information about resources that belong to the target SLPR. **(S)** The Agent operates in SLPR restricted mode.
KAVF18509-I	The agent is running in normal mode.	The Agent is running in normal mode. Agents that run in normal mode collect information about all resources that belong to the monitored storage subsystem. **(S)** The Agent operates in normal mode.
KAVF18511-I	The agent is monitoring the following storage subsystem. (subsystem type name=*subsystem-type-name*, subsystem serial number=*subsystem-type-name*)	The Agent monitors the specified storage subsystem. **(S)** Continues processing for the Agent Collector service.
KAVF18512-W	An error occurred in the RAID system.	The monitored storage subsystem reported a non-critical or temporary error. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If this message is issued frequently, check the status of the storage subsystem.

Message ID	Message	Corrective Action
KAVF18513-E	The specified Volume GUID is invalid. (device=*volume-GUID*)	The specified volume GUID is invalid. **(S)** Aborts the Agent Collector service. **(O)** Execute the `jpctdlistraid` command to check the GUID of the volume.
KAVF18600-E	Internal error. (rc=*API-return-value*)	An internal error occurred in the program. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF18601-E	Memory is insufficient.	There is insufficient memory. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Stop applications that are not being used, or increase the amount of memory.

Message ID	Message	Corrective Action
KAVF18602-E	The device definition file cannot be accessed.	The device definition information file (`utlprm.inf` file) cannot be accessed. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Make sure that the read and write access permission exists for the device definition information file.
KAVF18603-E	The device definition file is incorrect.	The RAID system cannot be accessed because the content of the device definition information file is invalid. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Re-create the device definition information file by using Storage Navigator Modular or Disk Array Management Program, and copy the file.
KAVF18604-E	The specified RAID system does not exist. (unitname=*array-unit-name-or-instance-name*)	The specified RAID system is not defined. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Confirm that: ▪ The device definition information file exists in the correct directory. ▪ The content of the device definition information file is correct. ▪ The array unit name specified at the instance setup is correct.

Message ID	Message	Corrective Action
KAVF18605-E	The specified RAID system does not support the requested function. (unitname=*array-unit-name-or-instance-name*, function=*function-name*)	The RAID system to be monitored does not support this function. **(S)** Aborts the Agent Collector service. **(O)** Check the microcode version for this RAID system.
KAVF18606-E	The specified RAID system is not supported.	This RAID system is not supported. **(S)** Aborts the Agent Collector service. **(O)** Make sure that the monitored storage subsystem is a supported model.
KAVF18608-E	An error occurred in communication with the RAID system. (unitname=*array-unit-name-or-instance-name*, rc=*API-return-value*)	An error occurred in the LAN between the RAID system and the server. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If this error occurs frequently, check the status of the LAN.

Message ID	Message	Corrective Action
KAVF18609-E	An error occurred in the RAID system. (unitname=*array-unit-name-or-instance-name*, rc=*API-return-value*)	An error occurred in the RAID system. The meaning of the 4-byte error code is shown below. ▪ 0x01*XXYYZZ*: Check condition error occurred. (*XX*: sense key, *YYZZ*: sense code) ▪ 0x0000010A: The status in Diagnostic (`0xF0`) is `0x80` (hardware error) ▪ 0x00010000: The device status is `BUSY`. ▪ 0x00020000: The device status is `QUEUE FULL`. ▪ 0x00030000: The device status is `RESERVATION CONFLICT`. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If this error occurs frequently, check the status of the RAID system.
KAVF18612-E	The password length is invalid.	The RAID system cannot be accessed because the password length is invalid. **(S)** Aborts the Agent Collector service. **(O)** Repeat the instance setup, and specify the correct password.
KAVF18613-E	Other user is logging on the RAID system. (unitname=*array-unit-name-or-instance-name*, user=*user-ID*, ipaddress=*IP-address*)	An attempt to log on to the RAID system failed because the user indicated in the message is already logged on to the RAID system. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the user indicated in the message is logged on to the RAID system.

Message ID	Message	Corrective Action
KAVF18614-E	Failed to logon to the RAID system. (unitname=*array-unit-name-or-instance-name*, user=*user-ID*)	An attempt to log on to the RAID system failed because either the user ID or password specified while executing the instance setup using `jpcinssetup` command is incorrect. **(S)** Aborts the Agent Collector service. **(O)** Repeat the instance setup, and specify the correct user ID and password.
KAVF18616-W	Another program is already logged in the RAID array. (unitname=*array-unit-name-or-instance-name*)	The Agent Collector service cannot log in to the RAID system because another program is already logged in to the system. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** When the Password Protection facility is enabled, Agent for RAID cannot collect data while another program is being used to log in to the system.

Message ID	Message	Corrective Action
KAVF18617-W	An error occurred in the RAID system. (unitname=*array-unit-name-or-instance-name*, invalid_ctl=*ctl-name*, rc=*error-code*)	An error occurred in the RAID system. The meaning of the 4-byte error code is as follows: ▪ 0x01*XXYYZZ*: A check condition error occurred. (*XX*: sense key, *YYZZ*: sense code) ▪ 0x0000010A: The status in Diagnostic (`0xF0`) is `0x80` (hardware error) ▪ 0x00010000: The device status is `BUSY`. ▪ 0x00020000: The device status is `QUEUE FULL`. ▪ 0x00030000: The device status is `RESERVATION CONFLICT`. ▪ 0x00040000 - 0x00090000: An error occurred in communication with the RAID system. **(S)** An error occurred in the RAID system. The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If this warning message is issued frequently, check the status of the RAID system. Note that, if another message indicating the detailed cause of the error is output immediately after this message, take appropriate action in accordance with that message.

Message ID	Message	Corrective Action
KAVF18618-I	Performance Statistics collection policy has changed in DAMP. (unitname=*array-unit-name-or-instance-name*, PORT=*configuration-for-port-information-collection*, LU=*configuration-for-LU-information-collection*, CACHE=*configuration-for-CACHE-information-collection*, PROCESSOR=*configuration-for-PROCESSOR-information-collection*)	The settings for collecting performance statistics have been changed by using Storage Navigator Modular or Disk Array Management Program. **(S)** The Agent Collector service continues. **(O)** When monitoring the TagmaStore AMS/WMS Series or Thunder 9500V Series, set up the monitored storage subsystem to collect performance statistics. The values for some fields will not take effect without this setting being made. For details on the settings for collection of performance statistics, see the Storage Navigator Modular or Disk Array Management Program manual, and your storage subsystem manual.
KAVF18619-I	The RAID array controller is back to the healthy operating state. (unitname=*array-unit-name-or-instance-name*, valid_ctl=*ctl-name*, rc=*error-code*)	Performance information for the controller where an error occurred can now be acquired.
KAVF18620-E	An instance parameter setting is not specified. (instance name=*instance-name*)	The instance information setting value for **Array Unit Name** or **IP Address or Host Name(Controller 0)**, which is set by executing the `jpcinssetup` command, has not been set. **(S)** Stops the Agent Collector service. **(O)** Execute the `jpcinssetup` command to set the instance information, and then execute the `jpctdchkinst` command to make sure that the instance settings are correct.

Message ID	Message	Corrective Action
KAVF18621-E	There is a conflict between a setting for the agent instance and the subsystem's configuration. (instance name=*instance-name*, parameter name=*instance-parameter-name*, parameter value=*parameter-value*, errno=*error-number*)	The instance information setting value for **IP Address or Host Name(Controller 0)** or **IP Address or Host Name(Controller 1)**, which is set by executing the `jpcinssetup` command, does not match the storage subsystem configuration. **(S)** Stops the Agent Collector service. **(O)** Make sure that the instance information setting value matches the storage subsystem configuration. If the value does not match, update the instance environment again, and then execute the `jpctdchkinst` command to make sure that the instance settings are correct. These values might not match due to one of the following reasons: ▪ The controller 1 value is set for **IP Address or Host Name(Controller 0)**. ▪ The controller 0 value is set for **IP Address or Host Name(Controller 1)**. ▪ The controller set for **IP Address or Host Name(Controller 0)** and **IP Address or Host Name(Controller 1)** is a storage subsystem with a different serial number. ▪ Even though the storage subsystem has a DUAL configuration, a value has not been entered for **IP Address or Host Name(Controller 1)**.

Message ID	Message	Corrective Action
KAVF18622-E	An attempt to use an agent instance parameter to access the subsystem has failed. (instance name=*instance-name*, parameter name=*instance-parameter-name*, parameter value=*parameter-value*, errno=*error-number*)	An attempt to access the storage subsystem using the instance information setting value for **IP Address or Host Name(Controller 0)** or **IP Address or Host Name(Controller 1)**, as set by executing the `jpcinssetup` command, has failed. **(S)** The Agent service continues monitoring as much as possible, but all operations or requests will be rejected. Also, updating the performance data that was to be obtained at this point will be postponed. **(O)** To resolve the problem, stop the Agent, and then check the transmission environment, or instance information setting value for **IP Address or Host Name(Controller 0)** or **IP Address or Host Name(Controller 1)**, as set by executing the `jpcinssetup` command. Then, execute the `jpctdchkinst` command to make sure that the instance settings are correct.

Message ID	Message	Corrective Action
KAVF18623-E	The following device is not specified in the device definition file. (instance name=*instance-name*, parameter value=*parameter-value*)	In the device definition information file (`utlprm.inf`), the device definition information has not been specified for the instance information setting value **Array Unit Name**. **(S)** Stops the Agent Collector service. **(O)** Either copy the device definition information file (`utlprm.inf`) for the device definition information of the parameter value to the following location, or execute the `jpcinssetup` command to re-set the instance information. In Windows: *installation-folder*`\agtd\agent\`*instance-name* In UNIX: `/opt/jp1pc/agent/`*instance-name* Then, execute the `jpctdchkinst` command to make sure that the instance settings are correct.
KAVF18624-W	Acquisition of performance information from the RAID system stopped because a conflict with other processing occurred. (unitname=*array-unit-name-or-instance-name*, rc=*error-code*)	Acquisition of performance information for this collection interval or for a real time request has stopped, because the acquisition conflicted with other processing in the RAID system. **(S)** The Agent service continues monitoring as much as possible, but all operations or requests will be rejected. Also, updating the performance data that was to be obtained at this point will be postponed. **(O)** If this message is output immediately after the `KAVF18617-W` message, you do not need to take special action.

Message ID	Message	Corrective Action
KAVF18625-E	An attempt to login to the RAID system has failed. (unitname=*array-unit-name-or-instance-name*, errno=*error-number*)	An attempt to log in to the RAID system failed. **(S)** If an attempt to log in failed because the account settings were invalid, the Agent Collector service will end abnormally. If the attempt failed due to other causes, the Agent Collector service will continue. **(O)** Take appropriate action by following the message that was output to the common message log at the same time. If you cannot resolve the problem, contact the system administrator.
KAVF18626-E	The specified user ID or password is invalid. (unitname=*array-unit-name-or-instance-name*, user ID=*user-ID*)	You cannot log in to the storage subsystem because the specified user ID or password is invalid. **(S)** Aborts the Agent Collector service. **(O)** If Account Authentication is enabled, make sure that the user ID and password which are used exclusively for Agent for RAID and which are specified in Storage Navigator Modular are correct. Then, execute the `jpcinssetup` command to specify the correct user ID and password again. Lastly, execute the `jpctdchkinst` command to make sure that the instance settings are correct.

Message ID	Message	Corrective Action
KAVF18627-E	A user ID is not specified. (unitname=*array-unit-name-or-instance-name*)	You cannot log in to the storage subsystem, because the user ID was not specified during the instance setup that was executed by using the `jpcinssetup` command. **(S)** Aborts the Agent Collector service. **(O)** If the monitored storage subsystem enables Account Authentication in the TagmaStore AMS/WMS series, an account that has only the `Storage Administrator (View Only)` role and is used exclusively for Agent for RAID will be needed. Make sure that the user ID which is used exclusively for Agent for RAID and which is specified in Storage Navigator Modular is correct. Then, execute the `jpcinssetup` command to specify the correct user ID and password again. Lastly, execute the `jpctdchkinst` command to make sure that the instance settings are correct.
KAVF18629-E	The role of the account is invalid. You do not have the necessary permissions. (unitname=*array-unit-name-or-instance-name*, user ID=*user-ID*)	Appropriate permissions are not set for the account specified during the instance setup that was executed by using the `jpcinssetup` command. **(S)** Aborts the Agent Collector service. **(O)** Use Storage Navigator Modular to set the `Storage Administrator (View Only)` role only for the account that is used exclusively for Agent for RAID. Then, execute the `jpctdchkinst` command to make sure that the instance settings are correct.

Message ID	Message	Corrective Action
KAVF18630-E	The role of the account is invalid. Modify permissions exist. (unitname=*array-unit-name-or-instance-name*, user ID=*user-ID*)	Appropriate permissions are not set for the account specified during the instance setup that was executed by using the `jpcinssetup` command. **(S)** Aborts the Agent Collector service. **(O)** Use Storage Navigator Modular to set the `Storage Administrator (View Only)` role only for the account that is used exclusively for Agent for RAID, and delete all the other roles. And then, execute the `jpctdchkinst` command to make sure that the instance settings are correct.
KAVF18631-E	You cannot login because the maximum number of users are logged in. (unitname=*array-unit-name-or-instance-name*, user ID=*user-ID*)	You cannot log in to the storage subsystem because the maximum number of users who can log in to the storage subsystem has been reached. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. Attempt to log in again the next time the performance data is obtained. **(O)** Log out the sessions of other programs that have logged in to the TagmaStore AMS/WMS series.
KAVF18632-E	You cannot login because the specified account is disabled. (unitname=*array-unit-name-or-instance-name*, user ID=*user-ID*)	You cannot log in to the storage subsystem because the specified account is invalid. **(S)** Aborts the Agent Collector service. **(O)** The specified account is set to disabled. Check the status of the account by using Storage Navigator Modular. After setting the account to enabled, execute the `jpctdchkinst` command to make sure that the instance settings are correct.

Message ID	Message	Corrective Action
KAVF18633-W	The session was disconnected. (unitname=*array-unit-name-or-instance-name*, user ID=*user-ID*)	The session has been disconnected. **(S)** Logs in to the storage subsystem again because the session has been disconnected. **(O)** If an attempt to log in again failed and the Agent Collector service is stopped, the account that is used exclusively for Agent for RAID might be in the following status: ▪ The account is disabled due to some causes such as forced logout. ▪ The account is in the invalid status due to other causes. In these cases, take appropriate action by following the message that was output at the same time. If this message is output frequently while the Agent Collector service is running, use the `jpcras` command to collect maintenance information, and then contact the system administrator.
KAVF18634-E	While processing the recovery after the session was disconnected, the session was disconnected again. (unitname=*array-unit-name-or-instance-name*, user ID=*user-ID*)	The session was disconnected again during recovery processing after the session had been disconnected. **(S)** Aborts the Agent Collector service. **(O)** Possible causes are as follows: ▪ The account that is used exclusively for Agent for RAID and which is specified in Storage Navigator Modular is not enabled. ▪ Communication with the storage subsystem takes too much time. Resolve the problem, and then execute the `jpctdchkinst` command to make sure that the instance settings are correct. If this error cannot be resolved, use the `jpcras` command to collect maintenance information, and then contact the system administrator.
KAVF18635-I	An attempt to login to the RAID system has ended successfully. (unitname=*array-unit-name-or-instance-name*, user ID=*user-ID*)	An attempt to log in to the RAID system was successful.

Message ID	Message	Corrective Action
KAVF18700-I	The detection of the monitorable storage subsystem has begun.	Processing to detect a monitorable storage subsystem will now start. **(S)** Processing continues.
KAVF18701-I	The detection of the monitorable storage subsystem has ended.	Processing to detect a monitorable storage subsystem will now stop. **(S)** Stops command execution.
KAVF18710-W	No storage subsystem that can be monitored exists.	No storage subsystems that are monitorable by Agent for RAID were found. Either setup has not been performed on the storage subsystem, or the setup was performed incorrectly. **(S)** Processing to detect a monitorable storage subsystem will now stop. **(O)** Check the settings on the storage subsystem, resolve the problem, and then re-execute the command.
KAVF18721-E	The agent environment is invalid.	Either the Agent for RAID installation or setup was not performed properly, or the installation environment is corrupt. **(S)** Stops command execution. **(O)** Either re-install Agent for RAID or perform setup for the instance again, and then re-execute the command.
KAVF18722-E	The agent environment is invalid.	Either the Agent for RAID installation or setup was not performed properly, or the installation environment is corrupt. **(S)** Stops command execution. **(O)** Either re-install Agent for RAID or perform setup for the instance again, and then re-execute the command.

Message ID	Message	Corrective Action
KAVF18724-E	An invalid option is specified.	An unrecognized argument has been specified for the command. **(S)** Stops command execution. **(O)** Check the command line, and then re-execute the command.
KAVF18731-E	The user does not have permission to execute the command.	Permissions to execute the command are lacking. **(S)** Stops command execution. **(O)** Re-execute the command with an account that has the permissions required for command execution.
KAVF18740-E	An internal error occurred.	An internal error occurred. **(S)** Stops command execution. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF18741-E	An error occurred during system call or OS command execution. (name=*API-name* or *command-name*, rc=*return-value*, error=*error-code*)	An error occurred with an OS command or API. **(S)** Stops command execution. **(O)** The error cause can be determined from *API-name* and the API *error-code*. If you cannot determine the cause, or if the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.

Message ID	Message	Corrective Action
KAVF18742-W	An error occurred during system call or OS command execution. (name=*API-name* or *command-name*, rc=*return-value*, error=*error-code*)	An error occurred with an OS command or API. **(S)** Processing continues. **(O)** The error cause can be determined from *API-name* and the API *error-code*. If you cannot determine the cause, or if the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF18743-W	An attempt to get the device information has failed. (device name=*device-name*)	The error indicated by the message KAVF18742-W, which is output along with this message, occurred during an attempt to collect device information on the device *device-name*. **(S)** Processing continues. **(O)** If this error occurred at the target device from which device information is to be collected, make sure that the physical connection status matches the OS's device recognition status (for example, perform the procedure that will cause the OS to recognize the device, or reboot the host). Then, re-execute the command. If this error occurred at a non-target device, please ignore this message.
KAVF18800-I	The verification of the agent instance settings will now start. (instance name=*instance-name*)	Processing to apply the Agent instance settings will now start.
KAVF18801-I	The verification of the agent instance settings will now end.	Processing to inspect the Agent instance settings has ended.
KAVF18804-E	Invalid option is specified.	An unrecognized option has been specified for the command. **(S)** Stops command execution. **(O)** Check the command line, and then re-execute the command.

Message ID	Message	Corrective Action
KAVF18805-E	A required option is not specified.	Mandatory option is not specified. **(S)** Stops command execution. **(O)** Check the command line, and then re-execute the command.
KAVF18806-E	The specified instance name is not set up. (instance name=*instance-name*)	The instance corresponding to the specified instance name could not be found. The instance name or logical host might not be specified properly. **(S)** Stops command execution. **(O)** Check the command line, and then re-execute the command.
KAVF18807-E	The specified logical host name is invalid. (lhost name=*logical-host-name*)	The specified logical host has not been set up. **(S)** Stops command execution. **(O)** Check the command line, and then re-execute the command.
KAVF18808-E	An error occurred during system call or OS command execution. (name=*API-name* or *command-name*, rc=*return-value*, error=*error-code*)	An error occurred with an OS command or API. **(S)** Stops command execution. **(O)** The error cause can be determined from *API-name* and the *error-code*. If you cannot determine the cause, or if the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.

Message ID	Message	Corrective Action
KAVF18809-W	An error occurred during system call or OS command execution. (name=*API-name* or *command-name*, rc=*return-value*, error=*error-code*)	An error occurred with an OS command or API. **(S)** Processing continues. **(O)** The error cause can be determined from *API-name* and the *error-code*. If you cannot determine the cause, or if the error cannot be resolved because problems are occurring frequently, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF18810-E	The user does not have permission to execute the command.	Permissions to execute the command are lacking. **(S)** Stops command execution. **(O)** Re-execute the command with an account that has the permissions required for command execution.
KAVF18811-E	The agent environment is invalid.	Either the Agent for RAID installation or setup was not performed properly, or the installation environment is corrupt. **(S)** Stops command execution. **(O)** Either re-install Agent for RAID or perform setup again for the instance, and then re-execute the command.
KAVF18812-E	The agent environment is invalid.	Either the Agent for RAID installation or setup was not performed properly, or the installation environment is corrupt. **(S)** Stops command execution. **(O)** Either re-install Agent for RAID or perform setup again for the instance, and then re-execute the command.
KAVF18850-I	No error was found during verification of the agent instance setting.	An error was not found during verification of Agent instance information. **(S)** Information about the monitored storage subsystem is output, and then the command terminates.

Message ID	Message	Corrective Action
KAVF18851-E	An attempt to access the device set by the agent instance parameter has failed. (parameter name=*instance-parameter-name*, parameter value=*parameter-value*)	The device file name set for the `Command Device File Name` parameter, which is part of the Agent instance information, cannot be accessed. The current settings for the device file name might be incorrect, or the device status might have a problem. If the Agent instance is started with the current settings, Agent Collector will not be able to collect information. **(S)** Stops command execution. **(O)** Check the Agent instance information and the device status, resolve the problem, and then re-execute the command.
KAVF18852-E	The device set by the agent instance parameter is not a command device. (parameter name=*instance-parameter-name*, parameter value=*parameter-value*)	The device specified for the `Command Device File Name` parameter, which is part of the Agent instance information, is part of a storage subsystem supported by Agent for RAID but no command device attribute has been set. If the Agent instance is started with the current settings, Agent Collector will not be able to collect information. **(S)** Stops command execution. **(O)** Either set a command device attribute for the device specified for the `Command Device File Name` parameter or check the value set for the Agent instance information, resolves the problem, and then re-execute the command.

Message ID	Message	Corrective Action
KAVF18855-E	There is a conflict between the setting for agent instance and the subsystem's configuration. (parameter name=*instance-parameter-name*, parameter value=*parameter-value*)	There is a conflict between the value set for the Agent instance information and the configuration of the monitored storage subsystem. This message might have been output due to the following: ▪ The controller 1 value is set for **IP Address or Host Name(Controller 0)**. ▪ The controller 0 value is set for **IP Address or Host Name(Controller 1)**. ▪ For the **IP Address or Host Name(Controller 0)** setting, even though the storage subsystem has a DUAL configuration, a value has not been entered for **IP Address or Host Name(Controller 1)**. If the Agent instance is started with the current settings, Agent Collector will not be able to collect information. **(S)** Stops command execution. **(O)** Check the value that was set for the Agent instance information, resolve the problem, and then re-execute the command.
KAVF18856-E	An attempt to use an agent instance parameter to access the subsystem has failed. (parameter name=*instance-parameter-name*, parameter value=*parameter-value*, errno=*error-number*)	The storage subsystem could not be accessed, because the value set for the Agent instance is invalid. Information about the Agent instance might be incorrect, or the connection between the Agent host and the storage subsystem might have a problem. If the Agent instance is started with the current settings, Agent Collector will not be able to collect information. **(S)** Stops command execution. **(O)** Check the value that was set for the Agent instance information, resolve the problem, and then re-execute the command.

Message ID	Message	Corrective Action
KAVF18858-E	An attempt to access the device definition file has failed. (parameter name=*instance-parameter-name*, parameter value=*parameter-value*)	For the Agent instance information, even though the `Array Unit Name` parameter has been specified, the device definition information file (`utlprm.inf`) could not be found. After the monitored storage subsystem was registered as a device for the DAMP GUI or Storage Navigator Modular, the generated device definition information file might not have been placed in the proper location or might not have been placed properly. If the Agent instance is started with the current settings, Agent Collector will not be able to collect information. **(S)** Stops command execution. **(O)** Check the location of the device definition information file, resolve the problem, and then re-execute the command.
KAVF18859-E	The specified unit name was not found in the device definition information file. (parameter name=*instance-parameter-name*, parameter value=*parameter-value*)	The unit name set in the Agent instance information does not exist in the device definition information file. Either a different name has been specified from that which was specified as the `Array Unit Name` parameter during DAMP GUI or Storage Navigator Modular device registration, or the device definition information file has not been placed in the proper location. If the Agent instance is started with the current settings, Agent Collector will not be able to collect information. **(S)** Stops command execution. **(O)** Make sure that the value set for the Agent instance information is correct and that the device definition information file is placed in the proper location, resolve the problem, and then re-execute the command.

Message ID	Message	Corrective Action
KAVF18860-E	The command device cannot be specified directly for an instance on a logical host. (parameter name=*instance-parameter-name*, parameter value=*parameter-value*)	For an Agent instance set up on a logical host, the command device of the target storage subsystem needs to be specified in the cluster definition file (`jpcagtha.ini`) of a physical host. Specify the static keyword `HACMDDEV` for the `Command Device File Name` parameter, which is part of the Agent instance information. If the Agent instance is started with the current settings, Agent Collector will not be able to collect information. **(S)** Stops command execution. **(O)** Check the value that was set for the Agent instance information, resolve the problem, and then re-execute the command.
KAVF18861-E	An attempt to access the cluster definition file has failed.	The Agent instance is set up on a logical host, but either permissions required to access the cluster definition file are lacking, or the cluster definition file (`jpcagtha.ini`) does not exist. If the Agent instance is started with the current settings, Agent Collector will not be able to collect information. **(S)** Stops command execution. **(O)** Check the placement of the cluster definition file, resolve the problem, and then re-execute the command.
KAVF18862-E	An attempt to acquire command device information from the cluster definition file has failed.	The Agent instance is set up on a logical host, but information required in the cluster definition file (`jpcagtha.ini`) does not exist. If the Agent instance is started with the current settings, Agent Collector will not be able to collect information. **(S)** Stops command execution. **(O)** Check the contents of the cluster definition file, resolve the problem, and then re-execute the command.

Message ID	Message	Corrective Action
KAVF18863-E	The agent does not support the device specified for the agent instance parameter. (parameter name=*instance-parameter-name*, parameter value=*parameter-value*)	The device specified for the `Command Device File Name` parameter, which is part of the Agent instance information, is not supported by Agent for RAID. If the Agent instance is started with the current settings, Agent Collector will not be able to collect information. **(S)** Stops command execution. **(O)** Check the value that was set for the Agent instance information, resolve the problem, and then re-execute the command.
KAVF18864-E	Required parameters for the agent instance are not specified.	Required settings for the Agent instance have not been set. If you have selected `1` in the Storage Model parameter, you must set a value in **IP Address** or **Host Name** (Controller 0) or in **Array Unit Name**. If the Agent instance is started with the current settings, Agent Collector will not be able to collect information. **(S)** Stops command execution. **(O)** Check the value that was set for the Agent instance information, resolve the problem, and then re-execute the command.
KAVF18865-E	An error occurred during access to the storage subsystem. (name=*command-name* or *function-name*, rc=*return-value*)	An error occurred during access to the storage subsystem by the `jpctdchkinst` command. This message is output in situations such as when a prerequisite program is not installed, a failure occurred on the storage subsystem, or a problem exists with the physical connection to the storage subsystem. **(S)** Stops command execution. **(O)** Check the status of the prerequisite program, storage subsystem, and the connection, resolve the problem, and then re-execute the command.

Message ID	Message	Corrective Action
KAVF18866-W	Another program is already logged in the RAID array. (unitname=*array-unit-name-or-instance-name*)	The `jpctdchkinst` command cannot log in the RAID system because another program is already logged in to the system. **(S)** Stops command execution. **(O)** If the Password Protection facility is enabled, make sure that no other program is being used to log in to the system, and then re-execute the command.
KAVF18867-W	Acquisition of performance information from the RAID system stopped because a conflict with other processing occurred. (unitname=*array-unit-name-or-instance-name*, rc=*error-code*)	Inspection of the Agent instance settings has stopped because of a conflict with other processing in the RAID system. **(S)** Stops command execution. **(O)** Re-execute the command.
KAVF18868-E	The specified volume GUID is invalid. (device=*volume-GUID*)	The specified volume GUID is invalid. If the Agent instance is started with this setting, the Agent Collector service will terminate abnormally. **(S)** Stops command execution. **(O)** Execute the `jpctdlistraid` command to check GUID of the volume, correct the error, and then re-execute the command.
KAVF18869-E	An attempt to login to the RAID system has failed. (unitname=*array-unit-name-or-instance-name*, errno=*error-number*)	An attempt to log in to the RAID system failed. **(S)** Stops command execution. **(O)** Take appropriate action by following the message that was output at the same time. If you cannot resolve the problem, contact the system administrator.

Message ID	Message	Corrective Action
KAVF18870-E	The specified user ID or password is invalid. (unitname=*array-unit-name-or-instance-name*, user ID=*user-ID*)	You cannot log in to the storage subsystem because the specified user ID or password is invalid. **(S)** Stops command execution. **(O)** If Account Authentication is enabled, make sure that the user ID and password which are used exclusively for Agent for RAID and which are specified in Storage Navigator Modular are correct. Then, execute the `jpcinssetup` command to specify the correct user ID and password again. Lastly, execute the `jpctdchkinst` command to make sure that the instance settings are correct.
KAVF18871-E	A user ID is not specified. (unitname=*array-unit-name-or-instance-name*)	You cannot log in to the storage subsystem because the user ID was not specified during the instance setup that was executed by using the `jpcinssetup` command. **(S)** Stops command execution. **(O)** If the monitored storage subsystem enables Account Authentication in the TagmaStore AMS/WMS series, an account that has only the `Storage Administrator (View Only)` role and is used exclusively for Agent for RAID will be needed. Make sure that the user ID which is used exclusively for Agent for RAID and which is specified in Storage Navigator Modular is correct. Then, execute the `jpcinssetup` command to specify the correct user ID and password again. Lastly, execute the `jpctdchkinst` command to make sure that the instance settings are correct.

Message ID	Message	Corrective Action
KAVF18873-E	The role of the account is invalid. You do not have the necessary permissions. (unitname=*array-unit-name-or-instance-name*, user ID=*user-ID*)	Appropriate permissions are not set for the account specified during the instance setup that was executed by using the `jpcinssetup` command. **(S)** Stops command execution. **(O)** Use Storage Navigator Modular to set the `Storage Administrator (View Only)` role only for the account that is used exclusively for Agent for RAID. Then, execute the `jpctdchkinst` command to make sure that the instance settings are correct.
KAVF18874-E	The role of the account is invalid. Modify permissions exist. (unitname=*array-unit-name-or-instance-name*, user ID=*user-ID*)	Appropriate permissions are not set for the account specified during the instance setup that was executed by using the `jpcinssetup` command. **(S)** Stops command execution. **(O)** Use Storage Navigator Modular to set the `Storage Administrator (View Only)` role only for the account that is used exclusively for Agent for RAID, and delete all the other roles. And then, execute the `jpctdchkinst` command to make sure that the instance settings are correct.
KAVF18875-E	You cannot login because the maximum number of users are logged in. (unitname=*array-unit-name-or-instance-name*, user ID=*user-ID*)	You cannot log in to the storage subsystem because the maximum number of users who can log in to the storage subsystem has been reached. **(S)** Stops command execution. **(O)** Log out the sessions of other programs that have logged in to the TagmaStore AMS/WMS series.

