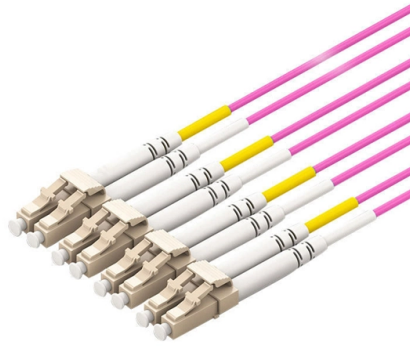


Huawei switch optical attenuation normal port down



Overview

This document describes how to check the switch interface or port status and how to locate an interface physically down fault and restore the interface to the up state. Hardware failures: include hardware. Problem: All optical ports cannot be connected, and the indicator lights are not on. For example, check whether cables are incorrectly removed and installed, accidental touch on the device causes loose cable connections, or misoperations are performed using commands on. If the optical module is installed on a GE port, run the display interface GigabitEthernet x/x/x command to check information about the port, including the rate and wavelength. An interface may go down in many situations. The following symptoms are possible indications of this problem: An.

Article Content

Displaying Optical Module Information

What Is the Impact of Using Non-Huawei-Certified Switch Optical Modules? When certifying an optical module, Huawei comprehensively verifies the functions of the optical module to ensure the optical

Too large Optical attenuation leads to ONU recovery failure

In the network operation, if optical attenuation of Huawei MA5616 and MA5620 series ONU is too large that will lead to the same PON port of the other ONU configuration recovery ...

Troubleshooting Guidelines for Interfaces

Ethernet interfaces are physical interfaces provided for operation and configuration. They are mainly used to receive and send data. Ethernet interface faults typically include interface physically down,

Displaying Optical Module Information

How Can I Determine Whether an Optical Module Is a Huawei-Certified Switch Optical Module? Obtain the electronic label of the optical module and contact Huawei technical support personnel to confirm

Displaying Optical Module Information

The edge connectors of some non-Huawei-certified switch optical modules have a nonstandard size, causing the interface to be short-circuited and damaging the electronic components of the interface.

Causes of an Interface Physically Down Event and Troubleshooting ...

Huawei is not responsible for any problem caused by the use of non-Huawei certified optical modules and will not fix such problems. Run the display transceiver interface command to

Configuring and Troubleshooting Eth-Trunks for S5700 Switches

If the Eth-Trunk member interface goes Down, rectify the fault by referring to "Troubleshooting: Ethernet Interface Physically Down" in the Huawei S Series Switches Troubleshooting Guide.

Troubleshooting S Series Switch Port and Interface Problems

This document describes how to check the switch interface or port status and how to locate an interface physically down fault and restore the interface to the up state.

Typical Troubleshooting Cases of Optical Module

Possible causes include: The connector attenuation of the optical fiber exceeds the attenuation threshold, or the optical fiber is bent seriously. Install another optical module on the port and check

Troubleshooting Interface Down Problems

If an optical module with an MPO connector is installed on an optical interface that is not split or an optical module with an LC connector is installed on an optical interface that is split, the interface is in

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 optical module is faulty, send it ...

Ethernet Interface Configuration Commands

S1720, S2700, S5700, and S6720 V200R011C10 Command Reference This document describes all the configuration commands of the device, including the command function, syntax, parameters, views,

Optical Module Troubleshooting

Optical Modules on the Local and Remote Devices Cannot Communicate Fault Description A switch is connected to a remote device through optical interfaces and optical fibers. The two optical ports are

Huawei MiniFTTO Optical Power Calculator

Get technical support for optical power planning with Huawei's comprehensive guide and solutions tailored for enterprise needs.

Checking that the Optical Power Is Within the Normal Range

In the preceding command output, the information in bold shows the optical power of the optical module. If the value of Rx Optical Power is less than the receiving sensitivity, adjust the link or replace the

How Do I Check the Interface or Port Status?

Huawei S Series Campus Switches Troubleshooting Guide (V100 and V200) How Do I Check the Interface or Port Status? Checking Service Interface Indicators to Determine the Interface Status

Checking Whether the Rx and Tx Optical Power of the Interfaces at

If the Tx optical power is out of the normal range, replace the optical module. If the Rx optical power is less than the receiving sensitivity, adjust the link or replace the peer optical module.

Causes of an Interface Physically Down Event and Troubleshooting ...

If the receive power of an optical module is too low or too high, use an optical power meter to test the optical power attenuation of each part of the link and repair abnormal parts.

Optical cable is outage caused ONT offline

Customer reported an urgent issue that more than 150 ONT are disconnected from one OLT suddenly. From the log and statistics, it shows that main reason is optical cable is outage.

Optical Interface Interconnection Is Abnormal on CE Switches ...

CloudEngine 16800, 12800, 9800, 8800, 7800, 6800, and 5800 Series Switches Troubleshooting Guide (V100 and V200) Optical Interface Interconnection Is Abnormal on CE

Checking TX / RX optical power for Huawei Switches and Routers

Here is an example on how to query or display optical power of an interface in a Huawei Router. This is tested using NetEngine40E Universal Service Router or NE40E running version 8.x OS. display

How To Check If Interconnected Optical Ports Cannot

1. Checking the Optical Module Type Log in to the switch through Telnet or console port to check the switch model. Run the display device command to check the port transceiver-power-low trigger error-down

Usage Scenario Excessively low optical power of the device may cause intermittent interruption of services. To ensure normal running of services, users expect that an interface can

Port: Optical Ports on the AC Cannot Go Up

Check the model and working mode (single-mode or multimode) of the optical modules on the connected devices. Use the patch cords accordingly. If the optical port still fails to go Up, replace the

How To Check If Interconnected Optical Ports Cannot

If the problem is not caused by the optical modules, fibers, or intermediate device, connect the switch to another interface or replace the switch to check whether the port is disconnected due to optical module faulty

As per checked the log, it was found that the host port was disconnected, This alarm indicates the port and switch has been disconnected. Hence, we would advise you to perform cross

What are the common check commands for Huawei

In the daily maintenance of Huawei switches, we need to use various inspection commands. Today, let's take a look at the commonly used inspection

Typical Troubleshooting Cases of Optical Module

Check whether the information is consistent with the optical module specifications provided in the product documentation. (For details about the commands for querying port information, see the

Troubleshooting Interface Down Problems

Troubleshooting Interface Down Problems This document describes how to troubleshoot the fault that an interface is down. An interface may go down in many situations. To check the interface status, run

Optical Module Solutions for Huawei S5700/S5720 Series Switches

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

Solution: To solve this problem, you can follow these steps: Check if the fiber and optical modules

Contact Us

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