

Huawei fiber optic switch not working



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. I'm now trying to connect a Server with a QNAP LAN-40G2SF-MLX card, a rebranded Mellanox ConnectX-3 Pro, to the switch. When I connect both ends of. A: on the premise that the equipment is working properly, we first need to eliminate the problem of the optical fiber line itself, and then check whether the state of the optical aperture is open, whether the optical fiber jumper is connected to the reverse, and whether the mode of the optical. There are also copper connections between the switches as trunks and running rstp; these connections working fine and with no issues. So has anyone an idea why the SFP connections / interfaces are acting so weirdly?

Or do I miss anything?

I am sitting on that issue since two days now, searching the. Fiber optic networks are celebrated for their speed and reliability, but even the best systems can encounter problems.



Article Content

My Internet connection provided by the router is unstable

Learn about "My Internet connection provided by the router is unstable". Find all usage guide, troubleshooting tips and resources for your HUAWEI product.

Troubleshooting S Series Switch Port and Interface Problems

When connecting two devices, check whether optical modules match optical interfaces, whether optical modules match fiber models, and whether optical modules and fibers are connected correctly.

No device connected to the router can access the Internet

Check the WAN port connection. Log in to the router's web-based management page. On the Home page, check whether the " No Internet cable detected " message is displayed. If the message is

Checking the Interface Status and Configuration Parameters

If a message is displayed, indicating that the optical module is not in position, remove and then properly insert the optical module. If the auto-negotiation mode is used but the interface cannot go Up, set the

SFP Fibre Connection not coming up

There are also copper connections between the switches as trunks and running rstp; these connections working fine and with no issues. So has anyone an idea why the SFP connections

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 this resolves the

Solved Problem with a Huawei Switch

I'm trying to setup a new network The core of the Network is a Huawei S6730-H24X6C switch. I'm now trying to connect a Server with a QNAP LAN-40G2SF-MLX card, a rebranded

Optical computing interconnect technology landscape 2026

Optical computing interconnect patents and research 2026: silicon photonics, co-packaged optics, FSO, and fiber switching — mapped across hyperscalers, chipmakers, and academia.

Common problems and solutions in the installation and

First, we need to confirm whether the type of optical fiber jumper and optical transceiver is correct, and second, whether the optical fiber jumper is

Some devices wirelessly connected to the router

Learn about "Some devices wirelessly connected to the router cannot access the Internet". Find all usage guide, troubleshooting tips and resources for your

Fiber ONT Troubleshooting

Don't let optical network terminal (ONT) problems disrupt your fiber-optic experience. At BroadbandSearch, we developed this guide to help you avoid unnecessary service calls and prevent

Enabling pass through in a Huawei optic router

If the ISP allows, it might be possible to connect your own GPON ONT (ONU) instead of the Huawei. (Our largest ISP doesn't provide combo routers; they instead provide small Huawei or

Troubleshooting Tip: SFP/SFP+ transceivers port/fiber link is not ...

As they are the same size, the SFP transceiver will fit seamlessly into an SFP+ switch port and vice versa. However, the connection will not work as expected. It may not work at all. If an SFP

Huawei fiber optic terminal box-AliExpress

The Huawei Fiber Optic Terminal Box is a reliable device for terminating and managing fiber optic cables in FTTH networks, offering compatibility, secure cable management, and support for various adapter

Huawei EchoLife ONT FAQ

Huawei ONTs have indicators for power supply, registration, optical signal, and gigabit (100M and LAN). ONTs with voice, USB, wireless, and CATV functions also have indicators for telephone (TEL),

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

Unable to detect my router's Wi-Fi network

Make sure the Wi-Fi name is not hidden. If the Wi-Fi name is hidden, your computer, mobile phone, or other wireless devices will not be able to find the router's Wi-Fi network.

5 troubleshooting tips for connecting the SFP's

In summary, make sure that you know what you are doing when plugging in SFP+ modules and fibre optic cables. It may look simple, but transceivers and ports

Typical Troubleshooting Cases of Optical Module

Check whether the optical module is a Huawei-certified one. If not, replace it with a Huawei-certified optical module. If the optical module is installed on a GE port, run the display interface

How To Read Optical Module Information On Huawei 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

How to diagnose errors with my router | HUAWEI Support Global

Learn about "How to diagnose errors with my router". Find all usage guide, troubleshooting tips and resources for your HUAWEI product.

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

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.

Corporate Information

Huawei revealed its Intelligent OptiX Network strategy, aiming to work with upstream and downstream partners to redefine the optical network industry.

Common problems and solutions in the installation and use of optical ...

First, we need to confirm whether the type of optical fiber jumper and optical transceiver is correct, and second, whether the optical fiber jumper is connected to the wrong side.

Optical Module Troubleshooting

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

Fiber Network Troubleshooting – Common Issues & Fixes

Learn how to troubleshoot fiber networks. Identify common issues like high loss, dirty connectors, and signal drops, with practical solutions for optical links.

Troubleshooting for Optical Modules on Huawei Switch

When this optical module uses OM3 multimode optical fibers, its transmission distance is 0.3 km. The optical modules used on both ends must have the same

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