Message ID	Message	Corrective Action
KAVF18876-E	You cannot login because the specified account is disabled. (unitname=*array-unit-name-or-instance-name*, user ID=*user-ID*)	You cannot log in to the storage subsystem because the specified account is invalid. **(S)** Stops command execution. **(O)** The specified account is set to disabled. Use Storage Navigator Modular to check the status of the account. After setting the account to enabled, execute the `jpctdchkinst` command to make sure that the instance settings are correct.
KAVF18877-E	The session was disconnected. (unitname=*array-unit-name-or-instance-name*, user ID=*user-ID*)	The session has been disconnected. **(S)** Stops command execution. **(O)** The account that is used exclusively for Agent for RAID is disabled due to some cause such as a forced logout, or is in the invalid status due to some other cause. Use Storage Navigator Modular to check the status of the account that is used exclusively for Agent for RAID. If the error cannot be resolved, use the `jpcras` command to collect maintenance information, and then contact the system administrator.

4.8 Agent Messages (Agent for RAID Map)

This section lists the output destinations of Agent for RAID Map messages, lists the messages output to syslog and the Windows event log, and lists and explains the messages.

4.8.1 Message Output Destinations (Agent for RAID Map)

Table 4.16 lists the output destinations of the messages issued by Agent for RAID Map.

Table 4.16 Output Destinations of Agent for RAID Map Messages

Output Destinations	Message ID
▪ Common message log	KAVF19604 - KAVF19605, KAVF19607, KAVF19608, KAVF19612 - KAVF19619, KAVF19635 - KAVF19657, KAVF19659 - KAVF19673, KAVF19675 - KAVF19688
▪ Common message log ▪ syslog ▪ Windows event log	KAVF19600 - KAVF19603, KAVF19606, KAVF19609, KAVF19610, KAVF19620, KAVF19631, KAVF19633, KAVF19634
▪ Other than the above See ***Note***	KAVF19006 - KAVF19020, KAVF19024, KAVF19027 - KAVF19030, KAVF19039, KAVF19038, KAVF19040, KAVF19041, KAVF19100 - KAVF19110, KAVF19112 - KAVF19119, KAVF19150 - KAVF19152, KAVF19203 - KAVF19207, KAVF19209 - KAVF19220, KAVF19251 - KAVF19255, KAVF19300 - KAVF19310, KAVF19312 - KAVF19319, KAVF19350 - KAVF19354, KAVF19400 - KAVF19410, KAVF19412 - KAVF19418, KAVF19450, KAVF19451, KAVF19500 - KAVF19510, KAVF19512 - KAVF19518, KAVF19550, KAVF19551

Note: Messages from KAVF19006 to KAVF19551 are output to the following files:

- In Windows

  installation-destination-folder-for Agent-for-RAID-Map\agte\agent\HLDUtility\log\hldu_err.log

  installation-destination-folder-for Agent-for-RAID-Map\agte\agent\HLDUtility\log\hldu_err_bak.log

- In UNIX

  /opt/jp1pc/agte/agent/HLDUtility/log/hldu_err.log

  /opt/jp1pc/agte/agent/HLDUtility/log/hldu_err_bak.log

4.8.2 Messages Output to Syslog and the Windows Event Log (Agent for RAID Map)

This section lists the messages that Agent for RAID Map outputs to `syslog` and to the Windows event log.

System log events are output to the `syslog` file. For information about where the `syslog` file is stored, see the **`syslog`** daemon configuration file (default path is `/etc/syslogd.conf`).

The Windows event log is displayed as an application log in the Event Viewer window.

To open the Event Viewer window in Windows 2000, from the Windows **Start** menu, choose **Settings**, **Control Panel**, **Administrative Tools**, and then **Event Viewer**.

To open the Event Viewer window from the Windows **Start** menu in Windows Server 2003 or Windows Server 2003 (IPF), choose **Administrative Tools** then **Event Viewer**.

In the case of an event issued by Agent for RAID Map, the identifier `PFM-RAIDMap` is displayed in the **Source** column of the Event Viewer window.

Table 4.17 lists the messages that Agent for RAID Map outputs to `syslog` and to the Windows event log.

Table 4.17 Messages Output to Syslog and Windows Event Log

Message ID	Syslog		Windows Event Log	
	Facility	Level	Event ID	Type
KAVF19600-I	LOG_DAEMON	LOG_INFO	19600	Information
KAVF19601-I			19601	
KAVF19602-E		LOG_ERR	19602	Error
KAVF19603-E			19603	
KAVF19606-E			19606	
KAVF19609-E			19609	
KAVF19610-E			19610	
KAVF19620-E			19620	
KAVF19631-E			19631	
KAVF19633-E			19633	
KAVF19634-E			19634	

4.8.3 Messages (Agent for RAID Map)

Table 4.18 explains the messages issued by Agent for RAID Map, and explains what actions to take in response to the messages.

Table 4.18 Messages Issued by Agent for RAID Map

Message ID	Message	Corrective Action
KAVF19006-E	Cannot find the file.	The execution result log file does not exist. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.
KAVF19007-E	Cannot copy the file.(The file is busy.)	The execution result log file cannot be copied. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.
KAVF19008-E	Cannot remove the file.(The file is busy.)	The execution result log file cannot be deleted. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.

Message ID	Message	Corrective Action
KAVF19009-E	Permission denied.	You do not have required execution permission. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Follow the instructions given by the message that was output to the common message log at the same time as this message.
KAVF19010-E	This OS is not supported.	The operating system cannot be identified. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the type or the version of the operation system.
KAVF19011-E	Fail to invoke sub-command.	The sub-command could not be started. **(S)** The items that were successfully obtained will be updated. Updating will be postponed for any performance data that was to be obtained by the failed subcommand. **(O)** Follow the instructions given by the message that was output to the common message log at the same time as this message.
KAVF19012-E	Hldutil detects an unrecoverable error.	The internal command `hldutil` cannot be executed. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Follow the instructions given by the message that was output to the common message log at the same time as this message.

Message ID	Message	Corrective Action
KAVF19013-E	Cannot find hldutil.conf.	The settings file was not found. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Follow the instructions given by the message that was output to the common message log at the same time as this message.
KAVF19014-E	A line in hldutil.conf has more than 512 characters.	The content of the settings file is invalid. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Follow the instructions given by the message that was output to the common message log at the same time as this message.
KAVF19015-E	Cannot find [OS Name] section in hldutil.conf.	The content of the settings file is invalid. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Follow the instructions given by the message that was output to the common message log at the same time as this message.
KAVF19016-E	Cannot find [DKC List] section in hldutil.conf.	The content of the settings file is invalid. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Follow the instructions given by the message that was output to the common message log at the same time as this message.

Message ID	Message	Corrective Action
KAVF19017-W	Cannot find [HISTORY] section in hldutil.conf.	The content of the settings file is invalid. **(S)** The default value is assumed to be set in the [HISTORY] section value, and operations are performed. **(O)** Follow the instructions given by the message that was output to the common message log at the same time as this message.
KAVF19018-E	Cannot find valid OS names in hldutil.conf.	The content of the settings file is invalid. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Follow the instructions given by the message that was output to the common message log at the same time as this message.
KAVF19019-E	Cannot find valid product names in hldutil.conf.	The content of the settings file is invalid. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Follow the instructions given by the message that was output to the common message log at the same time as this message.
KAVF19020-E	A product name in [DKC List] has more than 16 characters.	The content of the settings file is invalid. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Follow the instructions given by the message that was output to the common message log at the same time as this message.

Message ID	Message	Corrective Action
KAVF19024-E	Invalid description in configuration file. (Line: *line-number*)	The format of the settings file is invalid. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Follow the instructions given by the message that was output to the common message log at the same time as this message.
KAVF19027-E	Insufficient memory.	There is insufficient memory. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Increase the amount of free memory, and re-execute.
KAVF19028-E	Cannot determine privilege level.	Execution privileges cannot be obtained. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Follow the instructions given by the message that was output to the common message log at the same time as this message.
KAVF19029-E	Internal Error (*module-number error-code*)	An internal error occurred. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Follow the instructions given by the message that was output to the common message log at the same time as this message.

Message ID	Message	Corrective Action
KAVF19030-E	Invalid directory structure.	The directory structure is invalid. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Follow the instructions given by the message that was output to the common message log at the same time as this message.
KAVF19038-E	Invalid the file.	The specified file is not a execution result log file. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.
KAVF19039-W	Cannot remove the file. (*temporary-file-name*)	A temporary file could not be deleted. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Use the `DEL` command or its equivalent to delete the indicated file.
KAVF19040-W	Cannot rename the file. (src = *source-file-name*, dst = *destination-file-name*)	An attempt to rename the temporary file has failed. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.

Message ID	Message	Corrective Action
KAVF19041-E	An error occurred in an OS API. (name=*API-name*, rc=*API-error-code*)	An error occurred in an API of the OS. The code indicated in *API-error-code* can be obtained by using `errno` (for system call or the runtime library of C) or `GetLastError` (for Win32API). **(S)** The Agent service continues monitoring as much as possible, but all operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** The cause of the error can be determined from the API name indicated in *API-name* and the code indicated in *API-error-code*. If the cause cannot be determined or if the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19100-E	Failed to write log records. (*temporary-log-file-name*)	A temporary log file could not be written. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check that the disk can be read from and written to, and contains sufficient free space.
KAVF19101-E	Failed to obtain device special file name. (*special-file-name*)	The special file name could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the `format` command runs normally.
KAVF19102-E	The log file seems to have some records. (*temporary-log-file-name*)	A temporary log file already exists. A third party may have created the temporary log file incorrectly. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed.

Message ID	Message	Corrective Action
KAVF19103-E	Cannot find the file. (*temporary-log-file-name*)	A temporary log file does not exist. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.
KAVF19104-W	Cannot create the file. (*temporary-file-name*)	A temporary file cannot be created. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.
KAVF19105-W	Failed to write records to the file. (*temporary-file-name*)	A temporary file could not be written. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.
KAVF19106-W	Failed to invoke mount (1m) command.	The `mount` command could not obtain information. **(S)** This error occurs when the OS does not support the `mount` command. The information will not be obtained, but processing will continue. **(O)** Check the running status of the `mount` command.

Message ID	Message	Corrective Action
KAVF19107-W	Failed to invoke 'vxdisk list' command.	An error occurred in the `vxdisk list` command. **(S)** This error occurs when a problem exists in the VxVM environment. The information will not be obtained, but processing will continue. **(O)** Check the running status of the `vxdisk` command.
KAVF19108-W	Failed to read records from the file. (*temporary-file-name*)	A temporary file could not be read. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the status of the temporary file indicated in the message.
KAVF19109-E	Failed to invoke hldu_dkchk command.	The internal command `hldu_dkchk` cannot be executed. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the system is overloaded or insufficient memory prevents the program from being executed, and then re-execute. If this error occurs repeatedly, reinstall the program.
KAVF19110-W	Cannot remove the file. (*temporary-file-name*)	A temporary file could not be deleted. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Use the `rm` command or its equivalent to delete the indicated file.

Message ID	Message	Corrective Action
KAVF19112-W	Failed to open the special file. (*special-file*, error=*error-number*)	The special file could not be opened. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the status of the indicated device special file.
KAVF19113-W	Cannot obtain disk device information. (DKIOCINFO IOCTL (device name = *device file name*) (error = *error-number*))	Device information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the power supply and connections of the disk unit.
KAVF19114-W	Failed to invoke *command-name* command.	The command could not be executed. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the system is overloaded or insufficient memory prevents the program from being executed, and then re-execute. If this error occurs repeatedly, reinstall the program.
KAVF19115-W	Cannot obtain disk device information. (INQUIRY IOCTL (device name = *device file name*) (error = *error-number*))	Device information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the power supply and connections to the disk unit.

Message ID	Message	Corrective Action
KAVF19116-W	Failed to open the 'hldutil.conf'.	The attempt to open the settings file failed. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** The `hldutil.conf` file cannot be found. Reinstall the program.
KAVF19117-W	Failed to open the file. (*temporary-file-name*)	A temporary file could not be opened. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the status of the indicated file.
KAVF19118-W	Failed to invoke 'metastat' command.	An error occurred in the `metastat` command. **(S)** The information will not be obtained, but processing will continue. **(O)** Check the running status of the `metastat` command.
KAVF19119-W	Failed to invoke 'metaset' command.	An error occurred in the `metaset` command. **(S)** The information will not be obtained, but processing will continue. **(O)** Check the running status of the `metaset` command.
KAVF19150-W	Failed to invoke 'vxdmpadm' command. (*DMP name*)	An error occurred in the `vxdmpadm` command. **(S)** This error occurs when a problem exists in the environment for executing the `vxdmpadm` command: for example, when an attempt is made to enable a controller that cannot be used. The information will not be obtained, but processing will continue. **(O)** Make sure that the `vxdmpadm` command is running.

Message ID	Message	Corrective Action
KAVF19151-W	Failed to invoke 'prtconf -vP' command.	An error occurred in the `prtconf` command. **(S)** This error occurs when a problem exists in the environment for executing the `prtconf` command. The information will not be obtained but the processing will continue executing. **(O)** Check the running status of the `prtconf` command.
KAVF19152-E	Insufficient memory.	There is insufficient memory. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Increase the amount of free memory, and then retry.
KAVF19203-E	Cannot find file. (*temporary-log-file-name*)	A temporary log file does not exist. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.
KAVF19204-E	Failed to write log records. (*temporary-log-file-name*)	A temporary log file could not be written. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.

Message ID	Message	Corrective Action
KAVF19205-E	Cannot create the file. (*temporary-file-name*)	A temporary file (log) needed for processing could not be created. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or some other problem prevents writing.
KAVF19206-E	Failed to write records to the file. (*temporary-file-name*)	A temporary file could not be written. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.
KAVF19207-W	Cannot remove the file. (*temporary-file-name*)	A temporary file could not be deleted. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Use the `DEL` command or its equivalent to delete the indicated file.
KAVF19209-W	Cannot obtain disk device information.	Device information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the power supply and connections to the disk unit.

Message ID	Message	Corrective Action
KAVF19210-E	Cannot find hldutil.conf.	The settings file was not found. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** The `hldutil.conf` file cannot be found. Reinstall the program.
KAVF19211-E	Failed to invoke sub-command. (*subcommand-name*)	The sub-command could not be started. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the system is overloaded or insufficient memory prevents the program from being executed, and then re-execute. If this error occurs repeatedly, reinstall the program.
KAVF19212-E	Insufficient memory.	Insufficient memory **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Increase the amount of free memory, and re-execute.
KAVF19213-E	Permission denied.	You do not have execution privileges. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** A user who is a member of the Administrators group or who has root privileges must execute this command.

Message ID	Message	Corrective Action
KAVF19214-E	Cannot determine privilege level.	Execution privileges cannot be obtained. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** A user who is a member of the Administrators group or who has root privileges must execute this command.
KAVF19215-E	Internal Error (*module-number error-code*)	An internal error occurred. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** The file may be corrupted. If this error often occurs, reinstall the file.
KAVF19216-E	A line in hldutil.conf is incorrect.	The content of the settings file is invalid. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** `hldutil.conf` may be corrupted. Reinstall the program.
KAVF19217-E	Line *line-number* of hldutil.conf is incorrect.	The format of the settings file is invalid. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** `hldutil.conf` may be corrupted. Reinstall the program.
KAVF19218-E	A product name in [DKC List] has more than 16 characters.	The content of the settings file is invalid. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** `hldutil.conf` may be corrupted. Reinstall the program.

Message ID	Message	Corrective Action
KAVF19219-E	Cannot find [DKC List] section in hldutil.conf.	The content of the settings file is invalid. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** `hldutil.conf` may be corrupted. Reinstall the program.
KAVF19220-E	A sub-command is terminated abnormally.	An error occurred in the sub-command **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** The internal command ended abnormally. For details, see the error log.
KAVF19251-W	Failed to invoke 'dlnkmgr view -path -item dn lu cp' command.	An error occurred in the `dlnkmgr` command. **(S)** This error occurs when a problem exists in the environment for executing the `dlnkmgr` command. The information will not be obtained but the processing will continue executing. **(O)** Check the running status of the `dlnkmgr` command.
KAVF19252-W	This VxVM is not supported.	The VxVM version cannot be identified. **(S)** This error occurs when the VxVM version is not supported. The information will not be obtained but the processing will continue executing. **(O)** Check the VxVM version.
KAVF19253-E	The command interpreter was not found. (rc=*return-value*, error=*error-number*)	The command interpreter was not found. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the environment is appropriate for the executing command interpreter by checking the values of the environment variables `ComSpec` and `path`.

Message ID	Message	Corrective Action
KAVF19254-E	An attempt to execute the ver command has failed. (rc=*return-value*, error=*error-number*, cmd=*command*)	An attempt to execute the `ver` command has failed. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the operational status of the `ver` command.
KAVF19255-E	An attempt to acquire the computer name has failed. (error=*error-number*)	An attempt to acquire the computer name has failed. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19300-E	Failed to write log records. (*file-name*)	A temporary log file could not be written. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check that the disk can be read from and written to, and contains sufficient free space.
KAVF19301-E	Failed to obtain device special file name. (*special-file-name*)	The special file name could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the `format` command runs normally.

Message ID	Message	Corrective Action
KAVF19302-E	The log file seems to have some records. (*log-file-name*)	A temporary log file already exists. A third party may have created the temporary log file incorrectly. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed.
KAVF19303-E	Cannot find the file. (*log-file-name*)	A temporary log file does not exist. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.
KAVF19304-W	Cannot create the file. (*temporary-file-name*)	A temporary file cannot be created. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.
KAVF19305-W	Failed to write records to the file. (*temporary-file-name*)	A temporary file could not be written. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.
KAVF19306-W	Failed to invoke lsvg command.	The `lsvg` command could not obtain information. **(S)** This error occurs when the OS does not support the `lsvg` command. The information will not be obtained, but processing will continue. **(O)** Check the running status of the `lsvg` command.

Message ID	Message	Corrective Action
KAVF19307-W	Failed to invoke lspv command.	An error occurred in the `lspv` command. **(S)** This error occurs when the OS does not support the `lspv` command. The information will not be obtained, but processing will continue. **(O)** Check the running status of the `lspv` command.
KAVF19308-W	Failed to read records from the file. (*temporary-file-name*)	A temporary file could not be read. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the status of the indicated temporary file.
KAVF19309-E	Failed to invoke hldu_dkchk command.	The internal command (`hldu_dkchk`) cannot be executed. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the system is overloaded or insufficient memory prevents the program from being executed, and then re-execute. If this error occurs repeatedly, reinstall the program.
KAVF19310-W	Cannot remove the file. (*temporary-file-name*)	A temporary file could not be deleted. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Use the `rm` command or its equivalent to delete the indicated file.

Message ID	Message	Corrective Action
KAVF19312-W	Failed to open the I/O-controller device file. (*device-file-name*, error=*error-number*)	An attempt to open the device file of the I/O controller failed. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the status of the indicated I/O controller device file.
KAVF19313-W	Cannot obtain disk device information. (START IOCTL (device name = *device file name*) (error = *error-number*))	Device information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the power supply and connections to the disk unit.
KAVF19314-W	Failed to invoke *command-name* command.	The system failed to execute the command. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the system is overloaded or insufficient memory prevents the program from being executed, and then re-execute. If this error occurs repeatedly, reinstall the program.
KAVF19315-W	Cannot obtain disk device information. (INQUIRY IOCTL (device name = *device file name*) (error = *error-number*))	Device information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the power supply and connections to the disk unit.

Message ID	Message	Corrective Action
KAVF19316-W	Failed to open the 'hldutil.conf'.	`hldutil.conf` could not be opened. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** The `hldutil.conf` file cannot be found. Reinstall the program.
KAVF19317-W	Failed to open the file. (*temporary-file-name*)	The temporary file could not be opened. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the status of the indicated temporary file.
KAVF19318-W	Failed to obtain I/O-controller device name. (*device-file-name*)	The SCSI controller device file could not be opened. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the status of the SCSI controller device file (indicated in the device file name) that controls I/O for the device.
KAVF19319-W	Failed to *function-name*.(*maintenance information*)	An error occurred during ODM connection. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the connections of the disk unit.
KAVF19350-W	An error occurred in the 'dlnkmgr view -drv' command.	An error occurred in the `dlnkmgr view -drv` command. **(S)** This error occurs when a problem exists in the environment for executing the `dlnkmgr` command. The information will not be obtained, but processing will continue. **(O)** Check the running status of the `dlnkmgr` command.

Message ID	Message	Corrective Action
KAVF19351-W	An error occurred in the 'dlnkmgr view -path -item dn lu hd' command.	An error occurred in the `dlnkmgr view -drv` command. **(S)** This error occurs when a problem exists in the environment for executing the dlnkmgr command. The information will not be obtained, but processing will continue. **(O)** Check the running status of the dlnkmgr command.
KAVF19352-W	Failed to invoke mount(1m) command.	The `mount` command could not obtain information. **(S)** This error occurs when the OS does not support the `mount` command. The information will not be obtained, but processing will continue. **(O)** Check the running status of the `mount` command.
KAVF19353-W	Failed to invoke 'vxdisk list' command.	An error occurred in the `vxdisk list` command. **(S)** This error occurs when either the OS does not support the `vxdisk` command, or the VxVM environment does not exist. The information will not be obtained, but processing will continue. **(O)** Check the running status of the `vxdisk` command. If the VxVM environment does not exist, ignore this message.
KAVF19354-W	Failed to invoke 'vxdmpadm' command. (*DMP-name*)	An error occurred in the `vxdmpadm` command. **(S)** This error occurs in situations such as when an attempt is made to enable a controller that cannot be used. The information will not be obtained, but processing will continue. **(O)** Check the running status of the `vxdmpadm` command.
KAVF19400-E	Failed to write log records. (*file-name*)	A temporary log file could not be written. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check that the disk can be read from and written to, and contains sufficient free space.

Message ID	Message	Corrective Action
KAVF19401-E	Failed to obtain device special file name. (*special-file-name*)	The special file name could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the `ioscan` command runs normally, and then re-execute.
KAVF19402-E	The log file seems to have some records. (*log-file-name*)	A temporary log file already exists. A third party may have created the temporary log file incorrectly. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed.
KAVF19403-E	Cannot find the file. (*log-file-name*)	A temporary log file does not exist. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.
KAVF19404-W	Cannot create the file. (*temporary-file-name*)	A temporary file cannot be created. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.
KAVF19405-W	Failed to write records to the file. (*temporary-file-name*)	A temporary file could not be written. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.

Message ID	Message	Corrective Action
KAVF19406-W	Failed to invoke mount (1m) command.	The `mount` command could not obtain information. **(S)** This error occurs when the OS does not support the `mount` command. The information will not be obtained, but processing will continue. **(O)** Check the running status of the `mount` command.
KAVF19407-W	Failed to invoke 'vxdisk list' command.	An error occurred in the `vxdisk list` command. **(S)** This error occurs when a problem exists in the VxVM environment. The information will not be obtained, but processing will continue. **(O)** Check the running status of the `vxdisk` command.
KAVF19408-W	Failed to read records from the file. (*temporary-file-name*)	A temporary file could not be read. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the status of the indicated temporary file.
KAVF19409-E	Failed to invoke hldu_dkchk command.	The internal command (`hldu_dkchk`) cannot be executed. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the system is overloaded or insufficient memory prevents the program from being executed, and then re-execute. If this error occurs repeatedly, reinstall the program.

Message ID	Message	Corrective Action
KAVF19410-W	Cannot remove the file. (*temporary-file-name*)	A temporary file could not be deleted. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Use the `rm` command or its equivalent to delete the indicated file.
KAVF19412-W	Failed to open the special file. (*special-file-name*, error=*error-number*)	The special file could not be opened. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the `ioscan` command runs normally, and then re-execute.
KAVF19413-W	Cannot obtain disk device information. (DESCRIBE IOCTL (device name = *device file name*) (error = *error-number*))	Device information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the power supply and connections to the disk unit.
KAVF19414-W	Failed to invoke *command-name* command.	The command cannot be invoked. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the system is overloaded or insufficient memory prevents the program from being executed, and then re-execute. If this error occurs repeatedly, reinstall the program.

Message ID	Message	Corrective Action
KAVF19415-W	Cannot obtain disk device information. (INQUIRY IOCTL (device name = *device file name*) (error = *error-number*))	Device information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the power supply and connections to the disk unit.
KAVF19416-W	Failed to open the 'hldutil.conf'.	The settings file (`hldutil.conf`) could not be opened. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** The `hldutil.conf` file cannot be found. Reinstall the program.
KAVF19417-W	Failed to open the file. (*temporary-file-name*)	A temporary file could not be opened. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the status of the indicated temporary file.
KAVF19418-W	Failed to invoke vgdisplay command.	An error occurred in the `vgdisplay` command. **(S)** This error occurs when the OS does not support the `vgdisplay` command. The information will not be obtained, but processing will continue. **(O)** Check the running status of the `vgdisplay` command.
KAVF19450-W	Failed to invoke 'dlnkmgr view -drv' command.	An error occurred in the `dlnkmgr` command. **(S)** This error occurs when a problem exists in the environment for executing the `dlnkmgr` command. The information will not be obtained but the processing will continue executing. **(O)** Check the running status of the `dlnkmgr` command.

Message ID	Message	Corrective Action
KAVF19451-E	Insufficient memory.	There is insufficient memory. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Increase the amount of free memory, and then retry.
KAVF19500-E	An attempt to write log records has failed. (*file-name*)	A temporary log file could not be written. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check that the disk can be read from and written to, and contains sufficient free space.
KAVF19501-E	An attempt to obtain the device special file name has failed. (*special-file-name*)	The special file name could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the content of the `/proc/partitions` file is correct.
KAVF19502-E	The log file already exists. (*log-file-name*)	A temporary log file already exists. A third party may have created the temporary log file incorrectly. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed.
KAVF19503-E	The file could not be found. (*log-file-name*)	A temporary log file does not exist. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.

Message ID	Message	Corrective Action
KAVF19504-W	The file cannot be created. (*temporary-file-name*)	A temporary file cannot be created. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.
KAVF19505-W	An attempt to write records to the file has failed. (*temporary-file-name*)	A temporary file could not be written. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the disk lacks sufficient free space or whether there is some other problem.
KAVF19506-W	An attempt to invoke mount (8) command has failed.	The `mount` command could not obtain information. **(S)** This error occurs when the OS does not support the `mount` command. The information will not be obtained, but processing will continue. **(O)** Check the running status of the `mount` command.
KAVF19507-W	An attempt to invoke 'vgdisplay' command has failed.	An error occurred in the `vgdisplay` command. **(S)** This error occurs when the OS does not support the `vgdisplay` command. The information will not be obtained, but processing will continue. **(O)** Check the running status of the `vgdisplay` command.
KAVF19508-W	An attempt to read records from the file has failed. (*temporary-file-name*)	A temporary file could not be read. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the status of the indicated temporary file.

Message ID	Message	Corrective Action
KAVF19509-E	An attempt to invoke hldu_dkchk command has failed.	The internal command (`hldu_dkchk`) cannot be executed. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the system is overloaded or insufficient memory prevents the program from being executed, and then re-execute. If this error occurs repeatedly, reinstall the program.
KAVF19510-W	The file cannot be deleted. (*temporary-file-name*)	A temporary file could not be deleted. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Use the `rm` command or its equivalent to delete the indicated file.
KAVF19512-W	An attempt to open the special file has failed. (*special-file-name*, error= *error-number*)	The special file could not be opened. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Make sure that the contents of the `/proc/partitions` file are correct.
KAVF19513-W	Disk device information cannot be obtained. (SCSI_IOCTL_GET_IDLUN (device name = *error-number*))	Device information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the power supply and connections to the disk unit.

Message ID	Message	Corrective Action
KAVF19514-W	An attempt to invoke the *command-name* command has failed.	The command cannot be invoked. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the system is overloaded or insufficient memory prevents the program from being executed, and then re-execute. If this error occurs repeatedly, reinstall the program.
KAVF19515-W	Disk device information cannot be obtained. (INQUIRY IOCTL (device name = *device-file-name*)(error = *error-number*))	Device information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the power supply and connections to the disk unit.
KAVF19516-W	An attempt to open the 'hldutil.conf' file has failed.	The settings file (`hldutil.conf`) could not be opened. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** The `hldutil.conf` file cannot be found. Reinstall the program.
KAVF19517-W	An attempt to open the file has failed. (*temporary-file-name*)	A temporary file could not be opened. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the status of the indicated temporary file.

Message ID	Message	Corrective Action
KAVF19518-W	Failed to invoke OS command.(*command-name* rc=*returned-value* error=*error-number*)	An attempt to execute the OS command failed. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the OS command operates normally.
KAVF19550-W	Failed to invoke 'dlnkmgr view -drv' command.	An error occurred in the `dlnkmgr` command. **(S)** This error occurs when a problem exists in the environment for executing the `dlnkmgr` command. The information will not be obtained but the processing will continue executing. **(O)** Check the running status of the `dlnkmgr` command.
KAVF19551-E	Insufficient memory.	There is insufficient memory. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Increase the amount of free memory, and then retry.
KAVF19600-I	Agent Collector has started. (host=*host-name*, service=*service-ID*).	Starting and initializing the Agent Collector service has finished. **(S)** Collecting the performance data begins.
KAVF19601-I	Agent Collector has stopped. (host=*host-name*, service=*service-ID*).	The Agent Collector service will stop due to a stop request of the `jcpstop` command or a Windows service termination. **(S)** Stops the Agent Collector service.
KAVF19602-E	Agent Collector could not start. (rc=*maintenance-code*)	The Agent Collector service processing cannot continue because starting and initializing the Agent Collector service failed. **(S)** Stops the Agent Collector service. **(O)** Confirm `syslog` (for UNIX) or the `eventlog` (for Windows), or confirm the immediately preceding message that was output to the common message log, and follow the instructions.

Message ID	Message	Corrective Action
KAVF19603-E	Agent Collector has aborted. (rc=*maintenance-code*)	The Agent Collector service processing cannot continue because a fatal error occurred during the operation. **(S)** Stops the Agent Collector service. **(O)** Confirm `syslog` (for UNIX) or the `eventlog` (for Windows), or confirm the immediately preceding message that was output to the common message log, and follow the instructions.
KAVF19604-E	Insufficient system resources. (name=*API-name*, rc=*error-code*)	System memory or the handle resource is insufficient. Resource required for the system is insufficient, or the system is unstable because of another application's resource leak. The name indicated in *API-name* is the API which detected the insufficiency of the system resource. The error code indicated in *error-code* can be obtained by using `errno` (for a system call or the runtime library of C) or `GetLastError` (for Win32API). **(S)** If this error occurs during startup processing, the Agent Collector service ends abnormally. If this error occurs after startup has finished (that is, during operation), the Agent service continues monitoring as much as possible, but all operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Reserve the system resource.

Message ID	Message	Corrective Action
KAVF19605-E	An error occurred in an OS API. (name=*API-name*, rc=*API-error-code*)	An error occurred in an API of the operating system. Code indicated in *API-error-code* can be obtained by using `errno` (for system call or the runtime library of C) or `GetLastError` (for Win32API). **(S)** If this error occurs during startup processing, the Agent Collector service ends abnormally. If this error occurs after startup has finished (that is, during operation), the Agent service continues monitoring as much as possible, but all operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** The error cause may be determined from *API-name* and the API *error-code*. If the cause cannot be determined or If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19606-E	An error occurred in a function. (name=*function-name*, rc=*return-value*)	A function error occurred in the function interface between the internal controls. **(S)** Aborts the Agent Collector service. **(O)** Collect maintenance information by using the `jpcras` command, and then contact the system administrator.

