

EFOS 3.4.4

Build Version 3.4.4.6 Release Notes

Release Date: 28 August 2020

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1 Overview

EFOS 3.4.4.6 supports switching and routing for datacenter deployments.

2 Deliverables

Date of Delivery

EFOS release 3.4.4.6 delivered on 28 August 2020

Distribution Method

EFOS 3.4.4.6 distributed via the Broadcom [Box](#) site

Items included in delivery

Following are the items included in this delivery:

New Features in EFOS 3.4.4.6

- Two additional port license options
 - 8 SFP28 ports and 0 QSFP28 uplink ports
 - 0 SFP28 ports and 6 QSFP28 uplink ports
- Support to Avago transceiver AFBR-734SMZ

Defect Fixes in 3.4.4.6

- CSP case CS00010698133 - Interactive SSH return code is -1 (or 255) instead of 0

Summary: When using a script to run EFOS commands through the PKI feature, the command completion return codes were -1 instead of 0

Fix: Corrected command return codes to return 0 when command completion is successful

- CSP case CS00010922415 - Warning alert received

Summary: The following warning alert may be logged:

```
WARN Out of range file descriptor (-1). Socket not closed.
```

Fix: Corrected closing of file descriptor

- Internal issue – Buffered log fills up

Summary: The switch requests a DHCP address if an interface is enabled as a DHCP-client. If there is no DHCP-Server in the network, the DHCP-client keeps requesting an IP address and a message is logged to the buffered logs. This causes the buffered log to fill up. The message is helpful as a DEBUG message and not a customer actionable message.

Fix: Converted the message from a Warning to a Debug message

3 Items Not Included in Delivery

The following items are specifically not included in this delivery and may be considered for future deliveries:

- Nothing Applicable

4 Platform Support

This release contains support for the following platforms:

- Quanta BES-53248

5 Known Limitations

- No known limitations

6 Known Issues in EFOS 3.4.4.6

- EFOS passwords with a '!' character require "" if entered through the CLI.

The special character '!' has an additional meaning when present in the CLI command line. It signifies that a comment line has started.

If the ‘!’ character is chosen as a special character for a password when using the CLI username command, the password string must be surrounded with “” so that the remainder of the command will not be interpreted as a comment and ignored.

Ex:

```
(BES-Switch) (Config)#username admin password "New!Password" level 15
```

When the default password is changed on first login “” are not needed.

- Occasionally, reloading may not successfully apply the speed configuration for 25G speed **DAC** cables

When using 25G DACs in a SFP28 port, the speed must be set for that port. Occasionally the speed configuration for that port is not properly applied when the switch is reloaded. That port must have the speed command re-entered.

Example to re-set the speed to port 0/13:

```
(dhcp-10-27-23-47) #configure
(dhcp-10-27-23-47) (Config)#interface 0/13
(dhcp-10-27-23-47) (Interface 0/13)#speed auto
(dhcp-10-27-23-47) (Interface 0/13)#speed 25G full-
duplex
(dhcp-10-27-23-47) (Interface 0/13)#exit
(dhcp-10-27-23-47) (Config)#exit
```

This issue will be fixed in the next EFOS release