

How to force open the optical port of a Huawei switch



Article Overview

To enable an optical port on a Huawei switch, you must activate the port via CLI and ensure the optical module and fiber are compatible and functioning.

Step 1: Access the Switch CLI

Connect to the Huawei switch using a console cable or SSH. Enter system view mode to configure the device:

```
system-view
```

Step 2: Navigate to the Optical Port

Identify the port you want to enable (e.g., GigabitEthernet0/0/2) and enter interface configuration mode:

```
interface GigabitEthernet0/0/2
```

Step 3: Enable the Port

If the port is administratively down, activate it using:

```
undo shutdown
```

This command brings the port up and allows it to transmit and receive traffic

Article Content

shutdown port

name negotiation auto port poe enable port poe force-power port poe power-on delay port poe xldp-proxy port default vlan (remote

Troubleshooting for Optical Modules on Huawei Switch

When connecting switches through optical ports, pay attention to the following points: The optical modules used on both ends must

How Do I Check the Interface or Port Status?

Checking Service Interface Indicators to Determine the Interface Status Observe service interface indicators to quickly identify the

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

Troubleshooting for Optical Modules on Huawei Switch

Check whether the optical module is Huawei-certified. If it is not certified by Huawei, replace it with a Huawei certified one. Remove

Enabling or Disabling an Interface

To implement the modifications made to an interface's parameters, run the shutdown and undo shutdown commands, or run the

Replacing an Optical Module

Optical modules are electrostatic-sensitive components; therefore, you must take ESD protection measures when replacing optical

Typical Troubleshooting Cases of Optical Module

Check whether an optical module is a bogus one. An optical module delivered by Huawei is uniquely identified by an SN. If two or

Optical Module Installation and Replacement

Remove the dust plug from an optical port. Keep the dust plug for future use. Ensure that the optical module is correctly oriented and

Troubleshooting S Series Switch Port and Interface Problems

Introduction This document describes how to check the switch interface or port status and how to locate an interface physically down

Installing an Optical Module

A switch must use optical or copper modules that have been certified for use on Huawei S switches. Non-certified optical or copper

Access port config (Huawei)

How to set access port config on Huawei switch? An access port belongs to and carries the traffic of only one VLAN within 2-layer

Typical Troubleshooting Cases of Optical Module

Check whether the optical module is a Huawei-certified one. If not, replace it with a Huawei-certified optical module. If the optical

Enabling the PoE Function

This document describes the principles and configurations of the Device Management features, and provides configuration examples

Installing an Optical Module

Install an optical module on a port before connecting optical fibers to the transceiver module. Install dust plugs on idle optical ports. If

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

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

A Combo port, also known as an optical-electrical multiplexing port, consists of one optical port and one electrical port

Replacing an Optical Module

Replacing an Optical Module Context Never look directly into an optical module or the ends of optical fibers. Optical modules and

Contact Us

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