Message ID	Message	Corrective Action
KAVF19607-E	A file or directory cannot be accessed. (path=*path*)	An error occurred other than disk space insufficiency during the processing for creating, deleting, reading, or writing a file. The cause may be whether: ▪ The file does not exist. ▪ You do not have the access permission. ▪ The file system is unmounted. ▪ The path that must be specified as a file is specified as a directory (invalid environment). **(S)** If this error occurs during startup processing, the Agent Collector service ends abnormally. If this error occurs after startup has finished (that is, during operation), the Agent service continues monitoring as much as possible, but all operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Confirm the file status and remove the error.
KAVF19608-E	An attempt to create a file or directory failed. (path=*path*, rc=*return-value*)	Creating or extending the file or a directory failed. **(S)** If this error occurs during startup processing, the Agent Collector service ends abnormally. If this error occurs after startup has finished (that is, during operation), the Agent service continues monitoring as much as possible, but all operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Confirm the file or the directory indicated in *path* and then remove the error cause.

Message ID	Message	Corrective Action
KAVF19609-E	The system environment is incorrect. (rc=*maintenance-code*)	The system environment is invalid. This phenomenon occurs when the installation or the setup is incomplete, or when the file system and the registry was deleted or changed incorrectly. If you are in a situation of not being able to use a message catalog, the message is output in English even in a Japanese environment. **(S)** Aborts the Agent Collector service. **(O)** Reinstall the system, or back up all the required data and uninstall the programs, and then reinstall the system. If the cause cannot be determined, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19610-E	Processing was interrupted by a signal. (signal=*signal-number*)	The Agent Collector service processing stopped because a signal was received. **(S)** The Agent Collector service ends.
KAVF19612-E	An internal command error occurred. Please examine the log file.	An error occurred in the internal command. **(S)** If this error occurs during startup processing, the Agent Collector service ends abnormally. If this error occurs after startup has finished (that is, during operation), the Agent service continues monitoring as much as possible, but all operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19613-E	Os information could not be obtained.	Os information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.

Message ID	Message	Corrective Action
KAVF19614-E	Internet Protocol address information cannot be acquired.	IP address information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19615-E	Filesystem information could not be obtained.	File system information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19616-E	The jpcagteparm.ini file could not be opened.	The `jpcagteparm.ini` cannot be opened even though it exists. **(S)** The Agent Service attempts to continue monitoring, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19617-W	The jpcagteparm.ini file is invalid.	The contents of the `jpcagteparm.ini` file are incorrect. **(S)** Uses the IP address obtained by the system, and ignores the IP address specified by a user. **(O)** Correct the `jpcagteparm.ini` file.

Message ID	Message	Corrective Action
KAVF19618-W	The content of the IP address of the jpcagteparm.ini file is invalid. (IP Address=*ip-address*)	The IP address specified in the `jpcagteparm.ini` file is incorrect. **(S)** Uses the IP address obtained by the system, and ignores the IP address specified by a user. **(O)** Correct the `jpcagteparm.ini` file.
KAVF19619-W	Processing was interrupted by a signal. (signal=*signal-number*)	The Agent Collector service processing was stopped, because a signal was received while it was running. **(S)** The Agent Collector service ends.
KAVF19620-E	The service cannot be started because it is already running.	The service is already running. You cannot run a duplicated service. **(S)** Cancels the launch of the service. **(O)** Use the `jpcctrl list` command to check the running status of the service.
KAVF19631-E	Memory is insufficient.	There is insufficient memory. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Increase the amount of free memory.
KAVF19633-E	Illegal function parameter. NULL value. (function=*function-name*, param=*parameter-number*)	The function parameter is invalid. It contains a null value. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.

Message ID	Message	Corrective Action
KAVF19634-E	Illegal function parameter. Invalid value. (function=*function-name*, param=*parameter-number*)	The function parameter is invalid. It contains an invalid value. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19635-E	OS information could not be obtained. (function=*function-name*, errno=*error-number*)	Os information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19636-E	OS information could not be obtained. (command or file=*command-name-or-file-name*, rc=*return-value*)	An error occurred while a command was being executed or a file was being used. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19637-E	OS information could not be obtained. Access is denied. (command or file=*command-name-or-file-name*)	Access is denied. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** You do not have permission to execute the command or perform the file operation. Check that you are a member of the Administrators group or have root privileges needed to execute this command.

Message ID	Message	Corrective Action
KAVF19638-E	OS information could not be obtained. The command was not found. (command=*command-name*)	The file or directory was not found. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the command exists. If the directory configuration is invalid, you need to reinstall.
KAVF19639-E	OS information could not be obtained. There is no executable file. (command or file=*command-name-or-file-name*)	The file cannot be executed. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** The format of the executable file may be invalid or the executable file may be damaged. Check the format of the executable file. If the executable file is damaged, reinstall the file.
KAVF19640-E	OS information could not be obtained. Memory is insufficient. (command or file=*command-name-or-file-name*)	Memory is insufficient. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Increase the amount of free memory.
KAVF19641-E	OS information could not be obtained. Invalid entry in OS information data. (reason=*reason-for-invalidity*)	The format of the operating system information is invalid. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.

Message ID	Message	Corrective Action
KAVF19642-E	OS information could not be obtained. The work file cannot be opened. (errno=*error-number*)	Os information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19643-E	OS information could not be obtained. The work file cannot be opened. Access is denied.	Access is denied. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** You do not have permission to perform the file operation. Check that you are a member of the Administrators group or have root privileges needed to execute this command.
KAVF19644-E	OS information could not be obtained. The work file cannot be opened. There is no such file or directory.	The file or directory was not found. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the file exists. If the directory configuration is invalid, you need to reinstall.
KAVF19645-E	OS information could not be obtained. The work file cannot be opened. Memory is insufficient.	Memory is insufficient. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Increase the amount of free memory.

Message ID	Message	Corrective Action
KAVF19646-E	OS information could not be obtained. The work file cannot be read. (errno=*error-number*)	Os information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19647-E	IP information cannot be obtained. (function=*function-name*, errno=*error-number*)	IP information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19648-E	IP information cannot be obtained. (command or file=*command-name-or-file-name*, rc=*return-value*)	An error occurred during command execution or a file operation. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19649-E	IP information cannot be obtained. Access is denied. (command or file=*command-name-or-file-name*)	Access is denied. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** You do not have permission to execute the command or perform the file operation. Check that you are a member of the Administrators group or have root privileges needed to execute this command.

Message ID	Message	Corrective Action
KAVF19650-E	IP information cannot be obtained. There is no such file or directory. (command or file=*command-name-or-file-name*)	The file or directory was not found. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the command or the file exists. If the directory configuration is invalid, you need to reinstall.
KAVF19651-E	IP information cannot be obtained. There is no executable file. (command or file=*command-name-or-file-name*)	The file cannot be executed. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** The format of the executable file may be invalid or the executable file may be damaged. Check the format of the executable file. If the executable file is damaged, reinstall the file.
KAVF19652-E	IP information cannot be obtained. Memory is insufficient. (command or file=*command-name-or-file-name*)	Memory is insufficient. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Increase the amount of free memory.
KAVF19653-E	IP information cannot be obtained. There is an invalid entry in the IP information data. (reason=*reason-for-invalidity*)	The format of the IP information is invalid. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.

Message ID	Message	Corrective Action
KAVF19654-E	IP information cannot be obtained. The work file cannot be opened. (errno=*error-number*)	IP information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19655-E	IP information cannot be obtained. The work file cannot be opened. Access is denied.	Access is denied. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** You do not have permission to perform the file operation. Check that you are a member of the Administrators group or have root privileges needed to execute this command.
KAVF19656-E	IP information cannot be obtained. The work file cannot be opened. There is no such file or directory.	The file or directory was not found. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the file exists. If the directory configuration is invalid, you need to reinstall.
KAVF19657-E	IP information cannot be obtained. The work file cannot be opened. Memory is insufficient.	Memory is insufficient. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Increase the amount of free memory.

Message ID	Message	Corrective Action
KAVF19659-E	FS information cannot be obtained. (function=*function-name*, errno=*error-number*)	FS information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19660-E	FS information cannot be obtained. An attempt to execute an internal command failed. Access is denied.	Access is denied. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** You do not have permission to execute the command. Check that you are a member of the Administrators group or have root privileges needed to execute this command.
KAVF19661-E	FS information cannot be obtained. An attempt to execute an internal command failed. There is no such file or directory.	The file or directory was not found. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the command or the file exists. If the directory configuration is invalid, you need to reinstall.
KAVF19662-E	FS information cannot be obtained. An attempt to execute an internal command failed. There is no executable file.	The file cannot be executed. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** The format of the executable file may be invalid or the executable file may be damaged. Check the format of the executable file. If the executable file is damaged, reinstall the file.

Message ID	Message	Corrective Action
KAVF19663-E	FS information cannot be obtained. An attempt to execute an internal command failed. Memory is insufficient.	Memory is insufficient. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Increase the amount of free memory.
KAVF19664-E	FS information cannot be obtained. An internal command ended abnormally. (rc=*return-value*)	FS information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check the log of internal commands. If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19665-E	FS information cannot be obtained. The internal command log file could not be obtained. (errno=*error-number*)	FS information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19666-E	FS information cannot be obtained. An internal command log file cannot be obtained. Access is denied.	Access is denied. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** You do not have permission to perform the file operation. Check that you are a member of the Administrators group or have root privileges needed to execute this command.

Message ID	Message	Corrective Action
KAVF19667-E	FS information cannot be obtained. An internal command log file cannot be obtained. There is no such file or directory.	The file or directory was not found. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the file exists. If the directory configuration is invalid, you need to reinstall.
KAVF19668-E	FS information cannot be obtained. An internal command log file cannot be obtained. Memory is insufficient.	Memory is insufficient. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Increase the amount of free memory.
KAVF19669-E	FS information cannot be obtained. The internal command log data contains an invalid entry. (reason=*reason-for-invalidity*)	The format of the IP information is invalid. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.
KAVF19670-E	FS information cannot be obtained. The work file cannot be opened. (errno=*error-number*)	FS information could not be obtained. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.

Message ID	Message	Corrective Action
KAVF19671-E	FS information cannot be obtained. The work file cannot be opened. Access is denied.	Access is denied. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** You do not have permission to perform the file operation. Check that you are a member of the Administrators group or have root privileges needed to execute this command.
KAVF19672-E	FS information cannot be obtained. The work file cannot be opened. There is no such file or directory.	The file or directory was not found. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the file exists. If the directory configuration is invalid, you need to reinstall.
KAVF19673-E	FS information cannot be obtained. The work file cannot be opened. Memory is insufficient.	Memory is insufficient. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Increase the amount of free memory.
KAVF19675-E	FS information cannot be obtained. (command or file=*command-name-or-file-name*, rc=*return-value*)	An error occurred during command execution or a file operation. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** If the problem occurs frequently and the error is not resolved, collect maintenance information by using the `jpcras` command, and then contact the system administrator.

Message ID	Message	Corrective Action
KAVF19676-E	FS information cannot be obtained. Access is denied. (command or file=*command-name-or-file-name*)	Access is denied. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** You do not have permission to execute the command or perform the file operation. Check that you are a member of the Administrators group or have root privileges needed to execute this command.
KAVF19677-E	FS information cannot be obtained. There is no such file or directory. (command or file=*command-name-or-file-name*)	The file or directory was not found. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Check whether the command or the file exists. If the directory configuration is invalid, you need to reinstall.
KAVF19678-E	FS information cannot be obtained. There is no executable file. (command or file=*command-name-or-file-name*)	The file cannot be executed. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** The format of the executable file may be invalid or the executable file may be damaged. Check the format of the executable file. If the executable file is damaged, reinstall the file.
KAVF19679-E	FS information cannot be obtained. Memory is insufficient. (command or file=*command-name-or-file-name*)	Memory is insufficient. **(S)** The Agent service continues monitoring to the extent possible, but all other operations or requests will be rejected. Also, updating of any performance data that was to be obtained at this point will be postponed. **(O)** Increase the amount of free memory.

Message ID	Message	Corrective Action
KAVF19680-W	FS information cannot be obtained. A product configuration file does not exist. (file=*file-name*)	The product configuration file indicated by the file name does not exist. **(S)** Information is collected, but Product Name and Unit ID are not acquired. In addition, the values of LDEV Number and Serial Number are not assured. **(O)** Reinstall the product.
KAVF19681-W	FS information cannot be obtained. Access permissions for the product configuration file are insufficient. (file=*file-name*)	An attempt to access the specified product configuration file failed. **(S)** Information is collected, but Product Name and Unit ID are not acquired. In addition, the values of LDEV Number and Serial Number are not assured. **(O)** Reinstall the product.
KAVF19682-W	FS information cannot be obtained. The product configuration file has been corrupted. (file=*file-name*)	The specified product configuration file has been corrupted. **(S)** Information is collected, but Product Name and Unit ID are not acquired. In addition, the values of LDEV Number and Serial Number are not assured. **(O)** Reinstall the product.
KAVF19683-W	FS information cannot be obtained. An unsupported RAID device was detected. (vendor=*vendor-name*, product=*product-name*)	An unsupported RAID system was detected. **(S)** Information is collected, but Product Name and Unit ID are not acquired. In addition, the values of LDEV Number and Serial Number are not assured.
KAVF19684-W	FS information cannot be obtained. The port configuration file does not exist. (file=*file-name*)	The specified product configuration file does not exist. **(S)** Information is collected, however, Port ID cannot be acquired. **(O)** Reinstall the product.
KAVF19685-W	FS information cannot be obtained. Access permissions for the port configuration file are insufficient. (file=*file-name*)	An attempt to access the specified product configuration file failed. **(S)** Information is collected, however, Port ID cannot be acquired. **(O)** Reinstall the product.

Message ID	Message	Corrective Action
KAVF19686-W	FS information cannot be obtained. The port configuration file has been corrupted. (file=*file-name*)	The specified product configuration file has been corrupted. **(S)** Information is collected, however, Port ID cannot be acquired. **(O)** Reinstall the product.
KAVF19687-W	FS information cannot be obtained. An unsupported port name was detected. (port=*port-name*)	An unsupported RAID system was detected. **(S)** Information is collected, however, Port ID cannot be acquired.
KAVF19688-W	This RAID level is not supported. (RAID level= *RAID level*)	Unsupported RAID level. **(S)** Information is collected, however, the RAID level value cannot be guaranteed.

4.9 Agent Messages (Agent for Microsoft SQL Server)

This section lists the output destinations of Agent for Microsoft SQL Server messages, lists the messages output to the Windows event log, and lists and explains the messages.

4.9.1 Message Output Destinations (Agent for Microsoft SQL Server)

Table 4.19 lists the output destinations of the messages issued by Agent for Microsoft SQL Server.

Table 4.19 Output Destinations of Agent for Microsoft SQL Server Messages

Output Destinations	Message ID
▪ Common message log	KAVF21200, KAVF21400 - KAVF21411, KAVF21600, KAVF21608, KAVF21700, KAVF21614, KAVF21845
▪ Common message log ▪ Windows event log	KAVF21001 - KAVF21004, KAVF21601 - KAVF21607, KAVF21609 - KAVF21613
▪ Agent log (normal log)	KAVF21800 - KAVF21809, KAVF21818, KAVF21819, KAVF21823, KAVF21825, KAVF21827
▪ Agent log (error log)	KAVF21810 - KAVF21817, KAVF21820 - KAVF21822, KAVF21824, KAVF21826, KAVF21828 - KAVF21844, KAVF21846

4.9.2 Messages Output to the Windows Event Log (Agent for Microsoft SQL Server)

This section lists the messages that Agent for Microsoft SQL Server outputs to the Windows event log.

The Windows event log is displayed in the following locations:

- In Windows 2000

  The Windows event log is displayed as an application log in the Event Viewer window. To open the Event Viewer window, from the Windows **Start** menu, click **Settings**, **Control Panel**, **Administrative Tools**, and then **Event Viewer**.

- In Windows Server 2003

  The Windows event log is displayed as an application log in the Event Viewer window. To open the Event Viewer window, from the Windows **Start** menu, click **Administrative Tools**, and then **Event Viewer**.

For an event issued by Agent for Microsoft SQL Server, the identifier `PFM-SQL` is displayed in the **Source** column of the Event Viewer window.

Table 4.20 lists the messages that Agent for Microsoft SQL Server outputs to the Windows event log.

Table 4.20 Messages Output to Windows Event Log

Message ID	Windows Event Log	
	Event ID	Type
KAVF21001	21001	Information
KAVF21002	21002	Error
KAVF21003	21003	Information
KAVF21004	21004	Error
KAVF21601	21601	
KAVF21602	21602	
KAVF21603	21603	
KAVF21604	21604	
KAVF21605	21605	
KAVF21606	21606	
KAVF21607	21607	
KAVF21609	21609	
KAVF21610	21610	
KAVF21611	21611	
KAVF21612	21612	
KAVF21613	21613	

4.9.3 Messages (Agent for Microsoft SQL Server)

Table 4.21 explains the messages issued by Agent for Microsoft SQL Server, and explains what actions to take in response to the messages.

Table 4.21 Messages Issued by Agent for Microsoft SQL Server

Message ID	Message	Corrective Action
KAVF21001-I	Agent Collector has stopped. (host=*host-name*, service=*service-ID*)	The Agent Collector service terminated normally. **(S)** Processing for the Agent Collector service stops.
KAVF21002-E	Agent Collector has failed to start.	An attempt to start the Agent Collector service has failed. **(S)** Processing for the Agent Collector service stops. **(O)** Check the immediately preceding message that was issued to the common message log and take appropriate action.
KAVF21003-I	Agent Collector has started. (host=*host-name*, service=*service-ID*)	Startup for the Agent Collector service has completed. **(S)** Processing to collect performance data for the Agent Collector service starts.
KAVF21004-E	Agent Collector has stopped abnormally.	The Agent Collector service terminated abnormally. **(S)** Processing for the Agent Collector service stops. **(O)** Check the immediately preceding message that was output to the event log and common message log and take appropriate action.
KAVF21200-I	The connection to the SQL Server has been recovered.	Connection to Microsoft SQL Server was recovered during record collection processing. **(S)** Processing to collect records for the Agent Collector service continues.

Message ID	Message	Corrective Action
KAVF21400-W	An attempt to connect to the SQL Server has failed.	A connection to the monitoring target Microsoft SQL Server could not be established. **(S)** Processing for the Agent Collector service continues. **(O)** Ensure that the Microsoft SQL Server has been started. Also ensure that the following items entered during the creation of the instance environment were correct: ▪ *Instance-name* of Microsoft SQL Server ▪ `SQL_HOST` (host name) ▪ `SQL_USER` (user name) ▪ `SQL_PASSWORD` (password) If the *Instance-name* of Microsoft SQL Server is incorrect, cancel setup of the instance environment, and then set up the instance environment again with a correct instance name. If other items are incorrectly specified, update the instance environment with correct values.
KAVF21401-W	Data collection for *record-name* has failed.	The data necessary for creating the record indicated by *record-name* could not be collected. **(S)** Processing for the Agent Collector service continues. **(O)** If this message is output repeatedly, ensure that the system environment settings for the monitoring target system are correct. If you cannot determine the cause of the problem, collect maintenance information and then contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF21402-W	Agent Collector has failed in opening the SQL Server log file. (path=*log-file-path*)	An attempt to open the Microsoft SQL Server error log file failed. **(S)** Processing for the Agent Collector service continues. **(O)** Ensure that the following item entered during the creation of the instance environment was correct: ▪ `SQL_ERRORLOG` (error log file name) If this item is incorrectly specified, update the instance environment with a correct setting.

Message ID	Message	Corrective Action
KAVF21403-W	Agent Collector has failed to open registry key *registry-name*, with error code *maintenance-code*.	An attempt to open the registry indicated by *registry-name* failed. *maintenance-code* is a Win32 system error code. **(S)** Processing for the Agent Collector service continues. **(O)** Ensure that OS resources are sufficient and that no error has occurred in the OS itself.
KAVF21404-W	Agent Collector has failed to get the value of registry key *registry-name*, with error code *maintenance-code*.	An attempt to load the registry indicated by *registry-name* failed. *maintenance-code* is a Win32 system error code. **(S)** Processing for the Agent Collector service continues. **(O)** Ensure that Microsoft SQL Server has been installed correctly and that no error has occurred in the OS itself.
KAVF21405-W	No entry for *setting-item* in the service startup initialization file. The default value is *default-value*.	The value indicated by *setting-item* could not be obtained from the service startup initialization file. **(S)** Uses the default value for the setting item. **(O)** Use the `jpcinslist` command to confirm that each property of the Agent has been set correctly. If there is an error, reset the property.
KAVF21406-W	The specified file *file-name* is not an error log file of SQL Server.	Because the specified error log file is not an error log file of Microsoft SQL Server, data on the Microsoft SQL Server error log could not be collected. **(S)** Data for the Microsoft SQL Server error logs is not collected, and processing for the Agent Collector service continues. **(O)** Ensure that the following item entered during the creation of the instance environment was correct: ▪ `SQL_ERRORLOG` (error log file name) If this item is incorrectly specified, update the instance environment with the correct setting.

Message ID	Message	Corrective Action
KAVF21407-W	The version of the specified error log file *file-name* of SQL Server is not supported.	Because the specified error log file is an error log file of Microsoft SQL Server not supported by Agent for Microsoft SQL Server, data on the Microsoft SQL Server error log could not be collected. **(S)** Data for the Microsoft SQL Server error logs is not collected, and processing for the Agent Collector service continues. **(O)** Ensure that the monitoring target Microsoft SQL Server is a version supported by Agent for Microsoft SQL Server.
KAVF21408-W	Agent Collector could not collect the record for the SQL Server Log due to the wrong format of jpcagt.ini file.	The record for the Microsoft SQL Server error log could not be collected because the `jpcagt.ini` file was invalid. **(S)** Data for the Microsoft SQL Server error logs is not collected, and processing for the Agent Collector service continues. **(O)** First, check the following and take the appropriate action: ▪ Is access permission to the `jpcagt.ini` file granted? If not, assign access permission to the `jpcagt.ini` file. ▪ Is the `jpcagt.ini` file write-enabled? If not, write-enable the `jpcagt.ini` file. If neither of the above is applicable, the `jpcagt.ini` file is damaged. To repair the file: 1. Stop the service of the Agent for Microsoft SQL Server instance environment. 2. Copy the `jpcagt.ini.model` file to the `jpcagt.ini` file. Copy source: *installation-folder*`\agtq\agent\`*instance-name*`\jpcagt.ini.model` Copy destination: *installation-folder*`\agtq\agent\`*instance-name*`\jpcagt.ini` 3. Start the service of Agent for Microsoft SQL Server. 4. Set up record collection. Use the `jpcinssetup` command to specify an appropriate value in each property of the Agent.

Message ID	Message	Corrective Action
KAVF21409-W	Agent property *setting-item* has been set to the minimum value *minimum-value* since the specified value exceeded the lower limit of the property.	The minimum allowed value was set, because a value smaller than the range of specifiable values was specified as an Agent property. **(S)** Ignores the specified value, sets the minimum value, and continues processing. **(O)** Check whether the specified value is acceptable. If it is not, re-specify an appropriate value.
KAVF21410-W	Agent property *setting-item* has been set to the maximum value *maximum-value* since the specified value exceeded the upper limit of the property.	The maximum allowed value was set, because a value greater than the range of specifiable values was specified as an Agent property. **(S)** Ignores the specified value, sets the maximum value, and continues processing. **(O)** Check whether the specified value is acceptable. If it is not, re-specify an appropriate value.
KAVF21411-W	A non-numeral character is specified to the Agent property field.	The item value could not be updated, because a non-numerical value was specified in the Agent property field, which requires a numerical value. **(S)** Ignores the specified value and continues processing using the existing value. **(O)** Make sure that only a numerical value is specified.
KAVF21600-E	Initialization of the trace log is failed due to: *cause*	An attempt to initialize log output processing failed. **(S)** Processing for the Agent Collector service stops. **(O)** Ensure that no error has occurred in the OS itself.
KAVF21601-E	Initialization of Agent Collector has failed.	An attempt to load the service startup initialization file failed during startup processing for the Agent Collector service. **(S)** Processing for the Agent Collector service stops. **(O)** Ensure that the service startup initialization file (`jpcagt.ini`) is located under *installation-folder*`\agtq\agent\`*instance-name*.

Message ID	Message	Corrective Action
KAVF21602-E	No entry for the SQL Server instance name in the service startup initialization file.	An attempt to obtain the instance name of the monitored Microsoft SQL Server instance from the service startup initialization file failed during startup processing for the Agent Collector service. **(S)** Processing for the Agent Collector service stops. **(O)** Ensure that the following item entered during the creation of the instance environment was correct: ▪ *Instance-name* of Microsoft SQL Server If this item is incorrectly specified, cancel setup of the instance environment, and then set up the instance environment again with a correct instance name.
KAVF21603-E	No login ID for instance *instance-name* in the service startup initialization file.	An attempt to obtain the account name (user name) of the monitored Microsoft SQL Server instance from the service startup initialization file failed during startup processing for the Agent Collector service. **(S)** Processing for the Agent Collector service stops. **(O)** Ensure that the following item entered during the creation of the instance environment was correct: ▪ `SQL_USER` (*user-name*) If this item is incorrectly specified, update the instance environment with a correct setting.
KAVF21604-E	No password entry for instance *instance-name* in the service startup initialization file.	An attempt to obtain the password of the monitored Microsoft SQL Server instance from the service startup initialization file failed during startup processing for the Agent Collector service. **(S)** Processing for the Agent Collector service stops. **(O)** Ensure that the following item entered during the creation of the instance environment was correct: ▪ `SQL_PASSWORD` (*password*) If this item is incorrectly specified, update the instance environment with a correct setting.

Message ID	Message	Corrective Action
KAVF21605-E	No log file path to the SQL Server for instance *instance-name* in the service startup initialization file.	An attempt to obtain the log file path of the monitored Microsoft SQL Server instance from the service startup initialization file failed during startup processing for the Agent Collector service. **(S)** Processing for the Agent Collector service stops. **(O)** Ensure that the following item entered during the creation of the instance environment was correct: ▪ `SQL_ERRORLOG` (*error-log-file-name*) If this item is incorrectly specified, update the instance environment with a correct setting.
KAVF21606-E	An error occurred during initialization of the SQL Server API.	An attempt to initialize the database access API failed. **(S)** Processing for the Agent Collector service stops. **(O)** Ensure that no error has occurred in the OS itself.
KAVF21607-E	Initialization of TCP/IP has failed, with error code *maintenance-code*.	An attempt to perform TCP/IP initialization failed during startup processing for the Agent Collector service. **(S)** Processing for the Agent Collector service stops. **(O)** Ensure that the network settings are correct.
KAVF21608-E	The execution of the SQL query has failed, with error code *maintenance-code*.	Execution of SQL query failed during data collection. **(S)** Processing for the Agent Collector service continues. **(O)** If this message is output repeatedly, ensure that the system environment settings for the monitoring target system are correct. If you cannot determine the cause of the problem, collect maintenance information and then contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.

Message ID	Message	Corrective Action
KAVF21609-E	No host name for instance *instance-name* in the service startup initialization file.	An attempt to obtain the host name of the monitored Microsoft SQL Server instance from the service startup initialization file failed during startup processing for the Agent Collector service. **(S)** Processing for the Agent Collector service stops. **(O)** Ensure that the following item entered during the creation of the instance environment was correct: ▪ SQL_HOST (*host-name*) If this item is incorrectly specified, update the instance environment with a correct setting.
KAVF21610-E	Agent Collector could not connect to the SQL Server due to the SQL Server Authentication failure.	Connection to the Microsoft SQL Server could not be established using the SQL Server authentication mode. **(S)** Processing for the Agent Collector service stops. **(O)** Ensure that the following items entered during the creation of the instance environment were correct: ▪ SQL_HOST (*host-name*) ▪ SQL_USER (*user-name*) ▪ SQL_PASSWORD (*password*) If these items are incorrectly specified, update the instance environment with correct values.
KAVF21611-E	Agent Collector could not connect to the SQL Server due to the Windows Authentication failure.	Connection to the Microsoft SQL Server could not be established using the Windows authentication mode. **(S)** Processing for the Agent Collector service stops. **(O)** Ensure that the following items entered during the creation of the instance environment were correct: ▪ SQL_HOST (host name) ▪ SQL_USER (user name) If these items are incorrectly specified, update the instance environment with correct values.

Message ID	Message	Corrective Action
KAVF21612-E	While executing *function-name* function *called-function-name* failed.	An error occurred during the execution of the function indicated by *function-name*. **(S)** Processing for the Agent Collector service stops. **(O)** Collect maintenance information and then contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF21613-E	*exception-name* exception raised. (Detail: *detailed-information*)	The exception indicated by *exception-name* occurred. **(S)** Processing for the Agent Collector service stops. **(O)** Collect maintenance information and then contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF21614-E	Failed to output to Agent log. *OS-function* failed. Error code = "*error-code*".	An attempt to output an Agent log has failed. The indicated *OS-function* failed due to the error indicated by *error-code*. **(S)** Continues Agent Collector processing. Subsequent Agent logs will not be collected until the error has been corrected. **(O)** Check the output destination path of the Agent log and access permissions.
KAVF21700-E	Memory allocation for object *object-name* has failed.	An attempt to allocate memory for the object indicated by *object-name* has failed. **(S)** Processing for the Agent Collector service stops. **(O)** Increase the available memory.
KAVF21800-I	Server: *computer-name*, User: *user-name*, Errorlog: *SQL-Server-error-log-file-path*	The information of the Agent Collector service for Microsoft SQL Server will be recorded. **(S)** Starts the processing of the Agent Collector service.

Message ID	Message	Corrective Action
KAVF21801-I	Agent Collector started : *processing*	The Agent Collector service is starting. *processing* will be represented by one of the following: ▪ Now starting ▪ TCP/IP Initialization Successful ▪ Initializing **(S)** Starts the Agent Collector service.
KAVF21802-I	Agent Collector ended.	The Agent Collector service is stopping. **(S)** Stops the Agent Collector service.
KAVF21803-I	Records collection started.	The processing to collect records is started. **(S)** Starts the processing to collect records of the Agent Collector service.
KAVF21804-I	Connection to SQL Server started. Authentication : *authentication-method*	The connection to Microsoft SQL Server is started. **(S)** Starts the processing to connect to Microsoft SQL Server.
KAVF21805-I	Connection to SQL Server ended normally.	The connection to Microsoft SQL Server is established. **(S)** The connection to Microsoft SQL Server has been established. The system continues processing.
KAVF21806-I	The process of the record started = *record-name*	The processing for the relevant record has started. **(S)** Starts the processing for the relevant record of the Agent Collector service.
KAVF21807-I	Getting record ended = *record-name* -> Storing started [count = *the-number-of-records*]	The processing to collect the data of the relevant record has ended. **(S)** The processing to collect the data of the relevant record has ended. The system starts storing the collected data in the Store database.
KAVF21808-I	The Process of the record ended = *record-name*	The processing for the relevant record has ended. **(S)** Ends the processing for the relevant record of the Agent Collector service.
KAVF21809-I	Records collection ended.	The processing to collect records has ended. **(S)** Ends the processing to collect records of the Agent Collector service.

