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How to disable the optical port on a Huawei switch



Overview

Enabling or Disabling an Interface If an interface is not connected to a cable or a fiber, disable the interface using the shutdown command to prevent exce.

Key Takeaways

You can disable an optical port on a Huawei switch by entering the interface view and using the shutdown command.

Steps to Disable an Optical Port
• Access the switch CLI: Connect to the switch via console, SSH, or Telnet.

• Enter system view: Use the command system-view to access configuration mode.

• Enter the interface view: Specify the optical port you want to disable. For example, for a 10G optical port:

interface XGigabitEthernet 0/0/2 Replace 0/0/2 with the actual port number on your switch .

• Disable the interface: Run the command:

shutdown This administratively disables the port without deleting its configuration .

• Verify the port status: Use the command:

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display interface XGigabitEthernet 0/0/2 If the output shows Administratively DOWN, the port is successfully disabled .
Additional Notes
• Undo shutdown: To re-enable the port, enter the interface view and run undo shutdown .

• Check optical module compatibility: Ensure the fiber type and optical module match the port specifications to avoid errors when re-enabling .

• Combo interfaces: Some Huawei switches have combo ports (optical and electrical). Disabling the optical port does not affect the electrical interface unless explicitly configured .

• Port isolation: If you want to prevent traffic without shutting down the port, you can use port isolation commands (am isolate) to restrict communication between interfaces .

By following these steps, you can safely disable an optical port on Huawei S-series switches while preserving the interface configuration for future use.

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Exercise caution when you use this command. After enabling PD compatibility check on a PoE switch, you need to manually disable

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How to Enable Ports in Huawei Switch? Could Open Ports Unlock

Configuring ports on a Huawei switch is a fundamental yet critical task for network administrators. Whether you''re

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

This article takes the Huawei AR5710S-S8T2X router as an example to explain how to switch the optical and

Configuring PoE Power-on and Power-off Management

The device then powers on PDs in the sequence in which the PDs are connected to it. Run quit Return to the system view. Run poe

Troubleshooting Interface Down Problems

If the training disable command is configured on two 40GE or 100GE optical interfaces that have 40GE copper cables connected and

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Configuring the Working Mode of a Combo Interface

This guide explains how to configure the working mode of a combo interface on Huawei devices, including switching between

What Is an All-Optical Ethernet Switch?

All-optical Ethernet switches are a type of switch that provides optical uplink and downlink ports, making them an ideal

How Can I Disable the Alarm Function for Optical Modules That Are

Run the transceiver non-certified-alarm disable command to disable the alarm function for optical modules that are

Optical Fiber

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Optical Fiber AOC An active optical cable (AOC) is a fixed-length optical fiber with optical modules at both ends. It can be directly

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This facilitates optical module management and maintenance. To avoid these alarms, disable the alarm function for optical modules

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