

Viewing Huawei Switch Optical Ports



Article Overview

Use the display transceiver command to view detailed optical port information, including type, link status, and transmit/receive power.

Viewing Optical Module Information

To check the optical module on a Huawei switch, you can use the following commands:

- All ports: display transceiver – shows basic information for all optical ports, including transceiver type, connector type, wavelength, transfer distance, and vendor details .
- Specific port: display transceiver interface – displays information for a single optical port .
- Verbose output: Add the verbose parameter to view detailed diagnostic data such as temperature, voltage, bias current, and transmit/receive power . Example:

CodeCopydisplay interface 10ge 1/0/1 transceiver verbose

Checking Port Link Status and Traffic

- Use display interface to see port rate, link status (UP/DOWN), and traffic statistics .
- display interface brief provides a summary of all ports, including link status and basic traffic counters .

Diagnostic Commands

Article Content

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

Viewing Optical Module Information on Huawei Switches

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

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

Introduction of Optical Modules on Huawei Switches

When Huawei switches are connected to other products such as routers, comply with the preceding optical module interoperation

Displaying Optical Module Information

The system may fail to obtain information about non-Huawei-certified switch optical modules or obtain incorrect information. You are

Displaying Optical Module Information

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

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 to View Optical Module Parameters

If an optical module is installed in a running switch, you can run the display transceiver command to view parameters of the optical

Troubleshooting for Optical Modules on Huawei Switch

If the transmit power remains low, replace the optical module or install it in another optical port to check whether it is faulty. If the

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 Modules for Huawei S Series Switches

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

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

Ethernet Interface Configuration Commands

After you run a configuration command once in the port group view, the configuration takes effect on all the Ethernet interfaces in the

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