Message ID	Message	Corrective Action
KAVF21810-E	An attempt to connect to SQL Server failed. (*details-of-Microsoft-SQL-Server-error*)	An error occurred in the processing to connect to Microsoft SQL Server. *details-of-Microsoft-SQL-Server-error* indicates the error code returned from Microsoft SQL Server (ADO). If a message corresponding to the error code is returned from Microsoft SQL Server, the message will also be displayed. **(S)** Continues the processing of the Agent Collector service. **(O)** Make sure that the Microsoft SQL Server has started. In addition, make sure that the following items entered during the creation of the instance environment are correct: ▪ *Instance-name* of Microsoft SQL Server ▪ `SQL_HOST` (host name) ▪ `SQL_USER` (user name) ▪ `SQL_PASSWORD` (password) If the *instance-name* of Microsoft SQL Server is incorrect, cancel setup of the instance environment, and then set up the instance environment again with a correct instance name. If other items are incorrectly specified, update the instance environment with correct values. If Microsoft SQL Server started normally and the above items are correct, remove the cause of the error that the Microsoft SQL Server error code indicates. For details about the Microsoft SQL Server error code, refer to the document of Microsoft SQL Server.
KAVF21811-E	An error occurred in OS function *Win32-API-name*. (rc = *maintenance-code*)	An error occurred in the function indicated by *Win32-API-name*. *maintenance-code* indicates the Win32 system error code. **(S)** Stops the Agent Collector service. **(O)** Make sure that the OS has sufficient resources and that no errors have occurred in the OS. If this message is output repeatedly, check the system environment settings for the program being monitored. If you cannot identify the cause of the error, collect maintenance information, and then contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.

Message ID	Message	Corrective Action
KAVF21812-E	SQL Server (ADO) returned an error. (rc = *Microsoft-SQL-Server-error-code*, msg = *error-message-from-Microsoft-SQL-Server*)	An error was returned when accessing Microsoft SQL Server. **(S)** Continues the processing of the Agent Collector service. **(O)** Make sure that Microsoft SQL Server has started, and then remove the cause of the error that the Microsoft SQL Server error code indicates. If a Microsoft SQL Server error message exists, the message corresponding to the error code will be output. For details about the Microsoft SQL Server error code, refer to the document of Microsoft SQL Server.
KAVF21813-E	SQL Server (ADO) returned an error. (rc = *Microsoft-SQL-Server-error-code*, method = *ADO-method-name*, msg = *error-message-from-Microsoft-SQL-Server*)	An error was returned when accessing Microsoft SQL Server via ADO (Microsoft ActiveX data object). **(S)** Continues the processing of the Agent Collector service. **(O)** Make sure that Microsoft SQL Server has started, and then remove the cause of the error that the Microsoft SQL Server error code indicates. If a Microsoft SQL Server error message exists, the message corresponding to the error code will be output. For details about the Microsoft SQL Server error code, refer to the document of Microsoft SQL Server.
KAVF21814-E	An attempt to open an SQL Server log file failed. (rc = *maintenance-code*, path = *log-file-path*)	An attempt to open the Microsoft SQL Server error log file failed. **(S)** Continues the processing of the Agent Collector service. *maintenance-code* indicates the Win32 system error code. **(O)** Make sure that the following item entered during the creation of the instance environment is correct: ▪ `SQL_ERRORLOG` (error log file name) If this item is incorrectly specified, update the instance environment with a correct setting.

Message ID	Message	Corrective Action
KAVF21815-E	An error occurred: *error-details*	An error occurred during Agent Collector service processing. **(S)** Stops Agent Collector processing. **(O)** Make sure that the OS has sufficient resources and that no errors have occurred in the OS. If this message is issued repeatedly, check the system environment settings for the program being monitored. If you cannot identify the cause of the error, collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF21816-E	An exception occurred: *details-of-an-exception-error*	An exception error occurred during the Agent Collector service processing. **(S)** Continues the processing of the Agent Collector service. **(O)** Make sure that the OS has sufficient resources and that no errors have occurred in the OS. If this message is output repeatedly, check the system environment settings for the program being monitored. If you cannot identify the cause of the error, collect maintenance information, and then contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF21817-W	A warning-level error occurred: *warning-error-details*	A warning error occurred during Agent Collector service processing. **(S)** Continues Agent Collector processing. **(O)** Make sure that: ▪ The OS has sufficient resources. ▪ No errors have occurred in the OS. ▪ The system environment to be monitored is set up correctly.
KAVF21818-I	Process *processing-name* started.	The Agent Collector service has started the processing of *processing-name*. **(S)** The Agent Collector service starts the processing of *processing-name*.

Message ID	Message	Corrective Action
KAVF21819-I	Process *processing-name* ended.	The Agent Collector service has finished the processing of *processing-name*. **(S)** The Agent Collector service finished the processing of *processing-name*.
KAVF21820-E	Process *processing-name* failed.	The Agent Collector service detected an error in the processing of *processing-name*. **(S)** Continues the process of the Agent Collector service.
KAVF21821-W	The value of the agent property *property-name* is invalid or not within the allowable range. (Allowable range: *range-value*)	An invalid value or a value outside the valid range was specified for a property of the Agent Collector service. **(S)** Invalidates the specified value and continues the processing. The value of the indicated property remains unchanged. **(O)** Check the specified value. If there is a problem with the value, specify a valid value.
KAVF21822-W	Connection to SQL Server will be retried.	Because an attempt to connect to Microsoft SQL Server failed, the processing to connect will be retried. **(S)** Retries to connect to Microsoft SQL Server.
KAVF21823-I	Agent Collector has stopped. (host= *host-name* ,service= *service-ID*)	Agent Collector has stopped normally. **(S)** Stops the processing of the Agent Collector service.
KAVF21824-E	Agent Collector has failed to start.	An attempt to start Agent Collector failed. **(S)** Stops the processing of the Agent Collector service. **(O)** Check the immediately preceding message that was output to the common message log, and follow the instructions for resolving the problem.
KAVF21825-I	Agent Collector has started. (host=*host-name*, service= *service-ID*)	Agent Collector has started. **(S)** Starts collecting performance data for the Agent Collector service.

Message ID	Message	Corrective Action
KAVF21826-E	Agent Collector has stopped abnormally.	Agent Collector has stopped abnormally. **(S)** Stops the processing of the Agent Collector service. **(O)** Check the immediately preceding message that was output to the event log and common message log and take appropriate action.
KAVF21827-I	The connection to the SQL Server has been recovered.	Connection to Microsoft SQL Server was recovered during record collection processing. **(S)** Continues the processing to collect records of the Agent Collector service.
KAVF21828-W	Agent Collector has failed in opening the SQL Server log file. (path=*log-file-path*)	An attempt to open the Microsoft SQL Server error log file failed. **(S)** Continues the processing of the Agent Collector service. **(O)** Make sure that the following item entered during the creation of the instance environment is correct: ▪ `SQL_ERRORLOG` (error log file name) If this item is incorrectly specified, update the instance environment with a correct setting.
KAVF21829-W	Agent Collector has failed to open registry key *registry-name*, with error code *maintenance-code*.	An attempt to open the registry indicated by *registry-name* failed. *maintenance-code* indicates the Win32 system error code. **(S)** Continues the processing of the Agent Collector service. **(O)** Make sure that the OS has sufficient resources and that no errors have occurred in the OS.
KAVF21830-W	Agent Collector has failed to get the value of registry key *registry-name*, with error code *maintenance-code*.	An attempt to read the registry indicated by *registry-name* failed. *maintenance-code* indicates the Win32 system error code. **(S)** Continues the processing of the Agent Collector service. **(O)** Make sure that Microsoft SQL Server has been installed correctly and that no errors have occurred in the OS.

Message ID	Message	Corrective Action
KAVF21831-W	No entry for *setting-item* in the service startup initialization file. The default value is *default-value*.	The value indicated by *setting-item* could not be obtained from the service startup initialization file. **(S)** Uses the default value for the setting item. **(O)** Use the `jpcinssetup` command to confirm that each property of the Agent has been set correctly. If there is an error, reset the property.
KAVF21832-W	The specified file *file-name* is not an error log file of SQL Server.	Because the specified error log file is not an error log file of Microsoft SQL Server, data on the Microsoft SQL Server error log could not be collected. **(S)** Data for the Microsoft SQL Server error logs is not collected, and processing for the Agent Collector service continues. **(O)** Ensure that the following item entered during the creation of the instance environment was correct: ▪ `SQL_ERRORLOG` (error log file name) If this item is incorrectly specified, update the instance environment with the correct setting.
KAVF21833-W	The version of the specified error log file *file* of SQL Server is not supported.	Because the specified error log file belongs to a version of Microsoft SQL Server not supported by Agent for Microsoft SQL Server, data in the Microsoft SQL Server error log could not be collected. **(S)** Does not collect data in the Microsoft SQL Server error log, and continues the processing of the Agent Collector service. **(O)** Make sure that the version of the monitoring target Microsoft SQL Server is supported by Agent for Microsoft SQL Server.
KAVF21834-E	Initialization of the trace log is failed due to: *reason*	Initialization of the log output processing failed. **(S)** Stops the processing of the Agent Collector service. **(O)** Make sure that no errors have occurred in the OS.

Message ID	Message	Corrective Action
KAVF21835-E	No login ID for instance *instance-name* in the service startup initialization file.	An attempt to obtain the account name (user name) of the monitored Microsoft SQL Server instance from the service startup initialization file failed during startup processing for Agent Collector. **(S)** Stops the processing of the Agent Collector service. **(O)** Make sure that the following item entered during the creation of the instance environment is correct: ▪ `SQL_USER` (user name) If this item is incorrectly specified, update the instance environment with a correct setting.
KAVF21836-E	No password entry for instance *instance-name* in the service startup initialization file.	An attempt to obtain the password of the monitored Microsoft SQL Server instance from the service startup initialization file failed during startup processing for Agent Collector. **(S)** Stops the processing of the Agent Collector service. **(O)** Make sure that the following item entered during the creation of the instance environment is correct: ▪ `SQL_PASSWORD` (password) If this item is incorrectly specified, update the instance environment with a correct setting.
KAVF21837-E	No log file path to the SQL Server for instance *instance-name* in the service startup initialization file.	An attempt to obtain the log file path of the monitored Microsoft SQL Server instance from the service startup initialization file failed during startup processing for Agent Collector. **(S)** Stops the processing of the Agent Collector service. **(O)** Make sure that the following item entered during the creation of the instance environment is correct: ▪ `SQL_ERRORLOG` (error log file name) If this item is incorrectly specified, update the instance environment with a correct setting.
KAVF21838-E	Initialization of TCP/IP has failed, with error code *maintenance-code*.	Initialization of TCP/IP failed during Agent Collector startup processing. **(S)** Stops the processing of the Agent Collector service. **(O)** Make sure that the network settings are correct.

Message ID	Message	Corrective Action
KAVF21839-E	The execution of the SQL query has failed, with error code *maintenance-code*.	Execution of SQL query failed during data collection. **(S)** Continues the processing of the Agent Collector service. **(O)** If this message is output repeatedly, make sure that the system environment settings for the monitoring target system are correct. If you cannot determine the cause of the problem, collect maintenance information, and then contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF21840-E	No host name for instance *instance-name* in the service startup initialization file.	An attempt to obtain the host name of the monitored Microsoft SQL Server instance from the service startup initialization file failed during startup processing for Agent Collector. **(S)** Stops the processing of the Agent Collector service. **(O)** Make sure that the following item entered during the creation of the instance environment is correct: ▪ `SQL_HOST` (host name) If this item is incorrectly specified, update the instance environment with a correct setting.
KAVF21841-E	While executing "*function-name*" function "*called-function-name*" failed.	An error occurred during execution of the function indicated by *function-name*. **(S)** Stops Agent Collector processing. **(O)** Collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF21842-E	"*exception-name*" exception raised. (Detail: "*detailed-information*")	The indicated exception occurred. **(S)** Stops Agent Collector processing. **(O)** Collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.

Message ID	Message	Corrective Action
KAVF21843-E	Memory allocation for object *object-name* has failed.	An attempt to secure memory for the object indicated by *object-name* failed. **(S)** Stops the processing of the Agent Collector service. **(O)** Increase the amount of available memory space.
KAVF21844-E	The version of target SQL Server is not supported. (Ver= *version-of-connection-destination-SQL-Server*)	The version of the specified Microsoft SQL Server is not supported. **(S)** Stops the processing of the Agent Collector service. **(O)** Make sure that the version of the monitored Microsoft SQL Server is supported by Agent for Microsoft SQL Server.
KAVF21845-I	Agent log. path = "*Agent-log-output-folder-path*"	The system has recorded that the path for Agent log output is the folder indicated by *Agent-log-output-folder-path*. **(S)** Continues Agent Collector processing.
KAVF21846-W	Getting record error ("*record-name"*). This record is only in drilldown reports.	The record indicated in *record-name* could not be obtained. This record is displayed only in drilldown reports. **(S)** Continues processing the Agent Collector service. **(O)** Associate this record with a record whose fields contain the key field unique to the above record so that it is displayed in drilldown reports. For details on how to define and display drilldown reports, see the *HiCommand Tuning Manager User's Guide*.

4.10 Agent Messages (Agent for NAS)

This section lists the output destinations of Agent for NAS messages, lists the messages output to syslog and the Windows event log, and lists and explains the messages.

4.10.1 Message Output Destinations (Agent for NAS)

Table 4.22 lists the output destinations of the messages issued by Agent for NAS.

Table 4.22 Output Destinations of Agent for NAS Messages

Output Destinations	Message ID
▪ Common message log	KAVF24100, KAVF24113, KAVF24118, KAVF24131 - KAVF24135, KAVF24137 - KAVF24140, KAVF24151 - KAVF24155
▪ Common message log ▪ syslog ▪ Windows event log	KAVF24001 - KAVF24004, KAVF24101, KAVF24105, KAVF24107, KAVF24112, KAVF24114, KAVF24116, KAVF24120, KAVF24121, KAVF24130, KAVF24150

4.10.2 Messages Output to Syslog and the Windows Event Log (Agent for NAS)

This section lists the messages output by Agent for NAS to syslog and the Windows event log.

System log events are output to the syslog file. For information on where the syslog file is stored, see the syslog daemon configuration file (default is `/etc/syslogd.conf`).

The Windows event log is displayed at the following location:

- On Windows 2000

  The Windows event log is displayed in the **Application Log** of the Event Viewer window.

  To display the Event Viewer window, from the Windows **Start** menu, choose **Settings**, **Control Panel**, **Administrative Tools**, and then **Event Viewer**.

- On Windows Sever™ 2003

  The Windows event log is displayed in the **Application Log** of the Event Viewer window.

  To display the Event Viewer window, from the Windows **Start** menu, choose **Administrative Tools**, and then **Event Viewer**.

For events output by Agent for NAS, the identifier **PFM-NAS** is displayed under **Source** in the Event Viewer window.

Table 4.23 lists the message information output by Agent for NAS to syslog and to the Windows event log.

Table 4.23 Messages Output to Syslog and Windows Event Log

Message ID	Syslog		Windows Event Log	
	Facility	Level	Event ID	Type
KAVF24001-I	LOG_DAEMON	LOG_INFO	24001	Information
KAVF24002-E		LOG_ERR	24002	Error
KAVF24003-I		LOG_INFO	24003	Information
KAVF24004-E		LOG_ERR	24004	Error
KAVF24101-E			24101	
KAVF24105-E			24105	
KAVF24107-E			24107	
KAVF24112-E			24112	
KAVF24114-E			24114	
KAVF24116-E			24116	
KAVF24120-E			24120	
KAVF24121-E			24121	
KAVF24130-E			24130	
KAVF24150-E			24150	

4.10.3 Messages (Agent for NAS)

Table 4.24 explains the messages ssued by Agent for NAS, and explains what actions to take in response to the messages.

Table 4.24 Messages Issued by Agent for NAS

Message ID	Message	Corrective Action
KAVF24001-I	Agent Collector has stopped. (host=*Agent-host-name*, service=*service-ID*)	Agent Collector has stopped. **(S)** Stops Agent Collector processing.
KAVF24002-E	An attempt to start Agent Collector has failed. (host=*Agent-host-name*, service=*service-ID*)	The attempt to start Agent Collector failed. **(S)** Stops Agent Collector startup processing. **(O)** The most likely cause is that an attempt to acquire dictionary information or to load the information collection facility failed. Check the system environment. If you are unable to identify the cause, collect maintenance information and contact a system administrator.

Message ID	Message	Corrective Action
KAVF24003-I	Agent Collector has started. (host=*Agent-host-name*, service=*service-ID*)	Agent Collector startup has been completed. **(S)** Begins collecting Agent Collector performance information.
KAVF24004-E	Agent Collector stopped abnormally. (host=*Agent-host-name*, service=*service-ID*)	Agent Collector service processing cannot continue because a fatal error occurred while Agent Collector services were operating. **(S)** Stops Agent Collector services. **(O)** Check the immediately preceding message that was output to syslog (UNIX) or the event log (Windows), or to the common message log, and follow the message's instructions for resolving the problem.
KAVF24100-W	An attempt to allocate memory failed. (address=*NAS-system-IP-address*, service=*service-ID*, *record*=*record-name*)	The attempt to allocate an area for storing the indicated record failed due to insufficient memory. Either system resources are insufficient or the system has become unstable due to a resource leak from another application. **(S)** Resumes Agent Collector processing. **(O)** Check the system environment; expand capacity if necessary.
KAVF24101-E	An attempt to initialize Agent Configuration failed. (instance=*Agent-instance-name*)	Agent Configuration processing failed while Agent Collector was starting. **(S)** Stops Agent Collector processing. **(O)** Either the service startup initialization file (`jpcagt.ini`) is not in the following directory or information in the file is invalid: ▪ Windows *installation-folder*`\agtn\agent\`*instance-name* ▪ UNIX `/opt/jp1pc/agtn/agent/`*instance-name* If the `jpcagt.ini` file does not exist, copy the `jpcagt.ini.model` file to `jpcagt.ini`. If you are unable to identify the cause, collect maintenance information and contact a system administrator.

Message ID	Message	Corrective Action
KAVF24105-E	An error occurred in an OS API. (name=*API-name*, error=*code*)	The error indicated by *code* occurred during the processing indicated by *API-name*. **(S)** Stops Agent Collector processing. **(O)** Determine the cause of the error from the indicated *API-name* and *code*, and eliminate it based on this determination. If you are unable to identify the cause, collect maintenance information and contact a system administrator.
KAVF24107-E	A file or directory cannot be accessed. (path=*path*)	An error, other than insufficient disk capacity, occurred during an operation such as file creation, deletion, read, or write processing. One of the following is the most likely cause: ▪ The file does not exist. ▪ The user does not have access privileges. ▪ An associated file system is not mounted. ▪ A directory is specified in the path required to specify the file (invalid environment). **(S)** Stops Agent Collector processing. **(O)** Using a file that indicates the file path, determine the cause of the error, and eliminate it based on this determination. If you are unable to identify the cause, collect maintenance information and contact a system administrator.
KAVF24112-E	An internal error occurred. (address=*NAS-system-IP-address*, service=*service-ID*, rc=*code*)	An internal error occurred while performance information was being collected. **(S)** Stops Agent Collector processing. **(O)** Collect maintenance information and contact a system administrator. Before contacting a system administrator, also collect the error logs of the NAS Manager.
KAVF24113-W	A signal interrupted the processing. (service=*service-ID*, signal=*signal-number*)	Processing was interrupted by a signal. (The OS signal is indicated by the displayed *signal-number.*) **(S)** Stops Agent Collector processing.
KAVF24114-E	A signal interrupted the processing. (service=*service-ID*, signal=*signal-number*)	Processing was interrupted by a signal. (The OS signal is indicated by the displayed *signal-number.*) **(S)** Stops Agent Collector processing. **(O)** Collect maintenance information and contact a system administrator.

Message ID	Message	Corrective Action
KAVF24116-E	An attempt to acquire the destination host IP address information has failed. (service=*service-ID*)	An attempt to read the service startup initialization file in which the destination host IP address is set failed, or the format of the IP address is invalid. One of the following is the most likely cause: ▪ The file does not exist. ▪ The user does not have access privileges. ▪ An associated file system is not mounted. ▪ The IP address is not denoted with decimal dots. **(S)** Stops Agent Collector processing. **(O)** Correct the problem in the service startup information file (`jpcagt.ini`), and then restart the Agent Collector. ▪ Windows *installation-folder*`\agtn\agent\`*instance-name* ▪ UNIX `/opt/jp1pc/agtn/agent/`*instance-name* If you are unable to identify the cause, collect maintenance information and contact a system administrator.
KAVF24118-W	Memory became insufficient during the acquisition of performance information. (address=*NAS-system-IP-address*, service=*service-ID*)	Memory became insufficient during collection of performance information. Either system resources are insufficient or the system has become unstable due to a resource leak from another application. **(S)** Resumes Agent Collector processing. **(O)** Check system resources, and expand capacity if necessary.

Message ID	Message	Corrective Action
KAVF24120-E	An attempt to acquire the port number information has failed. (service=*service-ID*)	An attempt to read the service startup initialization file in which the port number is set failed. One of the following is the most likely cause: ▪ The file does not exist. ▪ The user does not have access privileges. ▪ An associated file system is not mounted. ▪ The port number value is invalid. **(S)** Stops Agent Collector processing. **(O)** Correct the problem in the service startup information file (`jpcagt.ini`), and then restart the Agent Collector. ▪ Windows *installation-folder*`\agtn\agent\`*instance-name* ▪ UNIX `/opt/jp1pc/agtn/agent/`*instance-name* If you are unable to identify the cause, collect maintenance information and contact a system administrator.
KAVF24121-E	An attempt to acquire the definition has failed. (definition name=*definition-name*, service=*service-ID*)	The definition information specified by the definition name could not be loaded. One of the following is the most likely cause: ▪ The file does not exist. ▪ The user does not have access privileges. ▪ An associated file system is not mounted. ▪ The item value is invalid (for example, something other than a numeric is specified for a numeric item value.) **(S)** Stops Agent Collector processing. **(O)** Perform an overwrite install, and then restart the Agent Collector. If you are unable to identify the cause, collect maintenance information and contact a system administrator.
KAVF24130-E	An internal error occurred during the acquisition of information from the NAS system. (address=*NAS-system-IP-address*, service=*service-ID*, record=*record-name*, function=*function-name*, errno=*errno*, libcode=*libcode*)	An internal error occurred during the collection of performance information from the NAS system. **(S)** Stops Agent Collector processing. **(O)** Collect maintenance information and contact a system administrator. Before contacting a system administrator, also collect the error logs of the NAS Manager.

Message ID	Message	Corrective Action
KAVF24131-W	Memory became insufficient during the acquisition of information from the NAS system.(address=*NAS-system-IP-address*, service=*service-ID*, record=*record-name*, function=*function-name*, errno=*errno*, libcode=*libcode*)	Memory became insufficient during the collection of performance information from the NAS system. Either system resources are insufficient or the system has become unstable due to a resource leak from another application. **(S)** Resumes Agent Collector processing. **(O)** Check system resources, and expand capacity if necessary.
KAVF24132-W	The format of the message received from the NAS system is invalid.(address=*NAS-system-IP-address*, service=*service-ID*, record=*record-name*, function=*function-name*, errno=*errno*, libcode=*libcode*)	An attempt to create the record indicated by *record-name* failed because a message received from the NAS system was in an incorrect format. The format and contents of the received message header might be incorrect. **(S)** Resumes Agent Collector processing. **(O)** Check that both the NAS system from which information is being collected and the network environment are operating properly. If this error recurs frequently even after you have verified correct operation, collect maintenance information and contact a system administrator.
KAVF24133-W	An attempt to initialize the establishment of the connection to the NAS system has failed. (address=*NAS-system-IP-address*, service=*service-ID*, record=*record-name*, function=*function-name*, errno=*errno*, libcode=*libcode*)	An attempt to initialize establishment of a connection to the NAS system failed. **(S)** Resumes Agent Collector processing. **(O)** Check the network environment and make sure the network is running, check that the NAS system is running; or, check the operation of the TCP/IP protocol on the system on which Agent for NAS is running. Correct the problem. If you are unable to identify the cause, collect maintenance information and contact a system administrator. Before contacting a system administrator, also collect the daemon logs of the NAS Manager.

Message ID	Message	Corrective Action
KAVF24134-W	An attempt to establish the connection to the NAS system has failed.(address=*NAS-system-IP-address*, service=*service-ID*, record=*record-name*, function=*function-name*, errno=*errno*, libcode=*libcode*)	An attempt to establish a connection to the NAS system failed. One of the following is the most likely cause of the error: ▪ The destination host address is invalid. ▪ The destination port number is invalid. ▪ The destination host is not active. ▪ The system environment is invalid. ▪ The NAS system was not properly started. **(S)** Resumes Agent Collector processing. **(O)** Check the following and correct the problem. ▪ Are the destination host address and port number correct? ▪ Was the destination host (NAS system) started? ▪ Is the TCP/IP protocol operating on the system on which Agent for NAS is running? If you are unable to identify the cause, collect maintenance information and contact a system administrator. Before contacting a system administrator, also collect the daemon logs of the NAS Manager.
KAVF24135-W	A network error occurred in the communication with the NAS system.(address=*NAS-system-IP-address*, service=*service-ID*, record=*record-name*, function=*function-name*, errno=*errno*, libcode=*libcode*)	An error occurred during communication with the NAS system. Therefore, the record indicated by *record-name* could not be created. One of the following is the most likely cause of the error: ▪ A network problem has occurred in the NAS system or the Agent for NAS. ▪ The NAS system was not properly started. ▪ The NAS system cannot properly operate due to an abnormal condition, such as insufficient memory. ▪ The NAS system does not return performance information. ▪ The OS, running the Agent for NAS, is not operating properly. **(S)** Resumes Agent Collector processing. **(O)** Check the network status and the operating status of the NAS system, and eliminate the problem. If you are unable to identify the cause, collect maintenance information and contact a system administrator. Before contacting a system administrator, also collect the daemon logs of the NAS Manager.

Message ID	Message	Corrective Action
KAVF24137-W	The key information is not contained in the information extracted from the NAS system. (address=*NAS-system-IP-address*, service=*service-ID*, record=*record-name*)	An attempt to create the record indicated by *record-name* failed, because the key information does not exist in the information collected from the NAS system. No devices may be assigned to the NAS system, or the NAS system may not be properly operating. **(S)** Resumes Agent Collector processing. **(O)** Check if the device was assigned and is operating on the NAS system. If this error recurs frequently, collect maintenance information and contact a system administrator.
KAVF24138-W	The key information is duplicated in the information extracted from the NAS system. (address=*NAS-system-IP-address*, service=*service-ID*, record=*record-name*)	An attempt to create the record indicated by *record-name* failed, because key information is duplicated in the information collected from the NAS system. The NAS system may not be properly operating. **(S)** Resumes Agent Collector processing. **(O)** Check the operation status of the NAS system. If this error recurs frequently, collect maintenance information and contact a system administrator.
KAVF24139-W	An attempt to acquire NAS system information has failed. (address=*NAS-system-IP-address*, service=*service-ID*, record=*record-name*, error=*error-code*)	The result code of the command for acquiring NAS system information is invalid. Therefore the record (indicated by the record name) could not be created. If error=57 was output, the information on the NAS system may have been deleted. In case of a problem, error=57 will be output continuously. If it is not output continuously, it is not an error. **(S)** Resumes Agent Collector processing. **(O)** Check the operating status of the NAS system, and eliminate the problem. If you are unable to identify the cause, collect maintenance information and contact a system administrator.

Message ID	Message	Corrective Action
KAVF24140-W	An error occurred in a command on the NAS system. (address=*NAS-system-IP-address*, service=*service-ID*, record=*record-name*, command=*command-name*, error=*error-code*)	The command (indicated by the command name) for acquiring NAS system information has failed. Therefore the record (indicated by the record name) could not be created. If `command=sar -q, error=2` was output, the information on the NAS system may have been deleted. In case of a problem, `command=sar -q, error=2` will be output continuously. If it is not output continuously, it is not an error. **(S)** Resumes Agent Collector processing. **(O)** Check the operating status of the NAS system, and eliminate the problem. If you are unable to identify the cause, collect maintenance information and contact a system administrator.
KAVF24150-E	An internal error occurred during the analysis of the information acquired from the NAS system. (address=*NAS-system-IP-address*, service=*service-ID*, record=*record-name*, function=*function-name*, errno=*errno*, libcode=*libcode*) An internal error occurred while information collected from the NAS system was being analyzed.	**(S)** Stops Agent Collector processing. **(O)** Collect maintenance information and contact a system administrator. Before contacting a system administrator, also collect the error logs of the NAS Manager.
KAVF24151-W	An attempt to analyze the information acquired from the NAS system failed because the data format is invalid. (address=*NAS-system-IP-address*, service=*service-ID*, record=*record-name*, function=*function-name*, errno=*errno*, libcode=*libcode*)	The data format of the information acquired from the NAS system is invalid. Therefore the record (indicated by the record name) could not be created. **(S)** Resumes Agent Collector processing. **(O)** Check that both the NAS system from which information is being collected and the network environment are operating properly. If this error recurs frequently even after you have verified correct operation of the NAS system, collect maintenance information and contact a system administrator.
KAVF24152-W	Memory became insufficient during the analysis of the information acquired from the NAS system. (address=*NAS-system-IP-address*, service=*service-ID*, record=*record-name*, function=*function-name*, errno=*errno*, libcode=*libcode*)	Memory became insufficient while information collected from the NAS system was being analyzed. Either system resources are insufficient or the system has become unstable due to a resource leak from another application. **(S)** Continues Agent Collector processing. **(O)** Check system resources, and expand capacity if necessary.

Message ID	Message	Corrective Action
KAVF24153-W	An attempt to analyze the information acquired from the NAS system failed because the data format is invalid. (address=*NAS-system-IP-address*, service=*service-ID*, record=*record-name*)	An attempt to create the record indicated by *record-name* failed because the information collected from the NAS system was in an invalid format. One of the following is the most likely cause: ▪ There is a mismatch of the commands in the received information. ▪ The command result code format or the data length format is invalid. **(S)** Resumes Agent Collector processing. **(O)** Check that both the NAS system from which information is being collected and the network environment are operating properly. If this error recurs frequently even after you have verified correct operation of the NAS system, collect maintenance information and contact a system administrator.
KAVF24154-W	A record was created with a field for which a value of 0 was set. (address=*NAS-system-IP-address,* service=*service-ID,* record=*record-name,* field=*Manager-name*)	A value of 0 was set in the field indicated by *Manager-name*, in the record indicated by *record-name*. The previously collected data became smaller because the collected performance data exceeded the upper limit of the NAS system. Therefore, the difference with the data collected previously in the field indicated by *Manager-name* became negative. If DEVD is output as a *record-name*, the field value of PI_DEVS record generated in the same period of time may become smaller. **(S)** Continues processing for the Agent Collector service.
KAVF24155-W	An attempt to collect *record-name* record has failed. (address=*NAS-system-IP-address*, service=*service-ID*)	An error occurred during collection of performance data. Therefore, the record indicated by *record-name* could not be created. **(S)** Continues processing for the Agent Collector service. **(O)** Check the immediately preceding message that was output to the common message log and take appropriate action.

