

About This Document

Introduction to the Document

This document describes access devices' support for the features and the feature implementation modes. This document serves as the reference to network design, network entry tests, and network maintenance.

This document describes a feature from multiple dimensions and helps you learn the following information.

If You Want to Know	See
• What issues does the feature resolve? • What are the feature benefits?	Introduction
According to which protocols or standards the feature is implemented?	Reference Standards and Protocols
• What functions does the feature provide? How are these functions implemented? • Are the feature implementation modes the same as those defined in the protocols? How to implement the scenarios that are not defined or determined in the protocols? • What are the differences between feature implementation modes in different networking modes?	Principles
What scenarios or networking modes does the feature apply to?	Application
How to configure the feature?	Configuration
• What are the maintenance means provided for the feature? • How to locate faults when the feature is abnormal?	Maintenance and Diagnosis
What are the differences between different releases of the feature?	Feature Updates

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 DANGER	Indicates a hazard with a high level of risk which, if not avoided, will result in death or serious injury.
 WARNING	Indicates a hazard with a medium level of risk which, if not avoided, could result in death or serious injury.
 CAUTION	Indicates a hazard with a low level of risk which, if not avoided, could result in minor or moderate injury.
 NOTICE	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance deterioration, or unanticipated results. NOTICE is used to address practices not related to personal injury.
 NOTE	Supplements the important information in the main text. NOTE is used to address information not related to personal injury, equipment damage, and environment deterioration.

Change History

Issue	Date	Description
11	2024-06-30	Issue with V100R024C00 and later versions.
10	2024-03-31	Issue with V100R023C10 and later versions.
09	2023-09-30	Issue with V100R023C00 and later versions.
08	2022-12-31	Issue with V100R022C10 and later versions. Added: Deep energy saving function of optical modules, which is supported by only V100R022C10SPH211.
07	2022-06-30	Issue with V100R022C00 and later versions.
06	2022-03-25	Issue with V100R021C10 and later versions. Added: Feature Specifications and Limitations
05	2021-07-15	Issue with V100R021C00 and later versions. Added: Access Network Slice

Issue	Date	Description
04	2021-03-12	Issue with V100R020C10 and later versions.
03	2020-05-30	Issue with V100R020C00 and later versions. This version and later versions do not support the feature of D-CCAP.
02	2019-09-30	Issue with V100R019C2X and later versions.
01	2019-04-30	This document does not differentiate between R versions starting from V100R019C1X and later versions. The version of this document starts from 01. Updates history of this document due to the updates of the product software, see the Feature Updates section of each chapter.