

# Huijue Optical Module Unavailable Alarm



## Overview

Check the diagnostic information, which shows that the received optical power is low, with a threshold of -3 to -23. Once it exceeds the threshold, an alarm will be triggered. Troubleshoot the link, and if the link is normal, replace the optical. If non-Huawei-certified optical modules are used on a device produced after July 1, 2013 (January 1, 2016 for QSFP+ 40GE optical modules, CFP 40GE optical modules and CFP 100GE optical modules), the device generates alarms that prompt you to replace these optical modules with Huawei-certified. How to clear Unavailable Optical Module Alarm | SFP Module Alarm | ZTE BBU Current Alarms In this video you can learn that How to clear Unavailable Optical Module Alarm. more How to clear Unavailable Optical Module Alarm | SFP Module Alarm | ZTE BBU. 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 module manufacturer name, model number, serial number, custom part of the data (encrypted. ENTITYTRAP/3/OPTICALUNAUTHORIZED: OID The optical module was not certified by Huawei Ethernet Switch. (Index=, EntityPhysicalIndex=, PhysicalName=" ", EntityTrapFaultID=, EntityTrapReasonDescr=" ") An optical module installed on the device is not a. The optical module on the port generates an alarm.

## Article Content

ALM-3276800000 Indicates that SFP is not certified 136192

Procedure If this optical module was delivered from Huawei earlier, run the transceiver phony-alarm-disable command to disable the alarm function for non-Huawei customized optical

Disabling the Optical Module Alarm Function

Some optical modules can continue working properly when the actual optical power is at the warning level. You can disable the alarm function for these optical modules to prevent these optical modules

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

BackgroundIn past projects and testing experience, it was commonly believed that Huawei CE series switches would not generate alarms when using third-party optical modules, while only S series

Configuring the Alarm Function for Non-Huawei-Certified Optical

By default, the alarm function for non-Huawei-certified optical modules is enabled. To enable the alarm function for non-Huawei-certified optical modules, run the undo transceiver phony-alarm-disable

Pulling out the optical module and shutdown interface causes the alarm ...

Solve the problem of alarm indicator steady on by clear the alarm after it is confirmed that customer pull out the optical module and shutdown interface manually

Common Non-Certification Alarm Messages For Switches

ModuleTek Laboratory lists some of the mainstream switch brands that have customized compatibility requirements, and shows you their measures for handling third-party modules.

How To Turn Off Alarms For Third-Party Modules On Huawei Switches

By default, numerous alarm messages will be generated when a non-original Huawei module is used. Huawei provides dedicated commands to disable alarms triggered by uncertified

Disabling the Optical Module Alarm Function

Context The system automatically obtains the vendor-defined power threshold of an optical module and compares it with the actual power. If the actual power exceeds the vendor-defined threshold, an

BBU Optical Module Transmit/Receive Fault

1. BBU Optical Module Transmit/Receive Fault 2. RF Unit Maintenance Link Failure The results of this alarms was restarting of the RF unit. After combining the RRU log analysis and the alarm of the

Disabling the Alarm Function for Optical Modules That Are Not

Context If optical modules that are not certified for Huawei data center switches are used on devices, the devices will generate a large number of alarms to prompt users to replace these optical modules with

ALM-135471444 hwOpticalUnauthorized\_Common Alarms\_V600

If the optical module is delivered by Huawei in the early stage, the system is not affected. If not, the optical module may be abnormal, causing service interruption.

Configuring the Alarm Function for Optical Modules

You can configure the alarm thresholds for the power of optical modules to shield unnecessary alarms. To check alarm information, diagnostic information, and manufacturing information about an optical

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

If this optical module was delivered from Huawei earlier, run the transceiver phony-alarm-disable command to disable the alarm function for non-Huawei customized optical modules.

Why Are Alarms About Optical Modules That Are Not Certified for

Therefore, alarms about optical modules that are not certified for Huawei Ethernet switches are generated. You can run the transceiver non-certified-alarm disable command to disable the alarm

Troubleshooting Optical Module Issues

Troubleshooting Optical Module Issues Symptom An optical port cannot go Up. The optical module cannot be properly identified and optical module information cannot be obtained. After

How to clear Unavailable Optical Module Alarm | SFP Module Alarm

How to clear Unavailable Optical Module Alarm | SFP Module Alarm | ZTE BBU Current Alarms In this video you can learn that How to clear Unavailable Optical Module Alarm.

Typical Troubleshooting Cases of Optical Module

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. Check whether the

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

Cause 1: The optical module is not a Huawei-customized optical module. If this optical module was delivered from Huawei early. If this optical module was delivered from Huawei earlier,

#### Optical Modules Fail to Communicate

If neither transmit nor receive power alarms are displayed on the two ends but the two interfaces are still down, collect detailed information and logs about the optical modules, and then

#### Configuring the Alarm Function for Optical Modules

You can configure the alarm thresholds for the power, temperature, current, and voltage of optical modules, and the interval at which the inter-integrated circuit (I2C) collects optical module alarm

#### Setting Optical Power Alarm Thresholds

These thresholds are determined through extensive testing and verification. You can configure alarm thresholds but they must be within the default range. However, this is not recommended. If an optical

#### Optical module alarm

Check the diagnostic information, which shows that the received optical power is low, with a threshold of -3 to -23.01, currently at -22.84. Once it exceeds the threshold, an alarm will be

#### Configuring the Alarm Function for Non-Huawei-Certified Optical Modules ...

In addition, older optical modules may not record vendor information, resulting in the same alarms being generated. To continue using these optical modules without generating the associated alarms, you

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.activa.net.pl>

Email: [sales@activa.net.pl](mailto:sales@activa.net.pl)

Phone: +48 662 748 193

Address: ul. Cybernetyki 7B, 02-677 Warsaw, Poland

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