

How to send optical port information on a Huijue switch



Overview

How to use the optical port on a Huijue switch This article summarizes several solutions for using optical modules with switches and common problems encountered during usage, along with specific solutions.

Key Takeaways

To enable a Huijue switch optical port, install the optical module, connect the fiber, and activate the interface using system commands. Physical Installation of the Optical Module Remove the dust plug from the optical port and keep it for future use to prevent contamination. Orient the optical module correctly (gold fingers facing down or as specified) and gently insert it into the port until you hear a click.

Verify proper seating by gently pulling the module; if it does not come out, it is correctly installed. Connect the fiber by aligning the optical connector with the port and inserting it gently. To remove, press the clip and pull the fiber out.

Use optical attenuators if the transmit/receive power is too high to prevent module damage.

Enabling the Optical Interface

Enter system view on the switch via CLI. Access the interface view for the optical port you want to enable. Enable the interface using the undo shutdown command.

If the interface was previously disabled, this will activate it. Optionally, switch the interface to Layer 3 mode if required by your network configuration (supported on certain Huijue/Huawei series),. To verify the optical module status, use the command `display transceiver` to view parameters such as wavelength, transmission distance, and fiber type.

Best Practices

Always wear an antistatic strap when handling optical modules to prevent static damage. Keep dust plugs on unused modules to maintain cleanliness. Avoid forcing the module into the port; if it does not fit, rotate 180 degrees and try again.

Monitor the interface and module status regularly to detect any issues early. By following these steps, the optical port on a Huijue switch will be properly installed, connected, and enabled for network operation.

Article Content

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How to use the optical port on a Huijue switch This article summarizes several solutions for using optical modules with switches and common problems encountered during usage, along with specific solutions.

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 `display transceiver interface interface-type interface-number` to view the

Displaying Optical Module Information

Run the command `display transceiver diagnosis interface [ interface-type interface-number ]` to view diagnostic information about a specified optical module. This command displays the digital diagnostic

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Optical Module Solutions for Huawei S5700/S5720 Series Switches This article summarizes several solutions for using optical modules with switches and common problems encountered during usage,

Displaying Optical Module Information

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

How To View Optical Transceiver Information On Huawei Switches

Optical transceivers are widely applied in switches, network cards, routers and other communication devices. Checking transceiver parameters allows users to monitor real-time

Huawei Optical Switch View Optical Module Commands

Taking the Huawei 5700 series switches as an example, the commands to view optical module information are as follows: ... View the general, manufacturing, alarm, and diagnostic

Modifying the optical port speed of Huijue switch

Optical Module Solutions for Huawei S5700/S5720 Series Switches This article summarizes several solutions for using optical modules with switches and common problems encountered during usage,

How to configure a Huijue optical port aggregation switch

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Configuring Attributes for an Optical Interface

The indicator status of a split 40GE port is the same as that of the 10GE port to which the first split optical fiber is connected. It is recommended that you use the 10GE ports by starting from

How to Know Optical Power SFP-Detail Link-Details & Port ...

Hello friends,Welcome to Technical Hakim!In this tutorial, we will learn how to verify port type, speed, link status, port optical rx and tx optics power, sfp...

How To View Optical Transceiver Information On H3C Switches

We connect Moduletek QSFP-40G-LR4 transceiver to H3C S6820 switch, and demonstrate how to view port status and transceiver details on H3C devices.

How to use the optical port on a Huijue switch

To connect a fiber, align the optical connector with the optical port and gently insert the optical fiber into the port. A fiber adapter (also called a flange) is a fiber connection component. A switch must use

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 service interface status. The following uses the S6730-H48X6C as

OLT's Upper-Layer Network Is Faulty

Check fiber quality on the upper-layer network. Ping the network IP from the OLT. If packets are lost, perform the following operations: Check whether the optical fiber is securely connected to the PON

Checking Optical Attenuation on Huijue Optical Switches

The following uses the Moduletek SFP-10G-LR module connected to a Huawei S6700 switch as an example to introduce how to read information of the connected optical module on a Huawei switch. If

How Do I Query the Optical Power of an Interface?

How Do I Query the Optical Power of an Interface? You can run the display interface [interface-type interface-number | slot slot-id] transceiver verbose command to check the optical

How To View Port Status And Optical Module Information On Juniper Switches

Reading internal transceiver data helps monitor link status, optical power, temperature and coding compatibility between modules and switches. We use Moduletek SFP-10G-LR

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

