

Switch optical module authentication failed



Overview

What it means: The module carries an authentication or signature byte that the switch checks; when the check fails the switch refuses to enable the port. This is a deliberate vendor control to prevent third-party optics. What to do: Use vendor-approved optics where. According to the optical module in the daily application of the switch on some of the problems, summed up a few points to eliminate the basic method of simple problems, the basic steps are as follows : 1. Those messages tell you what the switch detected (authentication mismatch, bad EEPROM, unsupported part number, PHY disagreement) and point to a small set of concrete checks. This engineer is trouble shooting optical transceivers. When you found the following warning info in your logs such as Unsupported transceiver, Unknown, unqualified sfp+ module detected, authentication failed. There are generally three reasons for all the above errors: a. The current version of the. Client used XFP XFP-STM64-LX-SM1310 optical module to connect manufacturer C switch on client S9300, the connection is up, but it cannot ping the direct connection interface, if replacing it by "Finisar FTRX-1411M3", it can ping.

Article Content

Solved: SFPs not working

I was configuring the switch remotely, asking my colleague to insert the modules. I asked him to insert them in slots 1 and 3 on the C3KX-NM-10G module, and they should be inserted in slots

How to Trouble Shoot Optical Transceiver?

Generally, there are two situations, one is the quality of the cable, and the second is the quality of your optical module. Both of these situations can be resolved by

Troubleshooting and Repairing Optical Transceiver Failures in

SFP or SFP+ optical transceiver failure can happen in multiple recognizable ways. The most notable fault is the "module not detected" error, which describes a situation in which a switch

How Huawei CE & S Series Switches Handle Non-Certified Optical Modules

S series switch module alarm prompts: CE series switch module alarm prompts: Technical Analysis Huawei CE and S series switches both incorporate an optical module authentication mechanism. On

Optical Module: Typical Optical Module Troubleshooting Procedure

If it is not a Huawei-certified optical module, replace it with a Huawei-certified optical module. If the optical module is installed on a GE port, run the display interfaceGigabitEthernet x/x/x command to

Troubleshooting Guide

Location Method When an ONU fails to go online, locate the fault based on the following fault symptoms and possible causes. ... NOTICE The parameters of the optical module in this topic comply with

Optical Modules Fail to Communicate

CloudEngine 16800, 9800, 8800, and 6800 Series Switches Troubleshooting Guide (V300) Optical Modules Fail to Communicate Symptom Two optical interfaces are interconnected

Checking the Optical Module Type

For the Huawei-certified optical modules, Huawei has added Huawei logo and identifier and changed the vendor information in the product elabel and optical module information into HUAWEI. When an

How to stop messages for SFP not certified by Huawei

The transceiver phony-alarm-disable command disables the alarm function for non-Huawei-certified optical modules. <HUAWEI> system-view transceiver phony-alarm

Checking the Optical Module

Change the optical module or fiber of the peer and test the receive optical power again. Check whether the transmission distance and fiber type of the optical module meet the requirements.

Common Non-Certification Alarm Messages For Switches

To restrict the use of third-party modules on their devices, host manufacturers usually conduct inspections on the optical modules that are connected, including but not limited to reading the optical

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 used, replace it

Common Switch Error Messages When a Transceiver Is Rejected —

What it means: The module carries an authentication or signature byte that the switch checks; when the check fails the switch refuses to enable the port. This is a deliberate vendor control to prevent third

ALM-3276800044 An Optical Module Installed on the Device Is ...

Possible Causes Cause 1: The optical module is not a Huawei-customized optical module. If this optical module was delivered from Huawei early. Cause 2: Temperature of the

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

This article will elaborate on the core influencing factors, common causes, and targeted troubleshooting steps of optical link failures between switches, providing practical guidance for operation and

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

Optical Module Application: Common Problems & Troubleshooting

Based on typical issues encountered with optical modules in daily switch applications, this document summarizes basic troubleshooting steps for resolving common faults:

Optical module common faults and solutions

In this article, we will focus on teaching you how to troubleshoot and solve the common three categories of optical module failure. First, the transmission class of the optical module fault

View the Optical Module Status on a Switch through the Command

Once the transceiver and fiber optic cable are plugged in properly in the switch optical module, you should be able to view the current information for the optical connection, which helps you manage

S9300 switch used our company authentication optical module

Issue Description Client used XFP XFP-STM64-LX-SM1310 optical module to connect manufacturer C switch on client S9300, the connection is up, but it cannot ping the direct connection

Contact Us

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