The switch cannot be used with the optical module plugged in



Overview

The optical module installed on the optical interface is not certified for Huawei data center switches. Check compatibility between the optical module and switch Most switch brands have specific compatibility requirements. The optical module cannot be properly identified and optical module information cannot be obtained. The working rate, duplex mode, and. Te1/1/1 port is plugged in 10G module but it shows as in the picture. Is there any way to solve it?

10-26-2025 08:28 AM - @gtstech Not on those devices, it's a catalyst 1300 which is in the small business product line. Whether you are dealing with a no link light, intermittent connectivity (link flapping), or a transceiver not detected error, the root cause is often not immediately obvious.

Article Content

Optical Module Troubleshooting

Interfaces that use optical modules that are not certified for Huawei data center switches may be unable to go Up. If an optical module that is not certified for Huawei data center switches is

Optical Module Application: Common Problems & Troubleshooting

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Most switch brands have specific compatibility requirements, especially when using third-party optical modules. First verify that the module is compatible with your switch.

Troubleshooting Optical Module Issues

Check whether the transmit optical power and receive optical power of the optical module are within the normal range. If the transmit optical power is beyond the normal range, replace the

Forcing A Cisco Catalyst Switch To Use 3rd Party SFP Modules

Solved: Forcing A Cisco Catalyst Switch To Use 3rd Party SFP Modules Te1/1/1 port is plugged in 10G module but it shows as in the picture,. the signal light is not on, but when unplugged

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

SFP Issue: Causes, Fixes, and Troubleshooting Guide

Learn how to fix SFP issues fast: no link light, link flapping, detection errors, compatibility problems, and optical power checks.

Common Switch Error Messages When a Transceiver Is Rejected

Switch not accepting your optical module? This guide explains common error messages, their real meanings, and step-by-step solutions to fix transceiver compatibility problems.

How to Check SFP Module: Testing and Compatibility

Some SFP modules do not support Digital Optical Monitoring (DOM or DDM), which means the switch cannot read diagnostic values such as temperature, TX power, or RX power.

How To Enable Support For Third-Party Modules On Cisco Switches

By default, Cisco switches perform authenticity validation on inserted optical modules. If a module is identified as non-Cisco original, the switch may shut down the port, trigger an alarm, or

What Can we do if no response when an optical module plugged into

According to the customer''s feedback, how should we analyze and solve the issue that the switch and optical module are incompatible or cannot be used? In this article, ETU-LINK

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Optical module – A comprehensive exploration

The optical module is one of the core devices of the optical communication system, and its development has a vital impact on its related industrial chain. So, what is an optical module? How

What Is an Optical Module and Its FAQs (V200)

Describes what an optical module is and FAQs, including the fundamentals, appearance and structure, key performance counters, common types, and naming conventions of optical modules, causes of

What is QSFP & QSFP28 Port? Everything You Need to

What is a QSFP port used for? Simply put, the QSFP connector or port provides a physical house connector that allows the switches to build high

Cisco SFP Commands Cheat Sheet: Check Status & Troubleshoot

Learn how to check SFP module health on Cisco switches. This guide covers essential CLI commands (show inventory, DOM), fixes for "unsupported transceiver" errors, and interpreting optical power levels.

SFP vs SFP+ vs SFP28 vs QSFP+ vs QSFP28 vs QSFP-DD vs

Optical transceiver modules play a crucial role in modern high-speed data communication networks. These compact and easily interchangeable modules serve as interfaces

Optical Module Failure Diagnosis and Prevention: Securing Network

A comprehensive guide on Optical Module Failure diagnosis and prevention to maintain network stability through effective troubleshooting, maintenance, and environmental control.

How to Choose the Right Fiber Optic Cable for Your Optical

Switch │ Optical Transceiver │ Fiber Patch Cord │ Patch Panel / ODF │ Backbone Fiber │ Fiber Patch Cord │ Optical Transceiver │ Server / Router / Switch If any component in this link is

The Detail Guide to Transceiver Testing and Quality Control

The spectrometer is used to measure the optical wavelength''s accuracy. The transceiver is usually plugged into a factory environment with a specially powered PCB as a power supply, or a

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