4.11 Agent Messages (Agent for SAN Switch)

This section lists the output destinations of Agent for SAN Switch messages, lists the messages output to syslog and the Windows event log, and lists and explains the messages.

4.11.1 Message Output Destinations (Agent for SAN Switch)

Table 4.25 lists the output destination of each message output by Agent for SAN Switch.

Table 4.25 Output Destinations of Agent for SAN Switch Messages

Output Destinations	Message ID
▪ Common message log	KAVF25201 - KAVF25206, KAVF25401 - KAVF25404, KAVF25406, KAVF25408 - KAVF25410, KAVF25901
▪ Common message log ▪ syslog ▪ Windows event log	KAVF25001 - KAVF25004, KAVF25601 - KAVF25611, KAVF25701, KAVF25702

4.11.2 Messages Output to Syslog and the Windows Event Log (Agent for SAN Switch)

This section provides a list of messages output to syslog and the Windows event log by Agent for SAN Switch.

System log events are output to the syslog file. For information about where the syslog file is stored, see the syslog daemon configuration file (default is `/etc/syslogd.conf`).

The Windows event log is displayed in the following locations:

- In Windows 2000

  The Windows event log is displayed in the **Application Log** of the Event Viewer window.

  To display the Event Viewer window, from the Windows **Start** menu choose **Settings**, **Control Panel**, **Administrative Tools**, and then **Event Viewer**.

- In Windows Server 2003

  The Windows event log is displayed in the **Application Log** of the Event Viewer window.

  To display the Event Viewer window, from the Windows **Start** menu choose **Administrative Tools**, and then **Event Viewer**.

When Agent for SAN Switch outputs an event, the identifier **PFM-SANSwitch** is displayed under **Source** in the Event Viewer window.

Table 4.26 lists the message information output by Agent for SAN Switch to syslog and the Windows event log.

Table 4.26 Messages Output to Syslog and Windows Event Log

Message ID	Syslog		Windows Event Log	
	Facility	Level	Event ID	Type
KAVF25001-I	LOG_DAEMON	LOG_INFO	25001	Information
KAVF25002-I			25002	
KAVF25003-E		LOG_ERR	25003	Error
KAVF25004-E			25004	
KAVF25601-E			25601	
KAVF25602-E			25602	
KAVF25603-E			25603	
KAVF25604-E			25604	
KAVF25605-E			25605	
KAVF25606-E			25606	
KAVF25607-E			25607	
KAVF25608-E			25608	
KAVF25609-E			25609	
KAVF25610-E			25610	
KAVF25611-E			25611	
KAVF25701-E			25701	
KAVF25702-E			25702	

4.11.3 Messages (Agent for SAN Switch)

Table 4.27 explains the messages issued by Agent for SAN Switch, and explains what actions to take in response to the messages.

Table 4.27 Messages Issued by Agent for SAN Switch

Message ID	Message	Corrective Action
KAVF25001-I	Agent Collector has started. (instance=*instance-name*, host=*hostname*)	Startup and initialization of Agent Collector services have finished. **(S)** Begins collecting performance data.
KAVF25002-I	Agent Collector has stopped. (instance=*instance-name*, host=*hostname*)	Agent Collector services have stopped because of a stop request from the `jpcstop` command, or because a Windows service has stopped. **(S)** Stops Agent Collector services.

Message ID	Message	Corrective Action
KAVF25003-E	Agent Collector could not start. (instance=*instance-name*, host=*hostname*, rc=*maintenance-code*)	Agent Collector service processing cannot continue due to a failure in starting or initializing Agent Collector services. **(S)** Stops Agent Collector services. **(O)** Check the immediately preceding message that was output to syslog (UNIX) or the event log (Windows), or to the common message log, and follow the message's instructions for resolving the problem.
KAVF25004-E	Agent Collector stopped abnormally. (instance=*instance-name*, host=*hostname*, rc=*maintenance-code*)	Agent Collector service processing cannot continue because a fatal error occurred while Agent Collector services were operating. **(S)** Stops Agent Collector services. **(O)** Check the immediately preceding message that was output to syslog (UNIX) or the event log (Windows), or to the common message log, and follow the message's instructions for resolving the problem.
KAVF25201-I	A session with the proxy switch has been established. (instance=*instance-name*, address=*IP-address*)	A session with the Proxy Switch was established. The value that is displayed in place of *IP-address* is the IP address of the Proxy Switch. **(S)** Continues Agent Collector service processing.
KAVF25202-I	A session with the proxy switch has been established by the retry process. (instance=*instance-name*, address=*IP-address*)	A session with the Proxy Switch was established by means of retry processing. The value that is displayed in place of *IP-address* is the IP address of the Proxy Switch. **(S)** Continues Agent Collector service processing.
KAVF25203-I	A session with the Fabric Management Server has been established. (instance=*instance-name*, address=*IP-address*)	A session with the Fabric Management Server was established. The value that is displayed in place of *IP-address* is the IP address of the Fabric Management Server. **(S)** Continues Agent Collector service processing.

Message ID	Message	Corrective Action
KAVF25204-I	A session with the Fabric Management Server has been established in the retry process. (instance=*instance-name*, address=*IP-address*)	A session with the Fabric Management Server was established by retry processing. The value that is displayed in place of *IP-address* is the IP address of the Fabric Management Server. **(S)** Continues Agent Collector service processing.
KAVF25205-I	A session with the Seed Switch has been established. (instance=*instance-name*, address=*IP-address*)	A session with the Seed Switch was established. The code that is displayed in place of *IP-address* is the IP address of the Seed Switch. **(S)** Continues Agent Collector service processing.
KAVF25206-I	A session with the Seed Switch has been established in the retry process. (instance=*instance-name*, address=*IP-address*)	A session with the Seed Switch was established by means of retry processing. The code that is displayed in place of *IP-address* is the IP address of the Seed Switch. **(S)** Continues Agent Collector service processing.
KAVF25401-W	Memory allocation failed. (instance=*instance-name*, name=*API-name*, rc=*maintenance-code*)	An attempt to secure memory failed. Either system memory is insufficient, or the system has become unstable due to a memory leak from another application. The name that is displayed in place of *API-name* is the name of the API that detected insufficient memory. The information that is displayed in place of *maintenance-code* is a code that can be obtained from `errno` for system calls or C-language runtime libraries, or from `GetLastError` for a Win32 API. **(S)** Continues Agent Collector service processing. At this time, performance data is not collected. **(O)** Secure sufficient system resources.

Message ID	Message	Corrective Action
KAVF25402-W	It failed in the processing of the record generation. (instance=*instance-name*, record=*record-name*)	Build processing failed for the record with the name displayed in *record-name*. **(S)** Continues Agent Collector service processing. However, the record that was to be built (record that is displayed in *record-name*) is not built at this time. **(O)** Check the immediately preceding message that was output to the common message log, and follow the instructions for resolving the problem.
KAVF25403-W	It failed in the collection of data necessary to make the record. (instance=*instance-name*, record=*record-name,* counts=*number-of-instances*, Domain IDs= *domain-id*)	An attempt to collect data required to build the record whose name is displayed in place of *record-name* has failed. The value that is displayed in place of *number-of-instances* indicates the number of record instances that failed to create records. The value displayed in place of *domain-id* indicates the domain ID of the switch for which record creation failed. If record creation failed for multiple switches with the same domain ID, the number of times the same domain ID is displayed is equal to the number of multiple switches. When the following records are displayed in *record-name,* the information displayed in place of *domain-ID* is as follows: ▪ `PD_DEVD` N/A is always displayed. ▪ `PT_PTD`, `PD_CPTD` If switch port data is being collected, the switch domain ID is displayed. If node port data is being collected, the switch domain ID is not displayed. **(S)** Continues Agent Collector service processing. However, the record that was to be built (record that is displayed in *record-name*) is not built at this time.

Message ID	Message	Corrective Action
		(O) If this message is output repeatedly, data collection from the monitored fabric might have failed. Check whether the switches in the fabric or the Fabric Management Server is operating properly. ***Note:*** When checking MCDATA switches, you might not be able to collect the port information for monitored McDATA switches if a gigabit interface converter (GBIC) is not set up on their ports. Therefore, before checking McDATA switches in the fabric, ensure that GBIC is set up on their ports. If you cannot determine the cause, collect the following information, and then contact the system administrator: ▪ Maintenance information that can be collected by using the `jpcras` command. ▪ For Brocade switches, log files that can be collected by using the `supportShow` or `SupportSave` command. ▪ For McDATA switches, log files of EFCM. ▪ For Cisco switches, information that can be collected by using the `show tech-support` command.
KAVF25404-W	An internal error occurred in the program. (instance=*instance-name*, rc=*maintenance-code*)	An internal program error occurred. **(S)** Continues Agent Collector service processing. Performance data is not collected at this time. **(O)** Use the `jpcras` command to collect maintenance information, and then contact a system administrator.

Message ID	Message	Corrective Action
KAVF25406-W	A session with the proxy switch was detected being not established. (instance=*instance-name*, address=*IP-address*)	During Agent Collector operation, the system detected a disconnection in the session with the Proxy Switch. The value that is displayed in place of *IP-address* is the IP address of the Proxy Switch. **(S)** Continues Agent Collector service processing. An attempt to reconnect will be made when the next performance data collection request occurs. **(O)** Check for problems with the network environment or the Proxy Switch's operation. If you cannot determine the cause, collect the following information, and then contact a system administrator: ▪ Maintenance information that can be obtained by using the `jpcras` command. ▪ For Brocade switches, log files that can be obtained by using the `supportShow` or `SupportSave` command.
KAVF25408-W	A session with the Fabric Management Server was detected being not established. (instance=*instance-name*, address=*IP-address*)	During Agent Collector operation, the system detected a disconnection in the session with the Fabric Management Server. The value that is displayed in place of *IP-address* is the IP address of the Fabric Management Server. **(S)** Continues Agent Collector service processing. An attempt to reconnect will be made when the next performance data collection request occurs. **(O)** Check for problems with the network environment or the Fabric Management Server's operation. If you cannot determine the cause, collect the following information, and then contact a system administrator: ▪ Maintenance information that can be obtained by using the `jpcras` command. ▪ For McDATA switches, log files of EFCM.

Message ID	Message	Corrective Action
KAVF25409-W	Data cannot be collected from Fabric Management Server for the switch. (instance=*instance-name*, wwn=*wwn*)	Data of the monitored switch cannot be collected from the Fabric Management Server. The value that is displayed in place of *wwn* is the value for `Target Switch WWN` that you entered when creating the instance environment. **(S)** Continues Agent Collector service processing. When the system starts with the WWN of a specific switch specified for `Target Switch WWN`, performance data will not be collected until the data of the switch that has the `Target Switch WWN` is collected from the Fabric Management Server. When the system starts with `ALL` specified for `Target Switch WWN`, performance data will not be collected until data from at least one switch is collected from the Fabric Management Server. **(O)** Check the following and resolve the problem: ▪ When the system starts with the WWN of a specific switch specified for `Target Switch WWN`, make sure that the switch identified by `Target Switch WWN` is managed by EFCM. ▪ When the system starts with `ALL` specified for `Target Switch WWN`, make sure that at least one switch is managed by EFCM. ▪ Check whether the network environment has any problems. If you cannot determine the cause, collect the following information, and then contact a system administrator: ▪ Maintenance information that can be obtained by using the `jpcras` command. ▪ For McDATA switches, log files of EFCM.

Message ID	Message	Corrective Action
KAVF25410-W	A session with the Seed Switch was detected being not established. (instance=*instance-name*, address=*IP-address*)	During the Agent Collector operation, the system detected that a session with the Seed Switch was disconnected. The code that is displayed in place of *IP-address* is the IP address of the Seed Switch. **(S)** Continues Agent Collector service processing. An attempt to reconnect will be made when the next performance data collection request occurs. **(O)** Make sure that there are no problems in the network environment or the Seed Switch's operation, and that the CIM server is in the `enable` status. If you cannot determine the cause, collect the following information, and then contact a system administrator: ▪ Maintenance information that can be obtained by using the `jpcras` command. ▪ For Cisco switches, information that can be collected by using the `show tech-support` command.
KAVF25601-E	Initialization of Agent Collector failed. (instance=*instance-name*, cause=*cause*)	A failure occurred during initialization of Agent Collector. **(S)** Stops Agent Collector services. **(O)** Check the problem indicated by *cause*. Also check whether the service startup initialization file (`jpcagt.ini`) is in one of the following folders: ▪ In Windows: *installation-folder*`\agtw\agent\`*instance-name* ▪ In UNIX: `/opt/jp1pc/agtw/agent/`*instance-name/* If the service startup initialization file is not in one of the above folders, copy the `jpcagt.ini.model` file to the `jpcagt.ini` file. If you cannot determine the cause, use the `jpcras` command to collect maintenance information, and then contact a system administrator.

Message ID	Message	Corrective Action
KAVF25602-E	An exception occurred. Exiting... (instance=*instance-name*, exception=*exception-message*)	An exception occurred while Agent Collector was operating. **(S)** Stops Agent Collector services. **(O)** Use the `jpcras` command to collect maintenance information, and then contact a system administrator.
KAVF25603-E	Interruption by a signal. (instance=*instance-name*, signal=*signal-number*)	Processing was interrupted by a signal. (The OS signal is indicated by the displayed *signal-number*.) **(S)** Stops Agent Collector services. **(O)** Use the `jpcras` command to collect maintenance information, and then contact a system administrator.
KAVF25604-E	A session with the proxy switch could not be established. Exiting... (instance=*instance-name*, address=*IP-address*, rc=*maintenance-code*, detail=*details*)	An attempt to establish a session with the Proxy Switch has failed. The value that is displayed in place of *IP-address* is the IP address of the Proxy Switch. **(S)** Stops Agent Collector services. **(O)** Check the following and resolve the problem: ▪ Make sure that the `Switch Vendor`, `IP Address`, `Login ID`, and `Password`, which were specified when constructing the instance environment, have no problems. ▪ Make sure that the Proxy Switch's operation has no problems. ▪ Make sure that products other than Agent for SAN Switch have not established a session with the Proxy Switch. ▪ Make sure that the network environment has no problems. If you cannot determine the cause, collect the following information, and then contact a system administrator: ▪ Maintenance information that can be obtained by using the `jpcras` command. ▪ For Brocade switches, log files that can be collected by using the `supportShow` or `SupportSave` command.

Message ID	Message	Corrective Action
KAVF25605-E	An error was detected while processing Agent Collector service startup information. (instance=*instance-name*, detail=*details*)	Either there is a mistake in the Agent Collector service startup initialization file, or the file does not exist. **(S)** Stops Agent Collector services. **(O)** If the Agent Collector service startup initialization file does not exist, copy the model Agent Collector service startup initialization file (`jpcagt.ini.model`), and recreate an instance environment. If the Agent Collector service startup initialization file does exist, it contains a mistake. Either revise it based on the model Agent Collector service startup initialization file, or recreate the agent instance environment.
KAVF25606-E	A session with the Fabric Management Server could not be established. Exiting... (instance=*instance-name*, address=*IP-address*, rc=*maintenance-code*, detail=*details*)	An attempt to establish a session with the Fabric Management Server has failed. The value that is displayed in place of *IP-address* is the IP address of the Fabric Management Server. **(S)** Stops Agent Collector services. **(O)** Check the following and resolve the problem: ▪ Make sure that the `Switch Vendor`, `IP Address`, `Login ID`, and `Password`, which were specified when constructing the instance environment, have no problems. ▪ Make sure that the Fabric Management Server's operation has no problems. ▪ Make sure that the maximum number of sessions that can be established for an EFCM has not been exceeded. ▪ Make sure that the network environment has no problems. If you cannot determine the cause, collect the following information, and then contact a system administrator: ▪ Maintenance information that can be collected by using the `jpcras` command. ▪ For McDATA switches, log files of EFCM.

Message ID	Message	Corrective Action
KAVF25607-E	The specified Target Switch WWN is invalid. Exiting... (instance=*instance-name*, wwn=*wwn*)	The specified `Target Switch WWN` is invalid. The default value or invalid character strings are specified in `Target Switch WWN`. The value that is displayed in place of *wwn* is the value for `Target Switch WWN` that you entered when creating the instance environment. **(S)** Stops Agent Collector services. **(O)** Check the `Target Switch WWN` that was specified when the instance environment was created, and allocate a correct value.
KAVF25608-E	Data cannot be collected from Fabric Management Server for the switch. Exiting... (instance=*instance-name*, wwn=*wwn*)	Data of the monitored switch cannot be collected from the Fabric Management Server. The value that is displayed in place of *wwn* is the value for `Target Switch WWN` that you entered when creating the instance environment. **(S)** Continues Agent Collector service processing **(O)** Check the following and resolve the problem: ▪ Make sure that the `Target Switch WWN`, which was specified when constructing the instance environment, has no problems. ▪ When the system starts with the WWN of a specific switch specified for `Target Switch WWN`, the switch identified by `Target Switch WWN` is managed by EFCM. ▪ When the system starts with `ALL` specified for `Target Switch WWN`, at least one switch is managed by EFCM. If you cannot determine the cause, collect the following information, and then contact a system administrator: ▪ Maintenance information that can be collected by using the `jpcras` command. ▪ For McDATA switches, log files of EFCM.

Message ID	Message	Corrective Action
KAVF25609-E	The service cannot be started because it is already running. (instance= *instance-name*)	The service is already running. You cannot run a duplicated service. **(S)** Cancels the launch of the service. **(O)** Use the `jpcctrl list` command to check the running status of the service.
KAVF25610-E	A session with the Seed Switch could not be established. Exiting... (instance=*instance-name*, address=*IP-address*, rc=*maintenance-code*, detail=*detailed-information*)	An attempt to establish a session with the Seed Switch has failed. The code that is displayed in place of *IP-address* is the IP address of the Seed Switch. **(S)** Stops Agent Collector services. **(O)** Check the following and resolve the problem: ▪ Make sure that the `Switch Vendor`, `IP Address`, `Login ID`, and `Password`, which were specified when constructing the instance environment, have no problems. ▪ Make sure that the Seed Switch's operation has no problems. ▪ Make sure that the CIM server is in the `enable` status on the Seed Switch. ▪ Make sure that the network environment has no problems. If you cannot determine the cause, collect the following information, and then contact the system administrator: ▪ Maintenance information that can be collected by using the `jpcras` command. ▪ For Cisco switches, information that can be collected by using the `show tech-support` command.
KAVF25611-E	An attempt to access the prerequisite program has failed. Exiting... (instance=*instance-name*, detail=*detailed-information*)	The prerequisite program, HiCommand Tuning Manager, does not exist. **(S)** Stops Agent Collector service. **(O)** Make sure that the prerequisite program, HiCommand Tuning Manager, exists on the same host.

Message ID	Message	Corrective Action
KAVF25701-E	An error occurred in an OS API(*API-name*). (instance=*instance-name*, en=*detail-code*, arg1=*arg-1*, arg2=*arg-2*, arg3=*arg-3*)	An error occurred in an OS API. The code that is displayed in place of *detail-code* is the value returned in `errno` (error number), or by the `GetLastError()` or `WSAGetLastError()` functions. **(S)** Stops Agent Collector services. **(O)** Use the `jpcras` command to collect maintenance information, and then contact a system administrator.
KAVF25702-E	An error occurred in a function (*function-name*). (instance=*instance-name*, en=*detail-code*, arg1=*arg-1*, arg2=*arg-2*, arg3=*arg-3*)	An error occurred in an internal function. **(S)** Stops Agent Collector services. **(O)** Use the `jpcras` command to collect maintenance information, and then contact a system administrator.
KAVF25901-W	Interruption by a signal. (instance=*instance-name*, signal=*signal-number*)	Processing was interrupted by a signal. (The OS signal is indicated by the displayed *signal-number*.) **(S)** Stops Agent Collector services.

4.12 Agent Messages (Agent for DB2)

This section lists the output destinations of Agent for DB2 messages, lists the messages output to syslog, and lists and explains the messages.

4.12.1 Message Output Destinations (Agent for DB2)

Table 4.28 lists the output destinations of the messages issued by Agent for DB2.

Table 4.28 Output Destinations of Agent for DB2 Messages

Output Destinations	Message ID
▪ Common message log ▪ syslog	KAVF29001 - KAVF29006, KAVF29010 - KAVF29023

4.12.2 Messages Output to Syslog (Agent for DB2)

This section lists the messages that Agent for DB2 outputs to `syslog`.

The syslog information is output to the syslog file. For the installation location of the `syslog` file, see the syslog daemon configuration file (default path is `/etc/syslogd.conf`).

Table 4.29 lists the messages that Agent for DB2 outputs to `syslog`.

Table 4.29 Messages Output to Syslog

Message ID	Syslog	
	Facility	Level
KAVF29001-E	LOG_DAEMON	LOG_ERR
KAVF29002-I		LOG_INFO
KAVF29003-I		
KAVF29004-E		LOG_ERR
KAVF29005-E		
KAVF29006-E		
KAVF29010-E		
KAVF29011-E		
KAVF29012-E		
KAVF29013-W		LOG_WARNING
KAVF29014-E		LOG_ERR

Message ID	Syslog	
	Facility	Level
KAVF29015-E	LOG_DAEMON	LOG_ERR
KAVF29016-W		LOG_WARNING
KAVF29017-E		LOG_ERR
KAVF29018-E		
KAVF29019-W		LOG_WARNING
KAVF29020-E		LOG_ERR
KAVF29021-W		LOG_WARNING
KAVF29022-W		
KAVF29023-E		LOG_ERR

4.12.3 Messages (Agent for DB2)

Table 4.30 explains the messages issued by Agent for DB2, and explains what actions to take in response to the messages.

Table 4.30 Messages Issued by Agent for DB2

Message ID	Message	Corrective Action
KAVF29001-E	The Agent for IBM DB2 Universal Database does not support this DB2 Universal Database version. (host=*host-name*, service=*service-ID*)	Agent for DB2 was executed for an unsupported version of DB2. **(S)** Terminates processing of the Agent Collector service. **(O)** Use a supported version of DB2.
KAVF29002-I	Agent Collector has started. (host=*host-name*, service=*service-ID*)	Startup of the Agent Collector service has completed.
KAVF29003-I	Agent Collector has stopped. (host=*host-name*, service=*service-ID*)	The Agent Collector service stopped.
KAVF29004-E	Memory could not be allocated.	Memory is insufficient. **(S)** Terminates processing of the Agent Collector service. **(O)** Increase the amount of available memory space.

Message ID	Message	Corrective Action
KAVF29005-E	An attempt to write to file *file-name* has failed.	The system could not write to the file indicated by *file-name*. **(S)** Terminates processing of the Agent Collector service. **(O)** Check the permissions for the file. Also check whether the file capacity has been exceeded or whether the disk has become full.
KAVF29006-E	The file was not found. (file name = *file-name*)	The file indicated by *file-name* could not be found. **(S)** Terminates processing of the Agent Collector service. **(O)** Check whether the file indicated by *file-name* exists.
KAVF29010-E	File format error: *file-name*	The format of the file indicated by *file-name* is invalid. **(S)** Terminates processing of the Agent Collector service. **(O)** Check the format of the file indicated by *file-name*.
KAVF29011-E	A message could not be written to the log file *log-file-name*.	The system could not output a message to the file indicated by *log-file-name*. **(S)** Terminates processing of the Agent Collector service. **(O)** If the file indicated by *log-file-name* exists in the path, check its write permissions. If the file indicated by *log-file-name* does not exist in the path, check whether you have read and write permissions for the specified path.
KAVF29012-E	The file does not have read permission. (file name = *file-name*)	The user does not have read permissions for the file indicated by *file-name*. **(S)** Terminates processing of the Agent Collector service. **(O)** Check the permissions for the file.

Message ID	Message	Corrective Action
KAVF29013-W	An attempt to initialize Agent Collector has failed. (host=*host-name*, service=*service-ID*)	The system failed to initialize the Agent Collector service. **(S)** Terminates processing of the Agent Collector service. **(O)** Check all initialization configurations of the Agent Collector service.
KAVF29014-E	System information could not be acquired.	The system could not acquire system information such as host names. **(S)** Terminates processing of the Agent Collector service. **(O)** Check the environment settings of the OS.
KAVF29015-E	An attempt to execute function *command-name* has failed.	An error occurred during execution of the command indicated by *command-name*. **(S)** Terminates processing of the Agent Collector service. **(O)** Collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF29016-W	Connection to DB2 is not possible. (host=*host-name*, service=*service-ID*)	The system cannot connect to DB2 **(O)** Make sure of the following: ▪ The settings for the DB2 Agent instance are correct. ▪ The DB2 to be monitored is running.
KAVF29017-E	A program error has occurred. Please connect maintenance personnel. (host=*host-name*, service=*service-ID*)	A program error occurred. **(O)** Collect maintenance information and contact the system administrator. For details about how to collect maintenance information, see the chapter in the *HiCommand Tuning Manager Agent Administration Guide* that describes troubleshooting.
KAVF29018-E	SQLCA:*DB2-error-message*	This is error message information returned by DB2 **(O)** Check the DB2 manual and eliminate the cause of the error.

Message ID	Message	Corrective Action
KAVF29019-W	An overflow error has occurred:*data-source*(host=*host-name*, service=*service-ID*)	Data collected from DB2 exceeded 32 bits. **(S)** The value set for the field indicated by *data-source* is the data that was collected from DB2 with the uppermost 4 bytes truncated.
KAVF29020-E	Reception of a signal interrupted service processing. (signal=*signal-number*)	A signal other than SIGTERM was received. **(S)** Terminates processing for the Agent Collector service.
KAVF29021-W	Reception of a signal caused the service to stop. (signal=*signal-number*)	A SIGTERM signal was received. **(S)** Terminates processing for the Agent Collector service.
KAVF29022-W	The number of getting records is over *predetermined-number*.	The number of records obtained simultaneously exceeded the predetermined number. **(S)** Obtains the predetermined number of records.
KAVF29023-E	The Agent for IBM DB2 Universal Database cannot set the snapshot monitor switches to `ON`.	The Agent for DB2 cannot set the snapshot monitor switches to `ON`. **(S)** Terminates processing of the Agent Collector service. **(O)** Check the user permission that was specified for `db2_user` in the instance information.

4.13 Agent Messages (Agent for Microsoft Exchange Server)

This section lists the output destinations of Agent for Microsoft Exchange Server messages, lists the messages output to the Windows event log, and lists and explains the messages.

4.13.1 Message Output Destinations (Agent for Microsoft Exchange Server)

Table 4.31 lists the output destinations of the messages issued by Agent for Microsoft Exchange Server.

Table 4.31 Output Destinations of Agent for Microsoft Exchange Server Messages

Output Destinations	Message ID
▪ Common message log	KAVL12007, KAVL12008, KAVL12009, KAVL12010, KAVL12011, KAVL12012, KAVL12013
▪ Common message log ▪ Windows event log	KAVL12001, KAVL12002, KAVL12003, KAVL12004

4.13.2 Messages Output to the Windows Event Log (Agent for Microsoft Exchange Server)

This section lists the messages that Agent for Microsoft Exchange Server outputs to the Windows event log.

The Windows event log is displayed as an application log in the Event Viewer window. To open the Event Viewer window, from the Windows **Start** menu, click **Administrative Tools**, and then **Event Viewer**.

For an event issued by Agent for Microsoft Exchange Server, the identifier `PFM-MSExchange` is displayed in the **Source** column of the Event Viewer window.

Table 4.32 lists the messages that Agent for Microsoft Exchange Server outputs to the Windows event log.

Table 4.32 Messages Output to Windows Event Log

Message ID	Windows Event Log	
	Event ID	Type
KAVL12001	12001	Information
KAVL12002	12002	
KAVL12003	12003	Error
KAVL12004	12004	

4.13.3 Messages (Agent for Microsoft Exchange Server)

Table 4.33 explains the messages issued by Agent for Microsoft Exchange Server, and what actions to take in response to the messages.

Table 4.33 Messages Issued by Agent for Microsoft Exchange Server

Message ID	Message	Corrective Action
KAVL12001-I	Agent Collector has started. (host=*host-name*, service=*service-ID*)	Startup of the Agent Collector service was completed. **(S)** Starts collecting performance data for the Agent Collector service.
KAVL12002-I	Agent Collector has stopped. (host=*host-name*, service=*service-ID*)	The Agent Collector service stopped normally. **(S)** Stops the processing of the Agent Collector service.
KAVL12003-E	An attempt to start Agent Collector has failed. (host=*host-name*, service=*service-ID*)	The Agent Collector service failed to start. **(S)** Stops the processing of the Agent Collector service. **(O)** Check the immediately preceding message that was output to the common message log and take appropriate action.
KAVL12004-E	Agent Collector stopped abnormally. (host=*host-name*, service=*service-ID*)	The Agent Collector service stopped abnormally. **(S)** Stops the processing of the Agent Collector service. **(O)** Check the immediately preceding message that was output to the common message log and take appropriate action.
KAVL12007-W	Data could not be collected for the record *record-ID*. (function=*Win32API-function-name*, rc=*return-code-of-Win32API-function*)	Performance data of the record indicated by *record-ID* could not be collected. **(S)** Continues the processing of the Agent Collector service. **(O)** Check whether the service corresponding to the record indicated by *record-ID* has been installed, and whether that service has started.

Message ID	Message	Corrective Action
KAVL12008-W	Memory became insufficient during collection of the record *record-ID*.	Memory became insufficient during collection of the record indicated by *record-ID*. **(S)** Continues the processing of the Agent Collector service. **(O)** Check whether the system resources are sufficient.
KAVL12009-W	Microsoft(R) Exchange Server is not installed.	Microsoft Exchange Server is not installed. **(S)** Stops the processing of the Agent Collector service.
KAVL12010-W	Memory became insufficient during collection of the record *record-ID*.(size=*size-of-memory-that-could-not-be-secured*)	Memory became insufficient during collection of the record indicated by *record-ID*. **(S)** Continues the processing of the Agent Collector service. **(O)** Check whether the system resources are sufficient.
KAVL12011-W	Microsoft(R) Exchange Server does not start. I stop collection of records.	The MSExchangeIS service of Microsoft Exchange Server has not started. Collection of records is canceled. **(S)** Cancels the collection of the record until Microsoft Exchange Server starts.
KAVL12012-W	Microsoft(R) Exchange Server started. I reopen collection of records.	The MSExchangeIS service of Microsoft Exchange Server has started. . Collection of records is resumed. **(S)** Resumes the collection of the record.

Message ID	Message	Corrective Action
KAVL12013-W	The record *record-ID* is reserved and cannot be used.	The record that is displayed in place of *record-ID* could not be collected because the record is reserved. **(S)** Outputs this message only when this problem occurs for the first time while the system is running, and then continues the Agent Collector service processing. The record that is displayed in place of *record-ID* will not be collected. **(O)** Do not use the record that is displayed in place of *record-ID*. Also, unbind the alarm that uses this record.

Chapter 5 Performance Reporter Messages

This chapter explains the format of the Performance Reporter messages, and lists the messages.

- Message Format (Performance Reporter) (see section 5.1)
- Package IDs (Performance Reporter) (see section 5.2)
- Messages (Performance Reporter) (see section 5.3)

5.1 Message Format (Performance Reporter)

This section describes the format of messages issued by Performance Reporter and the format of the message explanations in this chapter.

