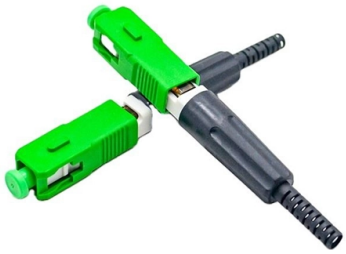
Configure Huawei switch fiber optic interface to turn



Overview

If the local combo optical interface is connected to a remote optical interface, configure the combo interface to work in fiber mode.

Key Takeaways

To enable a Huawei switch fiber optic interface, configure the interface to optical mode using the appropriate combo or port commands and ensure the remote interface matches the mode. Steps to Configure Fiber Optic Interface1.

Identify the Interface Type

Determine if the interface is a combo interface (supports both copper and fiber) or a dedicated fiber port. Use the command display interface brief to list interfaces and their current modes. 2.

Switch Combo Interface to Fiber Mode

Enter system view: CodeCopysystem-view Enter the interface view for the target port: CodeCopyinterface gigabitethernet 1/0/4 Enable fiber mode for a GE combo interface: CodeCopycombo enable fiber To revert to electrical mode: CodeCopyundo combo enable fiber For 10GE combo interfaces, use: CodeCopyport combination-mode 10GE interface interface-name and to revert: CodeCopyundo port combination-mode 10GE interface interface-name Ensure the remote device interface is configured in the same mode; otherwise, the interfaces will not communicate. 3.

© 2026 METRA FIBER MARKET - All rights reserved

Configure Interface Attributes

Set speed and duplex mode if required: CodeCopyspeed 1000duplex full For auto-negotiation, leave the interface in auto mode. If using a dedicated optical module, the interface may automatically detect the module and switch to fiber mode after a restart. 4.

Verify Configuration

Check the interface status: CodeCopydisplay interface gigabitethernet 1/0/4 Look for FORCE FIBER to confirm the interface is operating in optical mode. 5.

Save Configuration

Save the configuration to ensure it persists after a reboot: CodeCopysave 6.

Additional Considerations

If using high-bandwidth interfaces (e.g., 40GE), you may need to configure interface split to divide the port into multiple 10GE interfaces. After splitting, save and restart the switch for the configuration to take effect. Ensure the optical module type and wavelength match the remote device for proper communication.

By following these steps, the Huawei switch fiber optic interface will be correctly configured and operational.

Article Content

Example for Configuring a Combo Interface

If the local combo optical interface is connected to a remote optical interface, configure the combo interface to work in fiber mode. If the local combo interface is configured to work in a

Ethernet Interface Configuration Commands

You can configure the MultiGE interface on the Huawei switch to work in slave mode (the interface on the Cisco AP works in master mode). The two interfaces then can negotiate to work in the highest

How To Switch Optical/Electrical Mode On Huawei Router Combo Ports

Enter the interface view and run the following commands: • Switch to optical mode: combo enable fiber. • Restore default electrical mode: undo combo enable fiber. Enter system view,

Huawei Switch Configuration Guide | PDF | Internet Protocols

© 2026 METRA FIBER MARKET - All rights reserved

The document provides configuration instructions and commands for basic switch configuration using Huawei switches. It covers topics such as changing the hostname, configuring user accounts and

Huawei Switch Configuration Tutorial Basic

With hands-on experience in Huawei OLT and ONT configuration, U2000 NMS deployment, iMaster NCE-FAN Lite management systems, firmware upgrades, and advanced

Basic CLI Commands on Huawei Switch

This text is a guide detailing Basic Command Line Interface (CLI) Commands on Huawei brand switches. It provides step-by-step instructions for users to perform

Huawei S Series Quick Configuration

View and Download Huawei S Series quick configuration online. Campus Switches. S Series switch pdf manual download. Also for: S2750, S5700.

huawei switch cheat sheet · GitHub

Huawei Switch Discovery Tool: The Huawei Switch Discovery Tool is a free and open-source tool that can be used to discover Huawei network switches on a network.

How to configure the fiber optic port on a Huawei switch ...

To isolate both Layer 2 and Layer 3 packets on interfaces unidirectionally, run the port-isolate mode all command. Precautions An interface can be unidirectionally isolated from anoWhen you enable the

Full text of "NEW"

Full text of "NEW" See other formats Word . the, > < br to of and a : " in you that i it he is was for - with) on (? his as this ; be at but not have had from will are they -- ! all by if him one your or up her there

Troubleshooting S Series Switch Port and Interface Problems

Troubleshooting S Series Switch Port and Interface Problems This document describes how to check the switch interface or port status and how to locate an interface physically down fault and restore the

Enabling or Disabling an Interface

After modifying parameters of an interface, run the shutdown and undo shutdown commands, or run the restart command to make the modification take effect. If an interface is not connected to a cable or a

single-fiber enable

© 2026 METRA FIBER MARKET - All rights reserved

CX11x, CX31x, CX710 (Earlier Than V6.03), and CX91x Series Switch Modules V100R001C10 Command Reference 17 This document provides the configuration commands of each feature

CLI Overview Commands

Precautions If a configuration parameter uses the default value, this parameter is not displayed. Configurations for functions that do not take effect are not displayed. If you run the display this

Interface Configuration

Choose LAN > Interface Configuration. The Interface Panel page is displayed. Select the interfaces to configure on the Interface Panel page, as shown in Figure 4-19. Click the interface icon to select a

Aruba Instant On 1930 Installation and Getting Started Guide

To configure a password on the switch Web interface, click Setup Network > User Management and enter the Current Password. Define a New Password and reenter it in the Confirm New Password field.

Huawei switch configuration step by step

How to configure the Huawei Switch configurationLearn the configure Huawei switch from the Basic.Lets help to make 1000 subscribers □□ Huawei Switch config C...

Installing Optical Transceivers and Connecting Optical Fibers

Installing Optical Transceivers and Connecting Optical Fibers This section describes how to install optical transceivers on the SFP or SFP+ ports and connect them to the ports of the peer device using

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

© 2026 METRA FIBER MARKET - All rights reserved

Contact Us

Continue your research online:

Website: https://metramarket.es
Technical inquiry: https://metramarket.es/contact.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 METRA FIBER MARKET - All rights reserved