

Huawei switch optical module malfunction



Overview

If the optical module is faulty, replace it. If the fault is caused by incorrect configuration or networking environment, change the configuration or networking environment. Huawei S5720-32P-EI-AC Switch II. How to Configure Optical Ports on Huawei S5720-32P-EI-AC Switch?

Problem: All optical ports cannot be. Optical transceivers are widely applied in switches, network cards, routers and other communication devices. Checking transceiver parameters allows users to monitor real-time operating status and locate link faults rapidly. We connect Moduletek SFP-10G-LR transceiver to Huawei S6700 switch, and. However, in actual deployment and operation and maintenance processes, optical link failures such as optical module docking failures and port Down often occur, which not only cause data transmission interruptions but may also affect business continuity. This article will elaborate on the core. The purchased products, services and features are stipulated by the contract made between Huawei and the customer.



Article Content

Troubleshooting for Optical Modules on Huawei Switch

Troubleshooting for Optical Modules on Huawei Switch Many friends feedback that one problems occurred when using optical modules on switches, now we are

Checking the Working Modes

Procedure Run the display transceiver interface interface-type interface-number verbose command to view the optical module parameter settings. All the parameters of each optical module

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 and reinstall the optical module. If ...

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 modules cannot ensure transmission reliability and may affect service

Replacing an Optical Module

Huawei-certified optical modules are strongly recommended because non-Huawei-certified optical modules cannot ensure transmission reliability and may affect service stability. Optical modules are

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 different models of Huawei switches, and how to resolve issues encountered

FAQs About Optical Modules

For details about the optical modules supported by optical ports on switches, see "Appearance and Structure" of a specific switch model in the Hardware Description. The following figure shows the

Optical Interface Interconnection Is Abnormal on CE Switches ...

If the alarm message " Non-Huawei-Certified Transceiver " or " Non-Huawei-Ethernet-Switch-Certified Transceiver " is displayed, the optical module is a non-Huawei-certified optical module.

port is disconnected due to optical module faulty

Use the idle optical module on the storage device to exchange with PO and check whether the fault is rectified. If the fault persists, it indicates that the optical module is not faulty. If

Displaying Optical Module Information

Obtain the electronic label of the optical module and contact Huawei technical support personnel to confirm whether it is a Huawei-certified switch optical module.

Optical Interface Interconnection Is Abnormal on CE Switches ...

Perform a self-loop test on the optical module to check whether the optical module or optical fiber is faulty. Use a normal optical fiber to connect the receive end (Rx) and transmit end (Tx)

Optical module authentication failed

The current version of the. Based on typical issues encountered with optical modules in daily switch applications, this document summarizes basic troubleshooting steps for resolving common faults: 1.

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, along with specific solutions.

Optical Modules Fail to Communicate

Optical Modules Fail to Communicate Symptom Two optical interfaces are interconnected through optical fibers. An optical interface is down, leading to a failure in

Replacing an Optical Module

The CE12800E series switches must use Huawei data center switches certified optical modules. Non-certified optical modules cannot ensure transmission reliability and may affect service stability.

Checking the Optical Module Type

When certifying an optical module, Huawei switches comprehensively verify optical module functions to ensure the optical module quality. The functions include the installation and removal, transmit and

Optical Module Common Failure Of Optical Power Abnormality

- Solution: First clean the transmitting end face and optical fiber end face, then check fiber integrity; if the problem persists, replace the optical transceiver.

How to Locate the Causes of Switch Hardware Faults?

How to Locate the Causes of Switch Hardware Faults? Hardware faults on CE switches include power supply faults, fan faults, card power-on failures, unexpected card restarts, abnormal

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 connected fibers emit laser radiation that will cause eye damage. A

Troubleshooting Optical Module Issues

Troubleshooting Optical Module Issues Symptom An optical port cannot go Up. The optical module cannot be properly identified and optical module information cannot be obtained. After

Optical Link Failure Troubleshooting: Switch-to-Switch (SMF/MMF)

Learn how to troubleshoot optical link failures between network switches. Essential guide covers checking optical modules, single-mode (SMF) vs. multimode (MMF) fiber integrity, and

Optical Module Troubleshooting

If there is a Huawei logo on the label, the optical module has been certified for Huawei data center switches. If not, send the model of the optical module to technical support personnel.

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

Typical Troubleshooting Cases of Optical Module

Check whether the optical modules are Huawei-certified ones. If not, contact the supplier of the optical modules. If possible, remove and reinstall the optical modules to check whether the fault is rectified.

Introduction of Optical Modules on Huawei Switches

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

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