5.1.1 Format of Output Messages (Performance Reporter)

The following explains the format of messages that are output by Performance Reporter. A message consists of a message ID followed by the message text. The following is the message format:

KAVJ*xmnnn-z message-text*

The message ID indicates the following:

- KAVJ: Indicates that the message is a Performance Reporter message.
- *x*: Package ID. For details about the package ID, see 5.2.
- *m*: Number indicating the type of message:
  - 0 to 4: Error (E)
  - 5 to 7: Information (I)
  - 8: Query (Q)
  - 9: Processing in progress (K)
- *nnn:* Serial number of the message, from 000 to 999
- *z:* Alphabetic letter indicating the message type:
  - E: Error (trace level Fatal)

    The system cancels processing.
  - I: Information (trace level Warn)

    The system provides the user with information.
  - Q: Query (trace level Warn)

    The system prompts the user for a response.
  - K: Processing in progress (trace level Warn)

    The system resumes processing after outputting the message.

5.1.2 Notations Used to Explain Messages (Performance Reporter)

This section describes the format of the message explanations in this chapter. The portion of a message text that is shown in italics represents information that is variable depending on the situation. The manual lists the messages in the order of the message IDs. The following shows the format of a message explanation:

message-ID *message-text* *message-explanatory-text*

(S) Explains the processing performed by the system.

(O) Explains the action the operator should take when the message is displayed.

5.1.3 Notes for System Administrators (Performance Reporter)

If a problem occurs during operation, collect log information and conduct initial checking according to the procedures in the *HiCommand Tuning Manager Server Administration Guide*.

When you conduct initial checking to determine the cause of a problem, examine all applicable log information, such as the OS's log information (Windows event log for Windows and syslog for UNIX) and the log information output by Performance Reporter. This log information enables you to learn the details of the problem, take appropriate action, and prevent the problem from reoccurring in the future. You should also make a record of the operations that led to the problem and determine whether or not the problem is likely to recur.

5.2 Package IDs (Performance Reporter)

Table 5.1 lists the package IDs shown in messages.

Table 5.1 Package IDs

Package ID	Package Name	Meaning
A	app	Application
C	cache	Information holder
D	draw	Draw module
E	export	CSV export
F	form	Action Form Bean
H	desc	Description module
I	init	Initialization
J	jsp	JSP
K	cmd	Command
L	logging	Logging
S	servlets	Servlet
T	tools	tool
V	vsa	ViewServerAccess
Z	Common	Package-independent, and generally applicable to any Performance Reporter

5.3 Messages (Performance Reporter)

Table 5.2 explains the messages issued by Performance Reporter, and explains what actions to take in response to the messages.

Table 5.2 Messages Issued by Performance Reporter

Message ID	Message	Corrective Action
KAVJA0001-E	<installDir> is not correctly specified in the configuration file.	The <installDir> statement is set by the installer, so the user cannot modify this statement. **(S)** Aborts processing. **(O)** Reinstall the application.
KAVJA0002-E	The directory specified for the value of <installDir> in the configuration file does not exist. Path name: *installation-directory*	The <installDir> statement is set by the installer, so the user cannot modify this statement. **(S)** Aborts processing. **(O)** Reinstall the application.
KAVJA0003-E	The value of <installDir> in the configuration file is not a directory. Path name: *installation-directory*	The <installDir> statement is set by the installer, so the user cannot modify this statement. **(S)** Aborts processing. **(O)** Reinstall the application.
KAVJA0004-E	An attempt to access the directory specified by <installDir> in the configuration file failed. Path name: *installation-directory*	The logged-in user does not have permission to read the directory. **(S)** Aborts processing. **(O)** Make sure that the permission settings to access this directory are correct.
KAVJA0005-E	During the initialization, a memory shortage occurred. Maintenance information: *maintenance-information*	It is impossible for the server to allocate enough memory. **(S)** Aborts processing. **(O)** Stop unnecessary applications and close unused windows to increase available memory.

Message ID	Message	Corrective Action
KAVJA0006-E	The initialization of the logging function failed. Maintenance information: *maintenance-information*	The initialization of the logging function failed. **(S)** Aborts processing. **(O)** Contact the system administrator.
KAVJA0007-E	The path to the initialization information file is not set in the java execution environment.	The path to the initialization information file is not set in the java execution environment. **(S)** Aborts processing. **(O)** Contact the system administrator.
KAVJA0008-E	The specified initialization information file of the java execution environment was not found. Path name: *file-path*	The specified initialization information file of the java execution environment was not found. **(S)** Aborts processing. **(O)** Reinstall the application.
KAVJA0009-E	The specified initialization information file of the java execution environment is not a file. Path name: *file-path*	The specified initialization information file of the java execution environment is not a file. **(S)** Aborts processing. **(O)** Reinstall the application.
KAVJA0010-E	An attempt to read the specified initialization information file of the java execution environment failed because of a lack of permission. Path name: *file-path*	An attempt to read the specified initialization information file of the java execution environment failed because of a lack of permission. **(S)** Aborts processing. **(O)** Make sure that the logged-in user has the required permission to read the initialization file.
KAVJA0011-E	A severe error due to an invalid configuration was detected while the configuration file was being read. Path name: *file-path*	A severe error due to an invalid configuration was detected while the configuration file was being read. **(S)** Aborts processing. **(O)** Contact the system administrator.

Message ID	Message	Corrective Action
KAVJA0012-E	A syntax error was found while the configuration file was being read. Path name: *file-path* Line: *line-number*	A syntax error was found while the configuration file was being read. **(S)** Aborts processing. **(O)** Modify the line in the parameter file to remove the invalid specification, and then retry.
KAVJA0013-E	An error was detected during the reading of the configuration file. Path name: *file-path*	An error was detected during the reading of the configuration file. **(S)** Aborts processing. **(O)** Modify the line in the parameter file to remove the invalid specification, and then retry.
KAVJA0014-E	An error was detected while a process was terminating. Maintenance information: *maintenance-information*	An error was detected while a process was terminating. **(S)** Aborts processing. **(O)** Contact the system administrator.
KAVJA0015-E	An I/O error occurred during the reading of the configuration file. Path name: *file-path* Error information: *error-information*	An I/O error occurred during the reading of the configuration file. **(S)** Aborts processing. **(O)** Remove the error cause and then retry.
KAVJA0016-E	A directory referenced during system initialization does not exist. Maintenance information = *maintenance-information*	The directory does not exist. **(S)** Aborts processing. **(O)** Confirm that the directory exists, and try again.
KAVJA0017-E	Access permissions for a directory referenced during system initialization are unavailable. Maintenance information = *maintenance-information*	The directory cannot be accessed because read permissions are not available. **(S)** Aborts processing. **(O)** Confirm that the access permission settings for this directory are correct.

Message ID	Message	Corrective Action
KAVJA4001-E	An internal inconsistency was detected during the initialization. Maintenance information: *maintenance-information*	An internal inconsistency was detected during the initialization. **(S)** Aborts processing. **(O)** Contact the system administrator.
KAVJA4002-E	An unexpected error occurred during initialization. Module name: *module-name* Maintenance information: *maintenance-information*	An unexpected error occurred during initialization. **(S)** Aborts processing. **(O)** Contact the system administrator.
KAVJA4003-E	An attempt to read the message resource file failed. File name: *file-name* Maintenance information: *maintenance-information*.	An attempt to read the message resource file failed. **(S)** Aborts processing. **(O)** Contact the system administrator.
KAVJA5001-I	The activation process will now start.	The activation process will now start. **(S)** Starts the activation process.
KAVJA5002-I	The activation process has completed.	The activation process has completed. **(S)** Completes the activation process.
KAVJA5003-I	The termination process will now start.	The termination process will now start. **(S)** Starts the process.
KAVJA5004-I	The termination process has completed.	The termination process has completed. **(S)** Completes the process.
KAVJH0001-E	An unexpected error was detected while initiating the system. Module Name: DESCRIPTION Class Name: *class-name* Maintenance Information: *maintenance-information*	An unexpected error was detected while initiating the system. **(S)** Aborts processing. **(O)** Contact the system administrator.
KAVJH0002-E	An attempt to read a data-model file has failed. Module Name: DESCRIPTION Class Name: *class-name* Maintenance Information: *maintenance-information*	The store directory of a data-model file cannot be accessed. **(S)** Aborts processing. **(O)** Contact the system administrator.

Message ID	Message	Corrective Action
KAVJH0003-E	An attempt to read a data-model file has failed. Maintenance Information: *maintenance-information*	The user does not have access permission for the data model file. **(S)** Display of the Description window will now be canceled. **(O)** Make sure that you have the correct access privileges to the data-model file, and then retry.
KAVJH0004-E	An attempt to read a data-model file has failed. Maintenance Information: *maintenance-information*	The data-model file is corrupted. **(S)** Display of the Description window will now be canceled. **(O)** Re-execute the setup command.
KAVJH0005-E	An unexpected error has occurred. Maintenance Information: *maintenance-information*	An unexpected error has occurred. **(S)** Display of the Description window will now be canceled. **(O)** Contact the system administrator.
KAVJJ0001-E	Select a display format (Graph, List or Table).	You must select at least one display format. **(S)** Aborts processing. **(O)** Select at least one display format (Graph, List or Table).
KAVJJ0002-E	Specify the required items. Item Name: *item-name*	A required item is not specified. **(S)** Aborts processing. **(O)** Enter the required item(s).
KAVJJ0003-E	The drilldown target report definition was not found.	The drilldown target report definition has been removed. **(S)** Aborts processing. **(O)** Specify an existing report definition as the drilldown target.
KAVJJ8001-Q	*the-number-of-reports* reports will be displayed. Each report will be displayed in a separate report window. Do you want to continue?	An attempt was made to display multiple reports. **(S)** Waits for a reply. **(O)** Click **OK** button for proceeding. Click **Cancel** button not to display.

Message ID	Message	Corrective Action
KAVJJ8002-Q	Do you want to delete the "*folder-names*" folder?	Confirm deletion of the folder. **(S)** Waits for a reply. **(O)** Click the **OK** button to delete the folder. Click the **Cancel** button to cancel.
KAVJJ8003-Q	Do you really want to delete the report definition "*report-name*"?	Make sure that the report definition is to be deleted. **(S)** Waits for a reply. **(O)** Click the **OK** button to delete the report definition. Click the **Cancel** button to cancel.
KAVJJ8004-Q	The folder *folder-name* and everything in it will be deleted. Is this OK?	The system is confirming that you want to delete the folder and everything in it. **(S)** Waits for a reply. **(O)** To delete the folder and everything in it, click the **OK** button. To cancel, click the **Cancel** button.
KAVJJ8005-Q	When using one of the [Line], [Area], and [Stacked Area] graph formats, only one field can be selected for the Multi-Instance's or the Multi-Agent's graph window. If you select more than one, the graph format will change to [Column]. Is this OK?	Confirm selection the field. **(S)** Waits for a reply. **(O)** Click the **OK** button to select a field. Click the **Cancel** button to cancel.
KAVJJ8006-Q	A report of the same name (*report-name*) already exists in the specified folder. Is it OK to overwrite it?	Confirm overwriting of the report. **(S)** Waits for a reply. **(O)** Click the **OK** button to overwrite. To cancel, click the **Cancel** button.
KAVJJ8007-Q	Changing the report type will clear the record and field settings. Do you want to continue?	Confirm whether or not you want to change the report type. **(S)** Waits for a reply. **(O)** To proceed with the report type change, consequently clearing the record and field settings, click **OK**. To cancel the report type change, click **Cancel**.

Message ID	Message	Corrective Action
KAVJJ8008-Q	All compound conditions for the selected conditional expression will be deleted. Is this OK?	The system is confirming that you want to delete all compound conditions for the conditional expression. **(S)** Waits for a reply. **(O)** To delete the conditions, click the **OK** button. To cancel the operation, click the **Cancel** button.
KAVJJ8009-Q	The report wizard settings will be cancelled, and the wizard will end. Is this OK?	The system is confirming that you want to terminate the report wizard. **(S)** Waits for a reply. **(O)** To terminate the wizard and cancel the settings, click the **OK** button. To cancel the operation, click the **Cancel** button.
KAVJJ8010-Q	The contents of the information frame will be disabled. Do you want to continue?	The system is confirming that you want to disable the contents of the information frame and operate another frame. **(S)** Waits for a reply. **(O)** To operate by using other frames, even though the settings are disabled, click the **OK** button. To cancel, click the **Cancel** button.
KAVJJ8011-Q	Changing the product will clear the record and field settings. Do you want to continue?	The system is confirming that you want to change the product. **(S)** Waits for a reply. **(O)** To change the product, click the **OK** button. To cancel, click the **Cancel** button.
KAVJJ8012-Q	Changing the record will clear the field settings. Do you want to continue?	The system is confirming that you want to change the record. **(S)** Waits for a reply. **(O)** To change the record, even though this will disable the settings, click the **OK** button. To cancel, click the **Cancel** button.

Message ID	Message	Corrective Action
KAVJJ8013-Q	Do you want to delete the "*bookmark-name*" bookmark?	The system is confirming that you want to delete the bookmark. **(S)** Waits for a reply. **(O)** To delete the bookmark, click the **OK** button. To cancel, click the **Cancel** button.
KAVJJ8014-Q	When the registered report "*report-name*" is deleted and a bookmark becomes empty, the "*bookmark-name*" bookmark will also be deleted. Do you want to continue?	The system is confirming that you want to delete the registered report. **(S)** Waits for a reply. **(O)** To delete the registered report, click the **OK** button. To cancel, click the **Cancel** button.
KAVJJ8015-Q	A [Display key] field cannot be selected when the graph format is [Line], [Area], or [Stacked Area]. If you select the [Display key] field, the graph format will change to [Column]. Is this OK?	The system is confirming that you want to select the field. **(S)** Waits for a reply. **(O)** To select a field, click the **OK** button. To cancel, click the **Cancel** button.
KAVJK0001-E	*command-line*: No sub-command is specified on the command line.	No subcommand is specified in the command line arguments. **(S)** Aborts command processing. **(O)** See the manual for the correct command line syntax, and then retry execution.
KAVJK0002-E	*command-line*: No parameter file is specified on the command line.	The path to the parameter file is not specified correctly in the command line arguments. **(S)** Aborts command processing. **(O)** Specify the path of the parameter file according to the manual.
KAVJK0003-E	*command-line*: The specified file path of the parameter file is invalid.	The path of the parameter file specified on the command line is invalid. **(S)** Aborts command processing. **(O)** Make sure that the parameter file is located in the path.

Message ID	Message	Corrective Action
KAVJK0004-E	*command-line*: The output file pathname is not specified on the command line.	The path to the output file is not specified correctly in the command line arguments. **(S)** Aborts command processing. **(O)** Specify the path of the output file according to the manual.
KAVJK0005-E	*command-line*: The specified file path of the output file is invalid.	The path of the output file specified on the command line is invalid. **(S)** Aborts command processing. **(O)** Make sure that the output file is located in the path.
KAVJK0006-E	*command-line*: Specified arguments are invalid.	There are too many arguments. **(S)** Aborts command processing. **(O)** See the manual for the correct command line syntax, and then retry execution.
KAVJK0007-E	*command-line*: An argument is duplicated. Argument: *argument*	The same arguments are repeatedly specified on the command line. **(S)** Aborts command processing. **(O)** See the manual for the correct command line syntax, and then retry execution.
KAVJK0008-E	*command-line*: An invalid service ID was specified. Service ID: [*service-id*]	The specified service ID is too short, invalid, or not used by Agent Store. Alternatively, the service is stopped. **(S)** Aborts command processing. **(O)** Specify a valid service ID, confirm that service is running, and then retry.
KAVJK0009-E	*command-line*: The specified update count is outside the valid range.	The update count specified for the rc argument on the command line is outside the valid range. **(S)** Aborts command processing. **(O)** Specify a value from 1 to 2,147,483,647.

Message ID	Message	Corrective Action
KAVJK0010-E	*command-line*: The specified update interval is outside the valid range.	The update interval specified for the ri argument on the command line is outside the valid range. **(S)** Aborts command processing. **(O)** Specify a value from *minimum-value* to *maximum-value*.
KAVJK0051-E	*command-line*: The XML parser returned a DTD validation error. Line: *line-number* Cause: *message*	The XML parser failed to validate the DTD of the user-specified parameter file. **(S)** Terminates command executing. **(O)** Check the Line in the parameter file, modify the invalid specification based on the Cause, and then retry.
KAVJK0052-E	*command-line*: The DTD specified in the DOCTYPE statement is invalid. Line: *line-number* DTD: [*message or DTD-file-name*]	The DTD identifier of the DOCTYPE declaration in the parameter file is not an identifier made public by the system. **(S)** Terminates command executing. **(O)** Change the DTD identifier to an identifier made public by the system, and then retry.
KAVJK0053-E	*command-line*: An XML element value is invalid. Line: *line-number* Element name: *element-name* Element value: [*element-value*]	An invalid element value is specified in the parameter file. **(S)** Skips processing of service ID detected an error, and then executes next processing of service ID. **(O)** Check the line in the parameter file, modify the invalid element value(s) based on the Cause, and then retry.
KAVJK0054-E	*command-line*: An XML attribute value is invalid. Line: *line-number* Element name: *element-name* Attribute name: *attribute-name* Attribute value: [*attribute-value*]	An invalid or duplicated attribute value is specified in the parameter file. **(S)** Skips processing of service ID detected an error, and then executes next processing of service ID. **(O)** Check the Line in the parameter file, modify the invalid or duplicated attribute value based on the Cause, and then retry.
KAVJK0101-E	An attempt to create the output file failed. Output file name: *file-name*	The output file already exists. **(S)** Terminates command executing. **(O)** Specify a different file name, and then retry.

Message ID	Message	Corrective Action
KAVJK0102-E	The specified file is read-only.	The user does not have permission to overwrite the specified output file. **(S)** Terminates command executing. **(O)** Specify a different file name, and then retry.
KAVJK0103-E	The specified report definition or folder does not exist.	A nonexistent report definition or folder was specified. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Make sure that the specifications in the parameter file are correct.
KAVJK0104-E	The specified report definition or folder is read-only.	An attempt was made to delete a read-only report definition or folder. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Make sure that the specifications in the parameter file are correct.
KAVJK0105-E	A communication error occurred while the specified report definition or folder was being processed. Maintenance information: *detailed-information*	A remote messaging interface error occurred during the processing. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Contact the system administrator.
KAVJK0106-E	An attempt to output to the file failed while the specified report definition or folder was being processed. Cause: *detailed-information*	An output file access error occurred during the processing. **(S)** Aborts command processing. **(O)** Remove the cause, and then retry.
KAVJK0109-E	The parameter file contains an invalid statement. Line: *line-number* Element: <report-definition> Attribute name: name Attribute value: [*report-name*]	The length of the specified report name is zero or longer than 64 characters. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify a report name from one to 64 characters.

Message ID	Message	Corrective Action
KAVJK0110-E	The parameter file contains an invalid statement. Line: *line-number* Element: <report-definition> Attribute name: parent-folder Attribute value: [*folder-name*]	The length of a folder name in the specified folder path is zero or longer than 64 characters. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Each folder name in the folder path should be from one to 64 characters.
KAVJK0111-E	The parameter file contains an invalid statement. Line: *line-number* Element: <report-definition>	The specified report definition *report-fullpath* already exists. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify a unique report definition name.
KAVJK0112-E	The parameter file contains an invalid statement. Line: *line-number* Element: <product-id> Value: [*product-id*]	The specified product ID is not supported by the Server. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify a product ID that is supported by the Server.
KAVJK0113-E	The parameter file contains an invalid statement. Line: *line-number* Element: <report-type> Attribute name: type Attribute value: [*report-type*]	The specified report type is not supported by the Server. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify one of the following report types. Both uppercase and lowercase can be used for the character string: ▪ `historical-single-agent` ▪ `HISTORICAL-SINGLE-AGENT` ▪ `historical-multiple-agents` ▪ `HISTORICAL-MULTIPLE-AGENTS` ▪ `realtime-single-agent` ▪ `REALTIME-SINGLE-AGENT`

Message ID	Message	Corrective Action
KAVJK0114-E	The parameter file contains an invalid statement. Line: *line-number* Element: <record> Attribute name: id Attribute value: [*record-id*]	The specified record ID is not supported by the Server. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify a record ID that is supported by the Server.
KAVJK0115-E	The parameter file contains an invalid statement. Line: *line-number* Element: <field> Attribute name: display-name Attribute value: [*user-displaying-name*]	A display name longer than 24 characters is specified. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify a display name up to 24 characters.
KAVJK0116-E	The parameter file contains an invalid statement. Line: *line-number* Element: *element-name* Value: [*field-id*]	The specified field ID is not known by the Server. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify a field ID known by the Server.
KAVJK0117-E	The parameter file contains an invalid statement. Line: *line-number* Element: <field>	The field ID is not specified. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify a field ID.
KAVJK0118-E	The parameter file contains an invalid statement. Line: *line-number* Element: <expression> Value: [*filter-formula*]	A comparison operator is not specified. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify one of the following comparison operators: =, >, >=, <, <=, <>

Message ID	Message	Corrective Action
KAVJK0119-E	The parameter file contains an invalid statement. Line: *line-number* Element: <expression> Value: [*filter-formula*]	The comparison operator *operator* is invalid. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify one of the following comparison operators: =, >, >=, <, <=, <>
KAVJK0120-E	The parameter file contains an invalid statement. Line: *line-number* Element: <expression>	The right operand of the `<expression>` value is not specified, however `specify-when-displayed` is `FALSE` or not specified. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify `TRUE` for `specify-when-displayed` if you want to omit the definition of the right operand and specify it when prompted.
KAVJK0121-E	The parameter file contains an invalid statement. Line: *line-number* Element: <date-range> Value: [*report-displaying-period*]	The specified date range is invalid. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify one of the following as the date range. Both uppercase and lowercase can be used for the character string: ▪ `WITHIN_THE_PAST_HOUR` ▪ `WITHIN_THE_PAST_24_HOURS` ▪ `WITHIN_THE_PAST_7_DAYS` ▪ `WITHIN_THE_PAST_MONTH` ▪ `WITHIN_THE_PAST_YEAR` ▪ `SPECIFY_WHEN_DISPLAYED`

Message ID	Message	Corrective Action
KAVJK0122-E	The parameter file contains an invalid statement. Line: *line-number* Element: <report-interval> Value: [*collection-interval*]	The specified `report-interval` is invalid. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify one of the following as the `report-interval`. Both uppercase and lowercase can be used for the character string: ▪ `MINUTE` ▪ `HOUR` ▪ `DAY` ▪ `WEEK` ▪ `MONTH` ▪ `YEAR`
KAVJK0123-E	The parameter file contains an invalid statement. Line: *line-number* Element: <graph-type> Value: [*graph-type*]	The specified graph type is invalid. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify one of the following as the graph type. Both uppercase and lowercase can be used for the character string: ▪ `COLUMN` ▪ `STACKED_COLUMN` ▪ `BAR` ▪ `STACKED_BAR` ▪ `PIE` ▪ `LINE` ▪ `AREA` ▪ `STACKED_AREA`
KAVJK0124-E	The parameter file contains an invalid statement. Line: *line-number* Element: *element-name* Value: [*label*]	An axis label longer than 40 characters is specified. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify an axis label up to 40 characters.

Message ID	Message	Corrective Action
KAVJK0125-E	The parameter file contains an invalid statement. Line: *line-number* Element: <ref-report> Attribute name: pathname Attribute value: [*report-fullpath*]	The specified report definition is not defined on the Server. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify a report definition that is defined on the Server.
KAVJK0126-E	The parameter file contains an invalid statement. Line: *line-number* Element: <ref-report> Attribute name: pathname Attribute value: [*folder-path*]	A report definition is not specified for the drilldown report. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify a report definition path name connecting the folder path and report definition name by '/'.
KAVJK0127-E	The specified folder does not contain a report definition.	An empty folder is specified as the target to output the report definition information. **(S)** Skips processing of report definition specified, and then processes next folder/report definition existing in parameter file. **(O)** Modify the report definition pathname (folder names and the report definition name delimited by '/') specified in the parameter file.
KAVJK0128-E	The parameter file contains an invalid statement. Line: *line-number* Element: *element-name* Attribute name: *attribute-name* Attribute value: [*folder-path*]	The specified folder path does not start with '/'. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Modify the folder path according to the manual, and then retry.
KAVJK0129-E	The parameter file contains an invalid statement. Line: *line-number* Element: <report-definition> Attribute name: parent-folder Attribute value: [*folder-path*]	The value specified as a folder path is a report definition. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Modify the folder path according to the manual, and then retry.

Message ID	Message	Corrective Action
KAVJK0130-E	The parameter file contains an invalid statement. Line: *line-number* Element: <report-definition> Attribute name: parent-folder Attribute value: [*folder-path*]	When '`create`' is specified as a subcommand, a system folder cannot be specified as the parent folder. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Modify the folder path according to the manual, and then retry.
KAVJK0131-E	The parameter file contains an invalid statement. Line: *line-number* Element: <record> Attribute name: id Attribute value: [*record-id*]	When '`historical-multiple-agents`' is specified as the `report-type`, the record ID of multi-instance record cannot be specified. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify the ID of a single-instance record.
KAVJK0132-E	The parameter file contains an invalid statement. Line: *line-number* Element: <field> Attribute name: graph	Fields for which the data type is char, string or time_t cannot be displayed in graph format. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify '`FALSE`' as the graph attribute of char, string or time_t type fields.
KAVJK0133-E	The parameter file contains an invalid statement. Line: *line-number* Element: <fields>	`FALSE` is specified for the table, list and graph attributes of all the fields. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify `TRUE` for at least one of the table, list or graph attributes of any field specified in the parameter file.
KAVJK0134-E	The parameter file contains an invalid statement. Line: *line-number* Element: <expression> Value: [*field-id*]	To specify the condition expression for a field drilldown, the field ID to be set for the left operand must match the field ID of a record defined in the drilldown report. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Modify the field ID specified as the left operand according to the manual.

Message ID	Message	Corrective Action
KAVJK0135-E	The parameter file contains an invalid statement. Line: *line-number* Element: <expression> Value: [*right-operand*]	The right operand in the expression is invalid. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Modify the value of the right operand according to the manual.
KAVJK0136-E	The parameter file contains an invalid statement. Line: *line-number* Element: <expression> Value: [*right-operand*]	When the right operand is not enclosed in quotation marks, it is assumed that the right operand is a field ID. However, a field ID is specifiable for the right operand only in a condition expression of a field drilldown. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Modify the value of the right operand according to the manual.
KAVJK0137-E	The parameter file contains an invalid statement. Line: *line-number* Element: <expression> Value: [*right-operand*]	The value specified for the right operand exceeds the maximum length. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify up to 2,048 characters in the right operand.
KAVJK0138-E	The parameter file contains an invalid statement. Line: *line-number* Element: <expression> Value: [*right-operand*]	The right operand is invalid. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** When specifying a condition expression of a field drilldown and the field type of the left operand is time_t, the right operand should be a field ID, or omitted with `specify-when-displayed` attribute set to `TRUE`.

Message ID	Message	Corrective Action
KAVJK0139-E	The parameter file contains an invalid statement. Line: *line-number* Element: <expression> Value: [*right-operand*]	The right operand is invalid. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** When specifying `<condition-expression>` as a child of `<report>` and the field type of the left operand is time_t, the right operand should be omitted with the `specify-when-displayed` attribute set to `TRUE`.
KAVJK0140-E	The parameter file contains an invalid statement. Line: *line-number* Element: *element-name* Value: [*field-id*]	The specified field ID is not specified by the <`fields`> element. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Modify the field ID statements in <`fields`> according to the manual.
KAVJK0141-E	The parameter file contains an invalid statement. Line: *line-number* Element: *element-name* Value: [*field-id*]	The specified field is neither DATETIME nor any of the fields listed by `<fields>`. Or it is DEVICEID or PROD_INST however the record to be reported is multi-instance record. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Modify the field ID in <`expression`> according to the manual.
KAVJK0142-E	The parameter file contains an invalid statement. Line: *line-number* Element: <expression> Value: [*right-operand*]	The value of the right operand is out of range. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Modify the value of the right operand according to the manual.
KAVJK0143-E	The parameter file contains an invalid statement. Line: *line-number* Element: <expression> Value: [*right-operand*]	The number of digits of the value in the right operand exceeds the maximum value. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Modify the value of the right operand according to the manual.

Message ID	Message	Corrective Action
KAVJK0144-E	The parameter file contains an invalid statement. Line: *line-number* Element: <indication-settings> Attribute name: maximum-number-of-records Attribute value: [*attribute-value*]	The value of `maximum-number-of-records` is out of range. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify a value from 1 to 2147483647.
KAVJK0145-E	The parameter file contains an invalid statement. Line: *line-number* Element: <report-interval> Value: [*value*]	*record-id* is not a PI record. The value of the <`report-interval`> tag must be `MINUTE`. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Change the `report-interval` to MINUTE.
KAVJK0146-E	The parameter file contains an invalid statement. Line: *line-number* Element: <peak-time>	The <`peak-time`> tag cannot be specified because the specified record (*record-id*) is not a PI record or is a multi-instance record. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Delete the <`peak-time`> tag.
KAVJK0147-E	The parameter file contains an invalid statement. Line: *line-number* Element: <peak-time>	<`peak-time`> tag is not specifiable because the type of *field-id* is neither long, short, ulong, double nor float. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Delete the <`peak-time`> tag.
KAVJK0148-E	The parameter file contains an invalid statement. Line: *line-number* Element: <peak-time>	<`peak-time`> tag is specifiable only if <`report-interval`> tag is set to `HOUR`. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Delete the <`peak-time`> tag.

Message ID	Message	Corrective Action
KAVJK0149-E	The parameter file contains an invalid statement. Line: *line-number* Element: <display-key>	When the report type is `historical-multiple-agents`, `<display-key>` tag is not specifiable. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Delete the `<display-key>` tag.
KAVJK0150-E	The parameter file contains an invalid statement. Line: *line-number* Element: <graph-properties>	When no field has the graph attribute set to `TRUE`, `<graph-properties>` tag is not specifiable. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Delete the `<graph-properties>` tag.
KAVJK0151-E	The parameter file contains an invalid statement. Line: *line-number* Element: <graph-type> Value: [*graph-type*]	When specifying a multi-instance record, or the report type is multi-agents, and the graph attribute is set to `TRUE` for more than one field, `LINE`, `AREA`, and `STACKED_AREA` are not specifiable. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Modify the value of <`graph-type`> tag.
KAVJK0152-E	The parameter file contains an invalid statement. Line: *line-number* Element: <graph-type> Value: [*graph-type*]	When `<display-key>` tag is specified, `LINE`, `AREA`, and `STACKED_AREA` are not specifiable for <`graph-type`> tag. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Modify the value of <`graph-type`> tag.
KAVJK0153-E	The parameter file contains an invalid statement. Line: *line-number* Element: <graph-type> Value: *graph-type*	When specifying a multi-instance record, or the report type is multi-agents, and the `series-direction` attribute is set to `BY_COLUMN`, `LINE`, `AREA`, and `STACKED_AREA` are not specifiable for <`graph_type`> tag. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Modify the value of <`graph-type`> tag.

