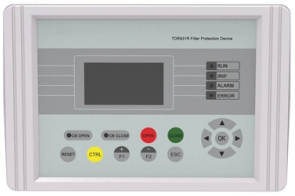
# ZITHA TECH SPECIALTY CABLES (Pty) Ltd

# Huawei single-mode optical module fails to start



## 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. A single-mode optical module (typically with a center wavelength of 1310 nm or 1550 nm) must be used with. ALM-3276800132 Logical Ports of a Stack Were Connected Incorrectly. (Index=, EntityPhysicalIndex=, PhysicalName=" ", EntityTrapFaultID=, EnBased on typical issues encountered with optical modules in daily switch applications, this document summarizes basic troubleshooting steps for resolving common faults: 1. Perform a. After a port on the switch connected to the master NCE node is shut down, the southbound and northbound networks and the DR network are all interrupted. AP still fault due to Chanel cannot configure. AP offline because the CAPWAP source address of the VRRP group was changed.

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## Article Content

Optical Modules Fail to Communicate

Devices must use optical modules certified by Huawei. Those that are not certified by Huawei cannot ensure service reliability, and the corresponding optical interfaces may fail to go up.

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. ...

ALM-135462942 The optical module is invalid 136203

An unsupported optical module is installed in the optical interface. For example, an XGE optical module is installed in a GE optical interface; a 100GE optical module is installed in a 40GE

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 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

Choose Diagnosis and O&M > Log and check whether optical module alarms are displayed. If no alarm is displayed on either end but the two interfaces are still down, collect detailed information and logs

Typical Troubleshooting Cases of Optical Module

If possible, remove and reinstall the optical modules to check whether the fault is rectified. If the fault persists, run the reboot command to restart the switch or power cycle the switch, and check whether

Optical Module: Typical Optical Module Troubleshooting Procedure

Use an optical power meter to test the receive power of the port and check whether the optical fiber is disconnected. Use one optical fiber to form a loop on the port to check whether the port goes Up. If

Optical Modules Fail to Communicate

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In this case, check whether the transmission distance exceeds the transmission distance of the optical module, and then check whether the optical module or optical fiber is damaged.

Checking the Optical Fiber or Link

Procedure Check whether the transmit and receive optical fibers are correctly connected. If no, re-connect them. Insert the optical fibers tightly to prevent poor contact. Check whether the optical fiber

Troubleshooting Interface Down Problems

If a single-mode optical module is used with a single-mode optical fiber, the transmission distance is often longer than 10 km. If the transmission distance is long, use an optical attenuator to prevent

Troubleshooting System Crashes for Modular Switches

PWR_LACK and SWITCH_STAT sensor alarms for the same power module: The power module is present but has no power cable connected or its power switch is in OFF position. PWR_FAULT

Optical Modules Fail to Communicate

Procedure Check whether the optical modules have been certified by Huawei. Devices must use optical modules certified by Huawei. Those that are not certified by Huawei cannot ensure service reliability,

Optical Module Troubleshooting

A single-mode optical module (generally with a center wavelength of 1310 nm or 1550 nm) must work with a single-mode optical fiber (generally yellow). A multimode optical module (generally with a

Checking the Optical Module

Check whether the firewall supports the optical module based on the model of the optical module inserted into the interface and hardware description in the product documentation.

Optical Module: The Device Cannot Display Any Optical Module ...

Possible Causes The optical module is not a Huawei-certified optical module. A software bug occurs, leading to a failure to read optical module information.

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.

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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

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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