

Huawei switch connected to Huijue optical module



AI Overview

Ensure compatibility and certification when connecting a Huijue optical module to a Huawei switch, and verify port configuration and transceiver status for proper operation.

Compatibility and Certification

Huawei switches require optical modules that are certified for use on their devices. Non-certified modules, including third-party modules like Huijue, may not guarantee reliable transmission and could affect service stability. Huawei does not provide support for issues caused by non-certified modules. To check if a module is certified, look for the HUAWEI label, verify the manufacture date, or use the display transceiver command to check the Vendor Name field.

Port Configuration

- Check interface status: Use the command display interface to see if the port is administratively up or down. If it shows Administratively DOWN, enable the port with the undo shutdown command.
- Verify speed compatibility: Do not use a module with a higher rate than the interface supports (e.g., a 10G module on a 1G port) to avoid link failure.
- Fiber type matching: Ensure single-mode modules are connected to single-mode fiber and multimode modules to multimode fiber. Mixing fiber types can prevent the link from coming up.

Monitoring and Troubleshooting

Article Content

Can H3C switches connect to Huijue optical modules

H3C switches generally require modules with compatible coding, so Huijue optical modules may work if they are specifically coded

How To View Optical Transceiver Information On Huawei Switches

We connect Moduletek SFP-10G-LR transceiver to Huawei S6700 switch, and demonstrate how to view transceiver

How Do I Select Optical Modules and Fibers?

An optical module works in full-duplex mode with a pair of optical fibers, one for transmission and one for receiving, as shown in the

Checking the Optical Module Type

The selected optical modules must be supported by the optical interfaces. Check whether the optical module used on the switch is

Connecting Optical Modules and Optical Fibers

The methods for connecting optical modules and optical fibers to different routers are the same. The following uses an AR2220-S

Are Huawei optical modules not compatible with Huijue

The optical module installed on the optical interface is not certified for Huawei data center switches. The optical module type does

FAQs About Optical Modules

For details about the optical modules supported by optical ports on switches, see "Appearance and Structure" of a specific switch

Optical Module Installation and Replacement

Never look directly into an optical module or the ends of optical fibers. Optical modules and connected fibers emit laser radiation that

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,

How to use the optical port on a Huijue switch

When the transmit/receive power of the optical ports is too high, optical modules on the ports may be damaged. In this case, connect

Displaying Optical Module Information

To determine whether optical modules delivered for Huawei switches before July 1, 2013 are certified ones, contact Huawei technical

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

Types of Optical Modules

This document provides an overall description of the CE5800& 6800& 7800& 8800 series switches hardware that versions earlier than

Multiple Huijue Fiber Optic Switches Configuration

Moduletek Labs takes Huawei S series switches as an example to show you the specific configuration and performance of switch

Replacing an Optical Module

Use optical modules certified for Huawei data center switches. Non-certified optical modules cannot ensure transmission reliability

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

Can Huijue switches use Huawei optical modules

A switch must use optical or copper modules that have been certified for use on Huawei switches. This article summarizes several

How To View Optical Transceiver Information On Huawei Switches

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

Typical Troubleshooting Cases of Optical Module

On the live network, services on a switch will be affected if you remove and reinstall optical modules, restart the switch, or upgrade

Installing Optical Modules and Connecting Optical Fibers

To connect optical fibers to an optical module, align the fiber connector with the bores on the optical module and insert the fiber

Optical Module Troubleshooting

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

Enable the optical port of the Huijue switch

Problem: All optical ports cannot be connected, and the indicator lights are not on.

Solution: To solve this problem, you can follow

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

Configuring Attributes for an Optical Interface

After the unidirectional single-fiber function is configured on interface 10 GE2/17/2, you only need to connect the TX

Types of Optical Modules

If the optical fibers connected to a long-distance optical module are too short, use an optical attenuator to reduce the receive power

What Is an Optical Module and Its FAQs (V200)

What Is an Optical Module and Its FAQs (V200) Describes what an optical module is and FAQs, including the fundamentals,

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 use the optical port on a Huijue switch

How to use the optical port on a Huijue switch This article summarizes several solutions for using optical modules with switches and

How to View Optical Module Parameters

Using a Command If an optical module is installed in a running device, you can run the display transceiver command

Optical Module Solutions for Huawei S5700/S5720 Series Switches

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

Contact Us

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