Message ID	Message	Corrective Action
KAVJK0154-E	The parameter file contains an invalid statement. Line: *line-number* Element: <graph-type> Value: *graph-type*	When specifying a single-instance record, or the report type is single-agent, and the `series-direction` attribute is set to `BY_ROW`, `LINE`, `AREA`, and `STACKED_AREA` are not specifiable for <`graph_type`> tag. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Modify the value of <`graph-type`> tag.
KAVJK0155-E	The parameter file contains an invalid statement. Line: *line-number* Element: *element-name*	When `PIE` is specified for <`graph-type`> tag, *element-name* is not specifiable. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Delete the <*element-name*> tag.
KAVJK0156-E	The parameter file contains an invalid statement. Line: *line-number* Element: <data-label>	When specifying a single-instance record and the report type is single-agent and <`graph-type`> tag is `LINE`, `AREA`, or `STACKED_AREA`, <`data-label`> tag cannot be specified. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Delete the `<data-label>` tag.
KAVJK0157-E	The parameter file contains an invalid statement. Line: *line-number* Element: <ref-report> Value: [*report-definition-path*]	The product ID of the report definition specified for the drilldown does not match, or the data model version is new. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Modify the pathname attribute to specify a correct report definition.
KAVJK0158-E	The XML parser returned a DTD validation error. Line: *line-number* Cause: *message*	The XML parser failed to validate the user-specified parameter file using the DTD. **(S)** Skips the current processing, and then processes the next item in the parameter file. **(O)** Check the Line in the parameter file, modify the invalid specification based on the Cause, and then retry.

Message ID	Message	Corrective Action
KAVJK0159-E	The parameter file contains an invalid statement. Line: *line-number* Element: <expression> Value: [*right-operand*]	The right operand contains a control character or (,), [,], <, >, =, or ". **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Remove the control character or the (,), [,], <, >, =, or " from the right operand, and then retry.
KAVJK0160-E	The parameter file contains an invalid statement. Line: *line-number* Element: <ref-field> Attribute name: id Attribute value: [*field-name*]	The value of the ref-field is duplicated. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Make sure that the field ID for the field drilldown is unique.
KAVJK0161-E	The parameter file contains an invalid statement. Line: *line-number* Element: <report-definition> Attribute name: parent-folder Attribute value: [*folder-name*]	The folder name starts with or ends with a single-byte blank character. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Remove the first or last blank character, and then retry.
KAVJK0162-E	The parameter file contains an invalid statement. Line: *line-number* Element: *element-name* Attribute name: *attribute-name* Attribute value: [*attribute-value*]	The attribute value contains a control character. **(S)** Skips the current processing, and then processes the next item in the parameter file. **(O)** Remove the control character from the attribute value, and then retry.
KAVJK0163-E	The parameter file contains an invalid statement. Line: *line-number* Element: *element-name* Element value: [*element-value*]	The element value contains a control character. **(S)** Skips the current processing, and then processes the next item in the parameter file. **(O)** Remove the control character from the element value, and then retry.

Message ID	Message	Corrective Action
KAVJK0164-E	An I/O error occurred during the reading of the confirmation from the user. Cause: *error-information*	An I/O error occurred during the reading of the confirmation from the user. **(S)** Aborts command processing. **(O)** Remove the cause, and then retry.
KAVJK0165-E	The parameter file contains an invalid statement. Line: *line-number* Element: <report-definition> Attribute name: name Attribute value: [*report-name*]	The specified report name is a string of blank character(s). **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify a report name starting with one or more characters other than blank.
KAVJK0166-E	*command-line*: The value specified for the conditional expression in the parameter file exceeds the maximum length. Line: *line-number* Element: *element-name*	The value specified for the conditional expression in `<logif>` exceeds 511 bytes. **(S)** Skips processing of service ID detected an error, processes next service ID. **(O)** Specify a value within 511 bytes for the conditional expression in `<logif>`.
KAVJK0167-E	The parameter file contains an invalid statement. Line: *line-number* Element: <field> Value: [*field-name*]	The value of the field is duplicated. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Make sure that the field ID of a field is specified only once.
KAVJK0168-E	A report definition with the specified report name has been created by another user. Report name: [*report-fullpath*]	A report definition with the specified report name has been created by another user. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Check the server status, and then retry.
KAVJK0169-E	The specified folder path has been deleted by another user. Folder path: [*folder-path*]	The specified folder path has been deleted by another user. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Check the server status, and then retry.

Message ID	Message	Corrective Action
KAVJK0170-E	*command-line*: An XML attribute value is invalid. Line: *line-number* Element name: *element-name* Attribute name: *attribute-name* Attribute value: [*attribute-value*]	The service ID of the specified parameter file is too short, invalid, not used by Agent Store, or specified more than once; or the service has stopped. **(S)** Skips processing of the service ID for which an error was detected, and then processes the next service ID. **(O)** Specify a valid service ID, make sure that the service is running, and then retry.
KAVJK0171-E	The parameter file contains an invalid entry. Line: *line-number* Element: <indication-settings>	If you specify the `realtime-single-agent` `<report-type>` tag, you cannot specify the `<indication-settings>` tag. **(S)** Skips processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify the `<realtime-indication-settings>` tag.
KAVJK0172-E	The parameter file contains an invalid entry. Line: *line-number* Element: <realtime-indication-settings>	If you specify `historical-single-agent` or `historical-multiple-agents` for the `<report-type>` tag, you cannot specify the `<indication-settings>` tag. **(S)** Skips processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify the `<indication-settings>` tag.
KAVJK0173-E	The parameter file contains an invalid entry. Line: *line-number* Element: <refresh-interval> Attribute name: [*attribute-value*]	If you specify "`true`" for `do-not-refresh-automatically`, you cannot specify `initial-value` and `minimum-value` attributes. **(S)** Skips processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Delete the `initial-value` and `minimum-value` attributes.

Message ID	Message	Corrective Action
KAVJK0174-E	The parameter file contains an invalid entry. Line: *line-number* Element: <refresh-interval> Attribute name: initial-value Attribute value: [*attribute-value*]	The value of `initial-value` is outside the valid range. **(S)** Skips processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify a value from `minimum-value` to 3600.
KAVJK0175-E	The parameter file contains an invalid entry. Line: *line-number* Element: <refresh-interval> Attribute name: minimum-value Attribute value: [*attribute-value*]	The value of `minimum-value` is outside the valid range. **(S)** Skips processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify a value from 10 to 3600.
KAVJK0176-E	The parameter file contains an invalid entry. Line: *line-number* Element: <display-by-ranking>	You cannot make the specification if the record specified as the id attribute of the `<record>` tag is a single-line record. **(S)** Skips processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Delete the `<realtime-indication-settings>` tag.
KAVJK0177-E	The parameter file contains an invalid entry. Line: *line-number* Element: <display-by-ranking> Attribute name: field Attribute value: [*attribute-value*]	An attribute field (character and time) that cannot be specified for ranking has been specified. **(S)** Skips processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify a field other than character and time.
KAVJK0178-E	The parameter file contains an invalid entry. Line: *line-number* Element: <display-by-ranking> Attribute name: display-number Attribute value: [*attribute-value*]	The value of `display-number` is outside the valid range. **(S)** Skips processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Specify a value from 1 to 100.

Message ID	Message	Corrective Action
KAVJK0179-E	The parameter file contains an invalid entry. Line: *line-number* Element: <field> Value: [*attribute-value*]	If you specified `realtime-single-agent` for the `<report-type>` tag, you cannot specify [*attribute-value*] for the `<field>` tag. **(S)** Skips processing of the specified report definition, and then processes the next report definition in the parameter file. **(O)** Revise the specified field ID.
KAVJK0180-E	The parameter file contains an invalid statement. Line: *line-number* Element: <peak-time>	The <`peak-time`> tag cannot be specified because the specified report definition record (*record-id*) is not a PI record or is a multi-line record. **(S)** Aborts command processing. **(O)** Delete the <`peak-time`> tag.
KAVJK0201-E	*command-line*: The parameter file directory is invalid. Parameter file name: *file-name*	The specified directory does not exist, or read is not permitted. **(S)** Terminates command executing. **(O)** Confirm that the directory exists, permit read-only access, and then retry.
KAVJK0202-E	*command-line*: An attempt to read the parameter file failed. Parameter file name: *file-name* Cause: [*excepted-notification-message*]	The specified file does not exist, read is not permitted, or an abnormal error occurred during read. **(S)** Terminates command executing. **(O)** Confirm that the file exists, permit read-only access, and then retry.
KAVJK0203-E	*command-line*: The directory to output the file is invalid. Output file name: *file-name*	The directory does not exist or the output file cannot be created because of a problem in the access permission. **(S)** Terminates command executing. **(O)** Confirm that the specified directory exists and that the access permission is correct, and then retry.

Message ID	Message	Corrective Action
KAVJK0204-E	*command-line*: An attempt to create the output file failed. Output file name: *file-name* Cause: [*excepted-notification-message*]	The specified output file already exists and overwrite is not permitted, or an abnormal error occurred during write. **(S)** Terminates command executing. **(O)** Confirm that the file access permission is correct, remove the cause of the error, and then retry.
KAVJK0205-E	*command-line*: A subcommand is invalid.	The first argument on the command line is not a valid subcommand. **(S)** Terminates command executing. **(O)** Modify the command line according to the manual, and then retry.
KAVJK0206-E	*command-line*: Output of the file was stopped because, in the confirmation dialog box, the user canceled the overwrite of the existing file.	Output of the file was stopped because, in the confirmation dialog box, the user canceled the overwrite of the existing file. **(S)** Aborts command processing.
KAVJK0207-E	*command-line*: The user does not have access permissions for the specified output destination file path. Path name: *file-path*	The user does not have access permissions for the specified output destination path. **(S)** Aborts command processing. **(O)** Check the access permissions for the specified output destination path.
KAVJK0208-E	*command-line*: The file path of the specified output destination is invalid. Path name: *file-path*	Possible causes are as follows: - A directory that does not exist was specified in the output destination file path. - A directory name was specified for the output file name. **(S)** Aborts command processing. **(O)** Specify a valid output destination file path.
KAVJK0209-E	*command-line*: An I/O error occurred during the opening of the output file. Error information: *error-information*	A file I/O error occurred during processing. **(S)** Aborts command processing. **(O)** Determine the cause of the error, and then try again.

Message ID	Message	Corrective Action
KAVJK0210-E	*command-line*: An I/O error occurred during the writing of the output file. Error information: *error-information*	A file I/O error occurred during processing. **(S)** Aborts command processing. **(O)** Determine the cause of the error, and then try again.
KAVJK0211-E	*command-line*: An I/O error occurred during the opening of the input file. Error information: *error-information*	A file I/O error occurred during the opening of the input file. **(S)** Aborts command processing. **(O)** Determine the cause of the error, and then try again.
KAVJK0212-E	*command-line*: An I/O error occurred during the reading of the input file. Error information: *error-information*	A file I/O error occurred during processing. **(S)** Aborts command processing. **(O)** Determine the cause of the error, and then try again.
KAVJK0213-E	*command-line*: The user does not have access permissions for the specified input file. Path name: *file-path*	The file cannot be accessed because the user does not have read permission. **(S)** Aborts command processing. **(O)** Check the access permissions for the file.
KAVJK0214-E	*command-line*: The specified input file path is invalid. Path name: *file-path*	Possible causes are as follows: - A directory that does not exist in the input file path was specified. - A directory name was specified for the input file name. **(S)** Aborts command processing. **(O)** Specify a valid input file path.
KAVJK0301-E	*command-line*: An attempt to connect to the Manager failed. Manager host name: *host-name-of-connected-target-Manager* `Port number:` *port-number-of-connected-target-Manager*	The session with Manager could not be established. **(S)** Terminates command executing. **(O)** Check the connection-target host and the port number.

Message ID	Message	Corrective Action
KAVJK0302-E	*command-line*: Communication with the Manager failed. Cause: *error-message*.	Communication with Manager failed. **(S)** `jpcasrec` command, `jpcaspsv` command: Skips processing of service ID detected an error, processes next service ID. `jpcrdef` command: Skips processing of report definition specified, process next report definition existing parameter file. **(O)** Contact the system administrator.
KAVJK0303-E	*command-line*: The definition read or update request to Manager failed. Cause: *error-information* Exception Message: *excepted-notification-message*	The request to Manager to read or update the required definition failed. **(S)** Terminates command executing. **(O)** Remove the Cause. Check the error messages in the server log files.
KAVJK0304-E	*command-line*: An attempt to connect to the Manager has failed. Manager host name: *host-name-of-connected-target-Manager* Port number: *port-number-of-connected-target-Manager* Maintenance information: *maintenance-information*	A session with the Manager could not be established. Either the Manager is not running, or the connection target is incorrect. **(S)** Aborts command processing. **(O)** Make sure that the Manager is running and that the connection target is correct.
KAVJK0305-E	The agent cannot be connected.	The report cannot be acquired because the agent or the store database is not running, or the network path to the agent was intercepted. **(S)** Aborts command processing. **(O)** If the agent or database is not running: Start the agent and the store database, and then retry.
KAVJK0306-E	*command-line*: A session with the Manager could not be established. Manager host name: *host-name* Port number: *port-number*	A connection could not be established with the Manager because an invalid host name was specified for the connection-target Manager host in the initial settings file. **(S)** Aborts command processing. **(O)** Use the correct format to specify the host.

Message ID	Message	Corrective Action
KAVJK0401-E	*command-line*: Memory has become insufficient.	A server memory shortage occurred. **(S)** Terminates command executing. **(O)** Stop unnecessary applications and close windows to increase available memory, and then retry.
KAVJK0402-E	*command-line*: A system error occurred. Cause: *error-message*.	A system error occurred. **(S)** Terminates command executing. **(O)** Check the log file, and remove the Cause.
KAVJK0403-E	*command-line*: Initialization failed. Cause: *error-message*.	The initialization information could not be acquired, or login could not start. **(S)** Terminates command executing. **(O)** Confirm that the settings in `config.xml` are correct.
KAVJK0404-E	*command-line*: A critical configuration error was detected during reading of the parameter file. Maintenance information: *maintenance-information*	A critical configuration error was detected during reading of the parameter file. **(S)** Stops processing. **(O)** Contact the system administrator.

KAVJK0405-E	*command-line*: A Manager access error occurred. Maintenance information: *maintenance-information*	A Manager access error occurred.
		(S)
		Aborts command processing.
		(O)
		If any of the following codes is displayed for *maintenance-information*, see the chapter that describes troubleshooting in the *HiCommand Tuning Manager Agent Administration Guide*:
		`ViewServer error code: -2001`
		`ViewServer error code: -2004`
		`ViewServer error code: -2005`
		If information other than above is displayed for *maintenance-information*, contact the system administrator.

KAVJK0406-E	*command-line*: A critical error was detected during file output. Maintenance information: *maintenance information*	A critical error was detected during file output. **(S)** Stops processing. **(O)** Contact the system administrator.

Message ID	Message	Corrective Action
KAVJK0501-E	An attempt to fetch a required environment variable failed.	PR_BASEHOME, PR_CONFIG or PR_HOME is not set properly. **(S)** Terminates command executing. **(O)** Make sure the settings of PR_BASEHOME, PR_CONFIG and PR_HOME are valid according to the manual. Apply the valid environment variable(s), and then retry.
KAVJK0502-E	The configuration file was not found.	An attempt to locate the configuration file using the value of the PR_CONFIG environment variable failed. **(S)** Terminates command executing. **(O)** Make sure the value of PR_CONFIG matches the location of a valid configuration file.
KAVJK0503-E	The parameter file was not found.	The parameter file specified in the command line is invalid. **(S)** Terminates command executing. **(O)** Specify a correct parameter file, and then retry.
KAVJK0504-E	An internal error occurred.	The processing is in a state of internal inconsistency. **(S)** Terminates command executing. **(O)** Contact the system administrator.
KAVJK0505-E	A syntax error occurred.	A syntax error occurred. **(S)** Aborts command processing. **(O)** Modify the command line according to the manual, and then retry.
KAVJK0506-E	The value of the environment variable *variable-name* is invalid.	The value of the environment variable *variable-name* is invalid. **(S)** Terminates command executing. **(O)** Correct the value of the environment variable *variable-name*.

Message ID	Message	Corrective Action
KAVJK0601-E	The parameter file contains an invalid statement. Line: *line-number* Element: <*tag-name*>	The content of the tag has not been specified. **(S)** Aborts command processing. **(O)** Specify the content of the tag.
KAVJK0602-E	The parameter file contains an invalid statement. Line: *line-number* Element: <*tag-name*> Attribute name: *attribute-name*	A required attribute has not been specified. **(S)** Aborts command processing. **(O)** Specify the attribute.
KAVJK0603-E	The parameter file contains an invalid statement. Line: *line-number* Element: <*tag-name*> Value: [*agent-name*]	A nonexistent agent has been specified. **(S)** Aborts command processing. **(O)** Specify an existing agent.
KAVJK0604-E	*command-line*: The parameter file contains an invalid statement. Element: <agent> Value: [*agent-name*]	An agent that does not conform to the product in the specified report definition has been specified. **(S)** Aborts command processing. **(O)** Specify an agent that conforms to the product in the report definition.
KAVJK0605-E	*command-line*: The parameter file contains an invalid statement.	The filter expression specified in the <`expression-values`> tag is incomplete. The value for the [`Specify when displayed`] filter expression has not been specified. **(S)** Aborts command processing. **(O)** Specify the value for the filter expression.
KAVJK0606-E	*command-line*: The parameter file contains an invalid statement.	The date of <`start-time`> tag is later than that of <`end-time`> tag. **(S)** Aborts command processing. **(O)** Specify a date for <`start-time`> tag that is earlier than <`end-time`> tag.
KAVJK0607-E	The parameter file contains an invalid statement. Line: *line-number* Element: <*tag-name*> Attribute name: *attribute-name* Attribute value: [*attribute-value*]	The format for an integer value attribute is invalid. **(S)** Aborts command processing. **(O)** Specify an integer.

Message ID	Message	Corrective Action
KAVJK0609-E	The parameter file contains an invalid statement. Line: *line-number* Element: <*tag-name*>	The <*attribute-name*> tag cannot be specified because the specified report record ID (*record-id*) is not a PI record. **(S)** Aborts command processing. **(O)** Delete the <*tag-name*> tag specification.
KAVJK0610-E	The parameter file contains an invalid statement. Line: *line-number* Element: <start-time> Value: [*value-of-start-time*]	The date is outside the valid range. **(S)** Aborts command processing. **(O)** Specify a value from 1971 to 2035 for the year.
KAVJK0611-E	The parameter file contains an invalid statement. Line: *line-number* Element: <end-time> Value: [*value-of-end-time*]	The date is outside the valid range. **(S)** Aborts command processing. **(O)** Specify a value from 1971 to 2035 for the year.
KAVJK0612-E	The parameter file contains an invalid statement. Line: *line-number* Element: <start-time, end-time> Value: [*input-value*]	The format of the date is invalid. **(S)** Aborts command processing. **(O)** Use the correct format to specify the date.
KAVJK0613-E	The parameter file contains an invalid statement. Line: *line-number* Element: <expression-values>	The <`expression-values`> tag has been specified for a report for which the [Specify when displayed] filter expression has not been defined. **(S)** Aborts command processing. **(O)** Delete the <`expression-values`> tag specification.
KAVJK0614-E	The parameter file contains an invalid statement. Line: *line-number* Element: <expression-value> Attribute name: pos Attribute value: [*value-of-pos*]	The pos in the <`expression-value`> tag is outside of the valid range. **(S)** Aborts command processing. **(O)** Specify a value from 0 to *upper-limit*.
KAVJK0615-E	The parameter file contains an invalid statement. Line: *line-number* Element: <expression-value> Maintenance information: *value-of-pos*, *upper-limit*	No filter expression corresponding to the <`expression-value`> tag exists. **(S)** Aborts command processing. **(O)** Delete the <`expression-value`> tag.

Message ID	Message	Corrective Action
KAVJK0616-E	The parameter file contains an invalid statement. Line: *line-number* Element: <expression-value> Value: [*value*]	The value for the filter expression is invalid. **(S)** Aborts command processing. **(O)** Specify a valid value for the filter expression.
KAVJK0617-E	The parameter file contains an invalid statement. Line: *line-number* Element: <*tag-name*> Attribute name: *attribute-name*	The *attribute-name* attribute has been specified although the field attribute of the <*tag-name*> tag is NONE. **(S)** Aborts command processing. **(O)** Delete the *attribute-name* attribute setting.
KAVJK0618-E	The parameter file contains an invalid statement. Line: *line-number* Element: <*tag-name*>	Multiple agents cannot be specified when 'Historical (Multiple Agents)' is not selected for the report type. **(S)** Aborts command processing. **(O)** Specify only one agent.
KAVJK0619-E	The parameter file contains an invalid statement. Line: *line-number* Element: <indication-settings>	The <`indication-settings`> tag cannot be specified when 'Realtime (Single Agent)' is selected for the report type. **(S)** Aborts command processing. **(O)** Specify the <`realtime-indication-settings`> tag.
KAVJK0620-E	The parameter file contains an invalid statement. Line: *line-number* Element: <realtime-indication-settings>	The <`realtime-indication-settings`> tag cannot be specified when historical report is selected for the report type. **(S)** Aborts command processing. **(O)** Specify the <`indication-settings`> tag.
KAVJK0621-E	The parameter file contains an invalid statement. Line: *line-number* Element: <peak-time>	The <`peak-time`> tag cannot be specified because [`Hour`] is not selected for the report-interval. **(S)** Aborts command processing. **(O)** Delete the <`peak-time`> tag.

Message ID	Message	Corrective Action
KAVJK0622-E	The parameter file contains an invalid statement. Line: *line-number* Element: <*tag-name*> Value: [*field-id*]	A field ID which is not selected in the report definition has been specified. **(S)** Aborts command processing. **(O)** Revise the field ID specification.
KAVJK0623-E	The parameter file contains an invalid statement. Line: *line-number* Element: <expression-value> Value: [*value*]	The number of characters that can be specified for the filter expression value exceeds the maximum. **(S)** Aborts command processing. **(O)** Specify a character string of up to 2,048 characters for the filter expression value.
KAVJK0624-E	The parameter file contains an invalid statement. Line: *line-number* Element: <expression-value> Value: [*value*]	A control character or one of the following characters has been specified for the filter expression value: ( ) [ ] < > = " **(S)** Aborts command processing. **(O)** Delete the control character or one of the following characters that has been specified for the filter expression value: ( ) [ ] < > = "
KAVJK0625-E	*command-line*: The parameter file contains an invalid statement.	The <`date-range`>, <`start-time`>, and <`end-time`> tags cannot all be specified simultaneously. **(S)** Aborts command processing. **(O)** Revise the <`date-range`>, <`start-time`>, and <`end-time`> specifications.
KAVJK0626-E	The parameter file contains an invalid statement. Line: *line-number* Element: <display-by-ranking>	The <`display-by-ranking`> tag cannot be specified when the record is a single-instance record. **(S)** Aborts command processing. **(O)** Delete the <`display-by-ranking`> tag.
KAVJK0627-E	The parameter file contains an invalid statement. Line: *Line* Element name: *Element name* Attribute name: *Attribute name* Attribute value: *Attribute value*	The service ID of the specified parameter file is too short, or not used by Action Handler. **(S)** Skips processing of the service ID for which an error was detected, and then processes the next service ID. **(O)** Specify a valid service ID, and then retry.

Message ID	Message	Corrective Action
KAVJK0628-E	An attempt to connect to the Action Handler failed. Line: *Line* Element name: *Element name* Attribute name: *Attribute name* Attribute value: *Attribute value*	The service ID of the specified parameter file is incorrect, or the service has stopped. **(S)** Skips processing of the service ID for which an error was detected, and then processes the next service ID. **(O)** Specify a valid service ID, make sure that the service is running, and then retry.
KAVJK0629-E	The parameter file contains an invalid statement. Line: *Line* Element: *Element* Element *value: Element value*	The specified email setting is invalid. **(S)** Skips processing of the service ID for which an error was detected, and then processes the next service ID. **(O)** Specify one of the following as the email setting. Both uppercase and lowercase can be used for the character string: Yes No
KAVJK0630-E	The parameter file contains an invalid statement. Line: *Line* Element: *Element* Element value: *Element value*	The specified script setting is invalid. **(S)** Skips processing of the service ID for which an error was detected, and then processes the next service ID. **(O)** Specify one of the following as the script setting. Both uppercase and lowercase can be used for the character string: Yes No
KAVJK0631-E	The parameter file contains an invalid statement. Line: *Line* Element: *Element* Element value: *Element value*	The value specified for the SMTP host contains a multi-byte character. **(S)** Skips processing of the service ID for which an error was detected, and then processes the next service ID. **(O)** Enter only single-byte characters, and then retry.

Message ID	Message	Corrective Action
KAVJK0632-E	The parameter file contains an invalid statement. Line: *Line* Element: *Element* Element value: *Element value*	The number of characters specified for the SMTP host value exceeds the maximum. **(S)** Skips processing of the service ID for which an error was detected, and then processes the next service ID. **(O)** Specify a character string of up to 100 characters for the SMTP host value.
KAVJK0633-E	The parameter file contains an invalid statement. Line: *Line* Element: *Element* Element value: *Element value*	The value specified for the email sender contains a multi-byte character. **(S)** Skips processing of the service ID for which an error was detected, and then processes the next service ID. **(O)** Enter only single-byte characters, and then retry.
KAVJK0634-E	The parameter file contains an invalid statement. Line: *Line* Element: *Element* Element value: *Element value*	The number of characters specified for the email sender value exceeds the maximum. **(S)** Skips processing of the service ID for which an error was detected, and then processes the next service ID. **(O)** Specify a character string of up to 100 characters for the Email sender value.
KAVJK0635-E	The parameter file contains an invalid statement. Line: *Line* Element: *Element* Element value: *Element value*	The number of characters specified for the email title value exceeds the maximum. **(S)** Skips processing of the service ID for which an error was detected, and then processes the next service ID. **(O)** Specify a character string of up to 100 characters for the Email title value.
KAVJK0636-E	An attempt to connect to the Trap Generator failed. Service ID: *Service ID*	The specified service ID is invalid, or the service has stopped. **(S)** Aborts command processing. **(O)** Specify a valid service ID, make sure that the service is running, and then retry.

Message ID	Message	Corrective Action
KAVJK0637-E	The parameter file contains an invalid statement. Element: *Element* Attribute name: *Attribute name* Attribute value: *Attribute value*	The value specified for SNMP host contains a multi-byte character. **(S)** Skips processing of the SNMP host for which an error was detected, and then processes the next SNMP host. **(O)** Specify only single-byte characters, and then retry.
KAVJK0638-E	The parameter file contains an invalid statement. Element: *Element* Attribute name: *Attribute name* Attribute value: *Attribute value*	The number of characters that can be specified for the SNMP host value exceeds the maximum. **(S)** Skips processing of the SNMP host for which an error was detected, and then processes the next SNMP host. **(O)** Specify a character string of up to 75 characters for the SNMP host value.
KAVJK0639-E	The parameter file contains an invalid statement. Element: *Element* Attribute name: *Attribute name* Attribute value: *Attribute value*	An attempt to resolve the SNMP host name failed. **(S)** Skips processing of the SNMP host for which an error was detected, and then processes the next SNMP host. **(O)** Specify a valid SNMP host name, and then retry.
KAVJK0640-E	The parameter file contains an invalid statement. Line: *Line* Element: *Element* Element value: *Element value*	The SNMP retry count is outside the valid range. **(S)** Skips processing of the SNMP host for which an error was detected, and then processes the next SNMP host. **(O)** Specify a value from 1 to 32,767.
KAVJK0641-E	The parameter file contains an invalid statement. Line: *Line* Element: *Element* Element value: *Element value*	The SNMP retry interval is outside the valid range. **(S)** Skips processing of the SNMP host for which an error was detected, and then processes the next SNMP host. **(O)** Specify a value from 1 to 32,767.

Message ID	Message	Corrective Action
KAVJK0642-E	The parameter file contains an invalid statement. Line: *Line* Element: *Element* Element value: *Element value*	The SNMP trap port is outside the valid range. **(S)** Skips processing of the SNMP host for which an error was detected, and then processes the next SNMP host. **(O)** Specify a value from 1 to 32,767.
KAVJK0643-E	The parameter file contains an invalid statement. Line: *Line* Element: *Element* Element value: *Element value*	The specified SNMP trap setting is invalid. **(S)** Skips processing of the SNMP host for which an error was detected, and then processes the next SNMP host. **(O)** Specify one of the following as the SNMP trap setting. Both uppercase and lowercase can be used for the character string: Yes No
KAVJK0644-E	The specified SNMP host name was not found.\n SNMP host name: *SNMP host name*	The specified SNMP host name cannot be obtained because the SNMP host has been deleted, or its status is invalid. **(S)** Skips processing of the SNMP host for which an error was detected, and then processes the next SNMP host. **(O)** Make sure that the SNMP host name exists.
KAVJK0645-E	An invalid service ID was specified. Service ID: *Service ID*	Specify a valid service ID, and then retry. **(S)** Aborts command processing. **(O)** Specify a valid service ID, and then retry.
KAVJK0646-E	An attempt to connect to the Action Handler failed. Service ID: *Service ID*	The specified service ID is invalid, or the service has stopped. **(S)** Aborts command processing. **(O)** Specify a valid service ID, make sure that the service is running, and then retry.
KAVJK0648-E	The parameter file contains an invalid statement. Line: *Line* Element: *Element* Element value: *Element value*	The format for the SNMP retry count is invalid. **(S)** Skips processing of the SNMP host for which an error was detected, and then processes the next SNMP host. **(O)** Specify an integer.

Message ID	Message	Corrective Action
KAVJK0649-E	The parameter file contains an invalid statement. Line: *Line* Element: *Element* Element value: *Element value*	The format for the SNMP retry interval is invalid. **(S)** Skips processing of the SNMP host for which an error was detected, and then processes the next SNMP host. **(O)** Specify an integer.
KAVJK0650-E	The parameter file contains an invalid statement. Line: *Line* Element: *Element* Element value: *Element value*	The format of the SNMP trap port is invalid. **(S)** Skips processing of the SNMP host for which an error was detected, and then processes the next SNMP host. **(O)** Specify an integer.
KAVJK0651-E	The parameter file contains an invalid statement. Line: *Line* Element name: *Element name* Attribute name: *Attribute name* Attribute value: *Attribute value*	The service ID of the specified parameter file is too short, or is not used by the Trap Generator. **(S)** Aborts command processing. **(O)** Specify a valid service ID, and then retry.
KAVJK0652-E	An attempt to connect to the Trap Generator failed. Line: *Line* Element name: *Element name* Attribute name: *Attribute name* Attribute value: *Attribute value*	The service ID of the specified parameter file is invalid, or it is not used by the Trap Generator. Alternatively, the service has stopped. **(S)** Aborts command processing. **(O)** Specify a valid service ID, make sure that the service is running, and then retry.
KAVJK0653-E	An invalid service ID was specified. Service ID: *Service ID*	The specified service ID is too short, it is invalid, or it is not used by the Trap Generator. **(S)** Aborts command processing. **(O)** Specify a valid service ID, and then retry.
KAVJK0654-E	Processing to delete the SNMP host was stopped because the user canceled it. SNMP host name: *SNMP host name*	Deleting the SNMP host was stopped because, in the confirmation, the user canceled the delete. **(S)** Skips processing of the SNMP host for which an error was detected, and then processes the next SNMP host. **(O)** None.

