

How to enable optical ports on Huawei switches



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

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

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

Optical Module Solutions for Huawei S5700/S5720 Series Switches

When using switches, we may encounter many confusions, such as what types of optical modules are needed for

Installing an Optical Module

Install an optical module, and then connect optical fibers to the optical module. Do not insert an optical module with optical fibers to

Optical Module Troubleshooting

Optical Modules on the Local and Remote Devices Cannot Communicate Fault Description A switch is connected to a

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 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

Ethernet Interface Configuration Commands

This page provides configuration commands for Ethernet interfaces on Huawei devices, covering settings like duplex mode and auto

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

Checking the Optical Module Type

When certifying an optical module, Huawei switches comprehensively verify optical module functions to ensure the optical module

Installing an Optical Module

Do not touch the edge connector of an optical module during the installation. Install an optical module on a port before connecting

Troubleshooting S Series Switch Port and Interface Problems

If a non-Huawei certified optical module is installed, replace it with a Huawei-certified optical module. Non-Huawei certified optical

Huawei Switches Viewing Optical Port Receiving and Sending

Use the command display transceiver to view the optical module information of all optical ports, and use the command

Enabling or Disabling an Interface

This guide explains how to enable or disable an interface on Huawei devices, including principles, configurations, and examples for

Enabling 100G Ports: How to Activate the RUT License on Huawei

Learn how to activate a 100G RUT license on Huawei S6730-H switches step by step. This practical guide covers

Ethernet Interface Configuration Commands

Run port-isolate enable [group group-id] command to add interfaces to a port isolation group, you can implement Layer 2 isolation

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

Enabling or Disabling an Interface

Enabling or Disabling an Interface Context After modifying parameters of an interface, run the shutdown and undo shutdown

Displaying Optical Module Information

To determine whether optical modules delivered for Huawei switches before January 1, 2016 are certified ones, contact Huawei

Sx300 Series Switches Typical Configuration Examples (V200)

Configuration Roadmap Configure logical stack ports and add physical member ports to the corresponding logical

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

Example for Configuring a Combo Interface

You can use the electrical or optical interface according to networking requirements. The electrical and optical

Huawei Enterprise Support Community

We're sorry but web site doesn't work properly without JavaScript enabled. Please enable it to continue.

Optical Module Solutions for Huawei S5700/S5720 Series Switches

This article summarizes several solutions for using optical modules with switches and common problems encountered

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

How To View Optical Transceiver Information On Huawei Switches

Optical transceivers are widely applied in switches, network cards, routers and other communication devices.

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

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

Installing Optical Modules and Connecting Optical Fibers

Select optical fibers of appropriate modes, quantity, and lengths according to the optical module types, number of ports to be

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

This guide dives into the step-by-step process of port configuration on Huawei switches, while addressing the often

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

Port: Optical Ports on the AC Cannot Go Up

Use an optical fiber to perform a loopback test on the Huawei device. If the link goes Up, the Huawei device is working properly, and

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.watermanfinance.co.za>

Email: sales@watermanfinance.co.za

Phone: +49-176-8294713

Address: Neue Mainzer Str. 66-68, 60311 Frankfurt am Main, Germany

This document is for informational purposes only. Specifications subject to change without notice.