Message ID	Message	Corrective Action
KAVJK2711-E	An attempt to acquire data from the Agent has failed. The report cannot be output.	Possible causes are as follows: - The Manager stopped. - The response from the Agent is taking too long. **(S)** Cancels command processing. **(O)** Make sure that the Manager is running, and then retry the command. Make sure that the Agent is running normally, and then retry the command.
KAVJK2715-E	The parameter file contains an invalid statement. Line: *line-number* Element: *element-name*	You cannot use *element-name* for the specified DTD version. **(S)** For `jpcaspsv update`: Skips the processing for the specified Agent, and then processes the next Agent in the parameter file. **(O)** Specify a valid attribute value for the DTD version in the parameter file.
KAVJK4001-E	*command-line*: An internal inconsistency was detected. Maintenance information: *maintenance-information*.	An internal inconsistency was detected in the command process. **(S)** Terminates command executing. **(O)** Contact the system administrator.
KAVJK5001-I	The specified report definition is read-only. This item is skipped. Line: *line-number*	The specified report definition is read-only. **(S)** Skips the processing of the specified report definition, and then processes the next report definition in the parameter file.
KAVJK8001-Q	Do you really want to delete the report definition "*folder-path/report-name*"? [y/n]	Make sure that the report definition is to be deleted. **(S)** Waits for a reply. For confirmation, execute the deleting process, and enter `y` or `Y`. For all other entries, abort the process of the report definition specified, and process the next report definition in the parameter file. **(O)** To delete the report definition, enter `y` or `Y`. Not to delete, enter another keys.

Message ID	Message	Corrective Action
KAVJK8002-Q	Do you want to delete the folder "*folder-path*" including all subfolders and report-definitions? [y/n]	Make sure that the report definition is to be deleted. **(S)** Waits for a reply. For confirmation, enter y or Y to execute the deleting process. For all other entries, abort the process of the report definition specified, and process the next report definition in the parameter file. **(O)** To delete the folder or report definition, enter y or Y. Not to delete, enter another keys.
KAVJK8003-Q	Are you sure you want to overwrite the "*file-path*" file ? [y/n]	A file with the same name already exists in the output destination. **(S)** Waits for a reply. If y or Y is entered, the existing file is overwritten. If a character other than y or Y is entered, the file output processing stops. **(O)** To overwrite the existing file, enter y or Y. Otherwise, enter a character other than y or Y.
KAVJK8004-Q	Do you really want to delete the SNMP host name "{0}"?[y/n]	Make sure that the SNMP host is to be deleted. **(S)** Waits for a reply. If you enter y or Y as confirmation, the SNMP host name will be deleted. If you enter anything else, the processing for the specified SNMP host name will be aborted, and the next SNMP host name in the parameter file will be processed. **(O)** To delete the SNMP host name, enter y or Y. To not delete it, press any other key.
KAVJL5001-I	The login service will now be started.	The login service will now be started. **(S)** Starts the login function processing.
KAVJS0001-E	The condition cache expired. Condition ID: *condition-id*	The condition cache expired. **(S)** Aborts processing. **(O)** Re-execute the report from the Main window.

Message ID	Message	Corrective Action
KAVJS0002-E	The specified report definition was not found. Report ID: *report-id*	The specified report definition has been removed or is in an abnormal state. **(S)** Aborts processing. **(O)** Confirm that the report definition exists.
KAVJS0004-E	The drilldown target report definition was not found. Report ID: *report-id* Field Name: *field-name*	The drilldown target report definition has been removed. **(S)** Aborts processing. **(O)** Specify an existing report definition as the drilldown target.
KAVJS0005-E	The specified drilldown definition was not found in the report definition of the drilldown source. Report ID: *report-id* Field Name: *field-name*	The specified drilldown definition does not exist. The drilldown definition may have been removed. **(S)** Aborts processing. **(O)** Check the report definition.
KAVJS0006-E	The entered value *field-name* is outside the valid range.	The entered field name is outside the valid range. **(S)** Aborts processing. **(O)** Revise the value *field-name*.
KAVJS0007-E	The format of the value entered for *field-name* is invalid.	The format of the value entered for *field-name* is invalid. **(S)** Aborts processing. **(O)** Revise the value *field-name*.
KAVJS0008-E	The end time is earlier than the start time.	The end time is earlier than the start time. **(S)** Aborts processing. **(O)** Specify an end time later than the start time.

Message ID	Message	Corrective Action
KAVJS0009-E	The specified character set *character-set* is not supported.	The character set *character-set* specified in the configuration file is not supported. **(S)** Aborts processing. **(O)** Change the character set to any of the following supported sets: `US-ASCII`, `windows-1252`, `ISO-8859-1`, `UTF-8`, `UTF-16`, `UTF-16BE`, `UTF-16LE`, `Shift_JIS`, `EUC-JP`, `EUC-JP-LINUX`, or `MS932`.
KAVJS0010-E	Memory has become insufficient.	A server memory shortage occurred. **(S)** Aborts processing. **(O)** Stop unnecessary applications and close unused windows to increase available memory.
KAVJS0011-E	The session timed out.	No operation was conducted during the session life time. **(S)** Aborts processing. **(O)** Close the browser, and then retry execution.
KAVJS0012-E	An attempt to communicate with the Manager failed. Maintenance information: *error-detailed-information*	An attempt to communicate with Manager failed. **(S)** Aborts processing. **(O)** Contact the system administrator.
KAVJS0013-E	The value of Maximum number of records is outside the valid range.	The value of Maximum number of records is outside the valid range. **(S)** Aborts processing. **(O)** Specify a value from 1 to *maximum-value*.
KAVJS0014-E	The format of the value for the Maximum number of records is invalid.	The format of the value for the Maximum number of records is invalid. **(S)** Aborts processing. **(O)** Specify an integer value greater than zero.

Message ID	Message	Corrective Action
KAVJS0015-E	The report definition specified has been changed. Report ID: *report-id*	The report definition specified has been changed. **(S)** Aborts processing. **(O)** Redisplay the report from the Main window.
KAVJS0016-E	The *filter-number*th filter expression is outside the valid range.	The *filter-number*th filter expression is outside the valid range. **(S)** Aborts processing. **(O)** Modify the value specified as the filter.
KAVJS0017-E	The *filter-number*th value entered as the filter is invalid.	The *filter-number*th value entered as the filter is invalid. **(S)** Aborts processing. **(O)** Modify the value specified as the filter.
KAVJS0018-E	The conditional expression of the field drilldown does not match the record of the referenced report. Report name: *report-name* Field name: *field-name*	The conditional expression of the field drilldown does not match the record of the referenced report. **(S)** Aborts processing. **(O)** Modify the conditional expression of the field drilldown for this report definition according to the manual.
KAVJS0019-E	The field specified in the conditional expression of the field drilldown is not selected with for <field> element. Report name: *report-name* Field name: *field-name*	The field specified in the conditional expression of the field drilldown is not selected with the report definition. **(S)** Aborts processing. **(O)** Modify the report definition to specify the drilldown according to the manual.
KAVJS0020-E	An invalid token was detected during Link&Launch.	An invalid token was detected during Link&Launch. **(S)** Aborts processing. **(O)** Contact the system administrator.

Message ID	Message	Corrective Action
KAVJS0021-E	The received token has expired.	This problem occurs when PR pages are accessed using a bookmark or other invalid context. **(S)** Aborts processing. **(O)** Re-execute the Link&Launch.
KAVJS0022-E	During execution of Link&Launch, an attempt to connect to the Manager failed due to an RMI error. Module name: Link&Launch Maintenance information: *maintenance-information*	Manager is not running, or the host to connect is invalid. **(S)** Aborts processing. **(O)** Contact the system administrator.
KAVJS0023-E	During execution of Link&Launch, an attempt to connect to the Manager failed. Module name: Link&Launch Maintenance information: *maintenance-information*	Manager is not running, or the host to connect is invalid. **(S)** Aborts processing. **(O)** Contact the system administrator.
KAVJS0025-E	Operation was conducted to a window created by the session that is already logged out.	The operation was conducted from a window displayed during a session that was already logged out. **(S)** Aborts processing. **(O)** Close the window, and then open a new window.
KAVJS0026-E	The graph data contains an unsupported value.	The graph display field contains NaN, Infinity or another invalid number that may not be supported by the specified agent. **(S)** Aborts processing. **(O)** Cancel the setting of the graph display field, and then redisplay the report.
KAVJS0031-E	The maximum character length for a report name is 64 characters.	The report name has more than 65 characters. **(S)** Prompts to re-enter the report name. Returns to the report renaming window. **(O)** Use a report name with less than 64 characters.

Message ID	Message	Corrective Action
KAVJS0032-E	The maximum character length for a folder name is 64 characters.	The folder name has more than 65 characters. **(S)** Prompts to re-enter the folder name. Returns to the folder renaming window. **(O)** Use a folder name with less than 64 characters.
KAVJS0033-E	The specified report name already exists. Specify another name.	The specified folder name already exists in the report name. **(S)** Prompts to re-enter the report name. Returns to the report renaming window. **(O)** Specify a report name differing from the existing report name in the same directory.
KAVJS0034-E	The specified folder name already exists. Specify another name.	The specified folder name already exists in the same directory. **(S)** Prompts to re-enter the folder name. Returns to the folder renaming window. **(O)** Specify a folder name differing from the existing folder name in the same directory.
KAVJS0035-E	The specified folder was not found. Folder ID: *folder-id*	The specified folder cannot be obtained because the folder has been deleted, or its status is invalid. **(S)** Aborts processing. **(O)** Make sure that the folder exists.
KAVJS0036-E	Wizard transition is invalid. (Maintenance Information: *maintenance-information*)	An inconsistency error occurred in a wizard context ID. **(S)** Aborts processing. **(O)** Retry the wizard.
KAVJS0037-E	Wizard transition is invalid. (Maintenance Information: *maintenance-information*)	An inconsistency error occurred in a wizard context page ID. **(S)** Aborts processing. **(O)** Retry the wizard.

Message ID	Message	Corrective Action
KAVJS0038-E	Transaction transition is invalid. (Maintenance Information: *maintenance-information*)	An inconsistency error occurred in a transaction ID. **(S)** Aborts processing. **(O)** Retry the transaction.
KAVJS0039-E	The specified initial value is out of range.	The specified initial value is out of range. **(S)** Aborts processing. **(O)** Specify a value from the minimum to 3,600.
KAVJS0040-E	The specified format of the initial value is invalid.	The specified format of the initial value is invalid. **(S)** Aborts processing. **(O)** Specify positive integers.
KAVJS0041-E	The specified minimum value is out of range.	The specified minimum value is out of range. **(S)** Aborts processing. **(O)** Specify a value from 10 to 3,600.
KAVJS0042-E	The specified format of the minimum value is invalid.	The specified format of the minimum value is invalid. **(S)** Aborts processing. **(O)** Specify positive integers.
KAVJS0043-E	The specified display number value is out of range.	The specified display number value is out of range. **(S)** Aborts processing. **(O)** Specify a value from 1 to 100.
KAVJS0044-E	The specified display number format is invalid.	The specified display number format is invalid. **(S)** Aborts processing. **(O)** Specify positive integers.

Message ID	Message	Corrective Action
KAVJS0045-E	Specify a maximum of 40 characters for the x-axis label.	The specified x-axis label is 41 or more characters (one-byte or two-byte characters). **(S)** Aborts processing. **(O)** Specify a maximum of 40 characters (one-byte or two-byte characters) for the x-axis label, and then retry.
KAVJS0046-E	Specify a maximum of 40 characters for the y-axis label.	The specified y-axis label is 41 or more characters (one-byte or two-byte characters). **(S)** Aborts processing. **(O)** Specify a maximum of 40 characters (one-byte or two-byte characters) for the y-axis label, and then retry.
KAVJS0047-E	Specify a maximum of 24 characters for the display name.	The specified display name is 25 or more characters (one-byte or two-byte characters). **(S)** Aborts processing. **(O)** Use a maximum of 24 characters (one-byte or two-byte characters) to specify the display name, and then retry.
KAVJS0048-E	The value entered for the filter is invalid.	The value entered for the filter is invalid. **(S)** Aborts processing. **(O)** Change the value specified for the filter.
KAVJS0049-E	Data label 1 is not specified.	Data label 2 was specified without specifying data label 1. **(S)** Aborts processing. **(O)** If you specify data label 2, also specify data label 1.
KAVJS0050-E	The report cannot be copied.	The data cannot be obtained because the specified folder has been deleted or the folder status is invalid. **(S)** Aborts processing. **(O)** Refresh the folder selection window, and then reselect the folder.

Message ID	Message	Corrective Action
KAVJS0051-E	The report cannot be copied.	A folder that has the same name as the copy-destination folder already exists. **(S)** Aborts processing. **(O)** Rename the folder or select another copy-destination folder.
KAVJS0052-E	The report cannot be copied.	A report that has the same name already exists in the copy-destination folder. **(S)** Aborts processing. **(O)** Rename the report or select another copy-destination folder.
KAVJS0053-E	Specify a maximum of 64 characters for a bookmark name.	The bookmark name has 65 or more characters. **(S)** Prompts you to re-enter the bookmark name. **(O)** Specify a maximum of 64 characters for the bookmark name.
KAVJS0054-E	The specified bookmark was not found. Bookmark ID: *bookmark-id*	The data cannot be obtained because the specified bookmark has been deleted or the bookmark status is invalid. **(S)** Aborts processing. **(O)** Make sure that the bookmark exists.
KAVJS0055-E	The specified registered report does not exist. Registered report ID: *report-id*	The specified registered report has been deleted, or cannot be acquired because its status is invalid. **(S)** Aborts processing. **(O)** Make sure that the registered report exists.
KAVJS0056-E	The specified bookmark name already exists. Specify another name.	The specified bookmark name already exists in the same directory. **(S)** Prompts you to re-enter the bookmark name. **(O)** Specify a bookmark name that is different from other bookmark names in the same directory.

Message ID	Message	Corrective Action
KAVJS0057-E	The report cannot be displayed.	The agent that was bound during bookmark registration was not found. This agent may not exist. **(S)** Aborts processing. **(O)** Make sure that the agent bound during bookmark registration has not been deleted.
KAVJS0058-E	The specified update interval value is outside the valid range.	The specified update interval value is outside the valid range. **(S)** Aborts processing. **(O)** Specify a value from *minimum-value* to 3,600.
KAVJS0059-E	The format of the specified update interval value is invalid.	The format of the specified update interval value is invalid. **(S)** Aborts processing. **(O)** Specify positive integers.
KAVJS0060-E	The selected report definition has been deleted. Report ID: *report-id*	The report definition has been deleted. **(S)** Aborts processing. **(O)** Refresh the report tree and then select report.
KAVJS0061-E	The filter expression cannot be edited.	A report definition at the field drilldown destination has been deleted. Report ID: *report-id* **(S)** Aborts processing. **(O)** Bind any existing report definitions.
KAVJS0062-E	The filter expression cannot be edited.	A report definition at the field drilldown destination was changed while the filter expression was being edited. Report ID: *report-id* **(S)** Aborts processing. **(O)** Bind the report again, or change the report definition at the drilldown destination.

Message ID	Message	Corrective Action
KAVJS0063-E	The filter expression editing has been canceled.	The record at the field drilldown destination was changed while the filter expression was being edited. Report ID: *report-id* **(S)** Aborts processing. **(O)** Bind the report again, or change the report definition at the drilldown destination.
KAVJS0064-E	The filter expression editing has been canceled.	A report definition at the field drilldown destination was changed while the filter expression was being edited. Report ID: *report-id* **(S)** Aborts processing. **(O)** Bind any existing report definitions.
KAVJS0065-E	An invalid URL has been specified.	This problem occurs when PR pages are accessed using a bookmark or other invalid context. **(S)** Aborts processing. **(O)** Access by specifying the correct URL.
KAVJS0066-E	A nonexistent agent ID has been specified. Agent ID: *agent-id*	A nonexistent agent ID was specified for Link&Launch functionality. **(S)** Aborts processing. **(O)** Restart the service.
KAVJS0067-E	A drilldown report cannot be displayed. Maintenance information: *maintenance-information*	An attempt to display a drilldown report failed because the line data selected for the field drilldown exceeded the maximum number of items that could be handled, and data was deleted. **(S)** Aborts processing.
KAVJS2830-E	An attempt to acquire data from the Agent has failed. The report cannot be displayed.	Possible causes are as follows: - The Manager stopped. - The response from the Agent is taking too long. **(S)** Cancels processing. **(O)** Make sure that the Manager is running, and then try to display the report again. Make sure that the Agent is running normally, and then try to display the report again.

Message ID	Message	Corrective Action
KAVJS2831-E	An attempt to acquire data from the Agent has failed. The report cannot be output.	Possible causes are as follows: - The Manager stopped. - The response from the Agent is taking too long. **(S)** Cancels processing. **(O)** Make sure that the Manager is running, and then try to output the report again. Make sure that the Agent is running normally, and then try to output the report again.
KAVJS3001-E	The report cannot be displayed because there is too much report data for the Manager to process.	There is too much performance data to be processed for a historical report. **(S)** Cancels processing. **(O)** Reduce the amount of data to be displayed in the report (for example, specify a report display period, the maximum number of records, or filter conditions), or reduce the number of selected fields.
KAVJS4001-E	A request parameter is invalid. Parameter name: *parameter-name*	An invalid request was received from the window. **(S)** Aborts processing. **(O)** Contact the system administrator.
KAVJS4002-E	The product ID is not specified for the report definition. Report name: *report-name*	An attempt was made to open a report definition without a specification of the product id. **(S)** Aborts processing. **(O)** Check the report definition.
KAVJS4003-E	The record ID is not specified for the report definition. Report name: *report-name*.	An attempt was made to open a report definition without a specification of the record id. **(S)** Aborts processing. **(O)** Check the report definition.
KAVJS4004-E	The record does not have a field. Record: *record-name* Report definition: *report-name*	An attempt was made to access a report definition with a record that does not have a field. **(S)** Aborts processing. **(O)** Check the report definition.

Message ID	Message	Corrective Action
KAVJS4007-E	An unexpected error occurred. Maintenance information: *maintenance-information*	An unexpected error occurred. **(S)** Aborts processing. **(O)** Contact the system administrator.
KAVJS4008-E	An internal inconsistency was detected. Maintenance information: *maintenance-information*	An internal inconsistency was detected. **(S)** Aborts processing. **(O)** Contact the system administrator.
KAVJS4009-E	A Manager access error occurred. Maintenance information: *maintenance-information*	A Manager access error occurred. **(S)** Aborts processing. **(O)** Contact the system administrator.
KAVJS4010-E	The field drilldown failed. Row ID: *row-id*	The row ID of the field drilldown target is too long. The URL was not fully specified. **(S)** Aborts processing. **(O)** Contact the system administrator.
KAVJS4011-E	Initialization of the bookmark function has failed. Maintenance information: *maintenance-information*	Initialization of the bookmark function has failed. **(S)** Stops processing. **(O)** Contact the system administrator.
KAVJS4012-E	The automatic update processing of the real-time report has stopped.	Processing did not complete within the monitoring period because multiple processing requests occurred. **(S)** Terminates processing. **(O)** When other reports are not being displayed or updated, display the report again. Close any unnecessary reports and display the report again. See the items for the initialization settings file (`config.xml`) and the data cache in Help, and then increase the `realtimeCacheInterval` value.

Message ID	Message	Corrective Action
KAVJS5001-I	No record was fetched. The report cannot be displayed.	Probable causes: - The Agent was not running during the report period. - A requested record was not collected during the report period. - No collected data meets the filtering condition. **(S)** Aborts processing. **(O)** Make sure that: - The Agent is running. - The Agent is set up to collect the required records. - Modify the report filtering condition if necessary.
KAVJS5002-I	There is no record. A report cannot be displayed.	One of the following is the most likely cause: - The Agent is not running. - There is no data that satisfies the filter conditions for a report definition. **(S)** Aborts processing. **(O)** Make sure that the agent is running. If the agent is not running, restart the agent correctly, and then re-execute or refresh the report. If the data is currently being updated automatically, a report will be displayed when the data is obtained at the next update. Review the filter conditions of the report definition.
KAVJT0001-E	The user does not have administrator permission.	The user does not have administrator permission. **(S)** Stops execution of the command. End code 2 is returned. **(O)** Execute with the user with root user permission for Solaris, Administrators permission for Windows.
KAVJT0005-E	An argument is invalid. usage: jpcprras <directory> <directory>: Specify the existing output directory.	An argument is invalid. **(S)** Stops execution of the command. End code 1 is returned. **(O)** Check the argument.

Message ID	Message	Corrective Action
KAVJT0006-E	Output directory does not exist.	Output directory does not exist. **(S)** Stops execution of the command. End code 4 is returned. **(O)** Confirm if the directory specified in the argument of the `jpcprras` command exists.
KAVJT0007-E	An error occurred during writing.	An error occurred during writing. **(S)** Stops execution of the command. End code 3 is returned. **(O)** Make sure that there is sufficient free space in the drive where the directory specified as the `jpcprras` command parameter exists. Check the access permissions for the directory specified as the `jpcprras` command parameter.
KAVJT0008-E	The setup directory does not exist.	The setup directory does not exist. **(S)** Stops execution of the command. End code 1 is returned. **(O)** Confirm if the environment variable PR_HOME defines, or if the setup directory in the installation directory of Performance Reporter exists.
KAVJT0009-E	An error occurred during processing *archive-file-name*.	An error occurred during processing *archive-file-name*. **(S)** The processing of the next Agent archive file has begun. End code 3 is returned. **(O)** Remove the cause, and then retry.
KAVJT0010-E	The destination directory does not exist.	The destination directory does not exist. **(S)** Stops execution of the command. End code 4 is returned. **(O)** Make sure that the images/products directory, where the war file is to be decompressed, exists.

Message ID	Message	Corrective Action
KAVJT0011-E	The output-destination directory is not empty.	The output-destination directory is not empty. **(S)** Stops execution of the command. End code 5 is returned. **(O)** Specify an empty output-destination directory.
KAVJT0014-E	The file for processing does not exist.	The file for processing does not exist. **(S)** Stops execution of the command. End code 5 is returned. **(O)** Confirm if the file for processing exists.
KAVJT0015-E	An argument is invalid. usage: jpcpragtsetup	An argument is invalid. **(S)** Stops execution of the command. End code 6 is returned. **(O)** Check the argument.
KAVJT0016-E	The descriptions directory does not exist.	The descriptions directory does not exist. **(S)** Stops execution of the command. End code 1 is returned. **(O)** Make sure that the environment variable PR_HOME is defined, and the descriptions directory exists in the Performance Reporter installation directory.
KAVJT0017-E	Memory has become insufficient. (*empty-memory-size* bytes)	During the execution of the command, a memory has become insufficient. **(S)** Stops execution of the command. End code 7 is returned. **(O)** Stop unnecessary applications and close unused windows to increase available memory.
KAVJT0018-E	An unexpected error occurred. Maintenance information: *maintenance-information*	An unexpected error has occurred. **(S)** Stops execution of the command. End code 8 is returned. **(O)** Contact the system administrator.

Message ID	Message	Corrective Action
KAVJT0019-E	The pregetinfo.exe file was not found.	The pregetinfo.exe file was not found. **(S)** Stops execution of the command. End code 9 is returned. **(O)** Make sure that the `pregetinfo.exe` file is in the lib directory of the installation directory.
KAVJT5005-I	jpcprras started.	`jpcprras` command started. **(S)** Start the process of `jpcprras`.
KAVJT5006-I	jpcprras succeeded.	`jpcprras` command succeeded. **(S)** End code 0 is returned.
KAVJT5007-I	jpcpragtsetup finished successfully. Restart the service that applies the agent configuration information.	`jpcpragtsetup` finished successfully. Restart the service that applies the agent configuration information. **(S)** End code 0 or 3 is returned.
KAVJT5008-I	*archive-file-name* was processed.	*archive-file-name* was processed. **(S)** The processing of the next Agent archive file has begun.
KAVJV4001-E	During the initialization, an unexpected error occurred. Module name: VSA Class name: *class-name* Maintenance information: *maintenance-information*	During the initialization, an unexpected error occurred. **(O)** Contact the system administrator.
KAVJV4002-E	During the initialization, an unexpected error occurred. Module name: VSABASE Class name: *class-name* Maintenance information: *maintenance-information*	During the initialization, an unexpected error occurred. **(O)** Contact the system administrator.
KAVJV4003-E	During initialization of the bookmark manager, an unexpected error occurred. Module name: BOOKMARK Class name: *class-name* Maintenance information: *maintenance-information*	During initialization of the system, an unexpected error occurred. **(O)** Contact the system administrator.
KAVJV4004-E	During initialization of the bookmark manager, an error occurred.	The bookmark work directory cannot be generated. Path name: *path-name* **(O)** Contact the system administrator.

Message ID	Message	Corrective Action
KAVJV4005-E	Initialization of the bookmark manager has failed.	The bookmark work directory is not a directory. Path name: *path-name* **(S)** Aborts processing. **(O)** Check whether the directory *pass-name* exists.
KAVJV4006-E	The value specified for <base-pattern> in the initial settings file is invalid. Format-set ID: *id*	An undefined format-set ID is specified in <format-set>. **(S)** Aborts processing. **(O)** Make sure that the value of <base-pattern> in the initial settings file is correct.
KAVJV4007-E	Resource generation has failed.	The tree could not be displayed because the attempt to collect tree information failed. **(S)** Aborts processing. **(O)** Contact the system administrator.
KAVJV4008-E	The specification of the date format is invalid. Attribute name: *attribute-name* Attribute value: *attribute-value*	The value of the date format specified in the initial settings file is invalid. **(S)** Aborts processing. **(O)** Check the date format specified in the initial settings file.
KAVJV4009-E	An attempt to initialize the system has failed.	The default directory for storing bookmark information could not be accessed. **(S)** Terminates startup. **(O)** Make the default directory for storing bookmark information accessible, and then restart the service. Change the location of the directory for storing bookmark information to an accessible location, and then restart the service.

Message ID	Message	Corrective Action
KAVJV4010-E	An unexpected error occurred while a corrupted data file was being restored. File path: *file-path* Maintenance information: *maintenance-information*	An unexpected error occurred while a corrupted data file was being restored. **(S)** Terminates bookmark restoration. **(O)** Check the access permissions for the file path. Check that the disk has sufficient free space. Delete the default directory for storing bookmark information, and then restart the service.
KAVJV4011-E	The directory for storing bookmark information could not be created. Directory for storing bookmark information: *directory-name*	Possible causes are as follows: The path length of the directory for storing bookmark information exceeded 150 characters. The directory for storing bookmark information could not be accessed. **(S)** Terminates startup. **(O)** Make the default directory for storing bookmark information accessible, and then restart the service. Specify the path length of the directory for storing bookmark information up to 150 characters, and then restart the service.
KAVJV5001-I	During the initialization an RMI error occurred. Module name: VSA Maintenance information: *maintenance-information*	Manager is not running, or the specified host to connect is invalid. **(O)** Contact the system administrator.
KAVJV5002-I	During the initialization, an attempt to establish a connection with Manager failed. Module name: VSA Maintenance information: *maintenance-information*	Manager is not running, or the specified host to connect is invalid. **(O)** Contact the system administrator.
KAVJV5003-I	During the initialization, an attempt to establish a connection with the Manager failed. Module name: VSA Maintenance information: *maintenance-information*	Manager is not running, or the specified host to connect is invalid. **(O)** Contact the system administrator.
KAVJV5004-I	The corrupted data file was deleted. Node name: *node-name* File path: *file-path*	The corrupted data file was deleted successfully.
KAVJV5005-I	The corrupted data file was restored. Node name: *node-name* File path: *file-path*	The corrupted data file was restored successfully.

Message ID	Message	Corrective Action
KAVJV5006-I	An invalid host name was specified for the Manager host in the initial settings file.	A connection could not be established with the Manager because an invalid host name was specified for the connection-target Manager host in the initial settings file. **(S)** Terminates startup. **(O)** Use the correct format to specify the host.
KAVJV9001-K	The data file was not read correctly. Node name: *node-name* File path: *file-path*	The data file is corrupted or does not exist. **(S)** Deletes or restores the data file if necessary, and cleans up the invalid information from the bookmark tree. The system continues to read node information.
KAVJV9002-K	The directory for storing bookmark information could not be accessed. Directory for storing bookmark information: *directory-name*	Possible causes are as follows: This was the first startup after changing the directory for storing bookmark information. The directory for storing bookmark information was deleted. The directory for storing bookmark information could not be accessed. **(S)** Creates the directory for storing bookmark information in the location specified in `config.xml`.
KAVJZ0998-E	An exception occurred in JSP.	An exception occurred in JSP. **(S)** Aborts processing. **(O)** Contact the system administrator.
KAVJZ0999-E	A specified host cannot be accessed.	An attempt to initialize the application failed. **(S)** Aborts processing. **(O)** Contact the system administrator.
KAVJZ1999-E	*character-string*	The syslog message that shows the specified character sequence.
KAVJZ5001-I	Login is finished. User ID: *user-id* PR session ID: *pr-session-id*	Login is finished. **(S)** Starts the process of login.
KAVJZ5002-I	Logout is finished. User ID: *user-id*	Logout is finished. **(S)** Start the process of logout.

Message ID	Message	Corrective Action
KAVJZ5003-I	The application has started successfully.	The application has started successfully. **(S)** Start the process of application.
KAVJZ5010-I	START: *class-name#method-name*	The start of Method is shown.
KAVJZ5011-I	END: *class-name#method-name*	The end of Method is shown.
KAVJZ5012-I	START: *class-name#method-name*	The start of the called application is shown.
KAVJZ5013-I	END: *class-name#method-name*	The end of the called application is shown.
KAVJZ5014-I	*variable-name*=[*variable-value*]	The log message that shows the variable value of the specified variable.
KAVJZ5015-I	*character-string*	The log message that shows the specified character string.
KAVJZ5999-I	Exception *stack-trace*	The log message that shows stack trace when an exception occurs.

Acronyms and Abbreviations

API	Application Programming Interface
ASCII	American Standard Code for Information Interchange
CLI	Command Line Interface
CPU	Central Processing Unit
CSV	Comma Separated Values
DBMS	DataBase Management System
DID	Device ID
DKC	Disk controller
DLL	Dynamic Linking Library
DNS	Domain Name System
DTD	Document Type Definition
EFCM	Enterprise Fabric Connectivity Manager
FS	File system
GUI	Graphical User Interface
GUID	Globally Unique Identifier
HTM	HiCommand Tuning Manager
HTML	HyperText Markup Language
HTTP	HyperText Transfer Protocol
I/O	Input/Output
ICMP	Internet Control Message Protocol
ID	Identifier, identification
IP	Internet Protocol
IPF	Itanium® Processor Family
LAN	Local Area Network
LDEV	Logical Device Unit
LU	Logical Unit
MB	Megabyte
NAS	Network Attached Storage
OCI	Oracle® call interface
ODM	Object Data Manager
OS	Operating System
RAID	Redundant array of inexpensive disks
SAN	Storage Area Network
SCSI	Small Computer System Interface

SLPR	Storage Logical Partition
SMTP	Simple Mail Transfer Protocol
SNMP	Simple Network Management Protocol
SQL	Structured Query Language
SSL	Secure Socket Layer
SSO	Single Sign On
TCP	Transmission control protocol
UDP	User Datagram Protocol
VxVM	VERITASTM Volume Manager
WWN	World Wide Name
XML	Extensible Markup Language