

Huawei Switch Optical Module Alarm

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

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

Huawei CE and S series switches both incorporate an optical module authentication mechanism. On S series switches, authentication is strict and alarm notifications ...

Huawei switches perform authentication on inserted optical modules. By default, numerous alarm messages will be generated when a non-original Huawei module is used. Huawei

To enable the alarm function for non-Huawei-certified switch optical modules, run the undo transceiver phony-alarm-disable command. This document describes the principles and

Huawei is very open when it comes to 3rd party SFP. In most cases, all SFPs work, but it generates a message every day, which fills the log unnecessarily. This can be disabled. When

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

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

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.

Huawei Technical Support

To determine whether optical modules delivered for Huawei switches before July 1, 2013 are certified ones, contact Huawei technical support. If your optical modules are delivered after July 1, 2013, use

View the general, manufacturing, alarm, and diagnostic information of the specified port optical module.
Table 1 Description of the output information

Analog Devices is global leader in the design and manufacturing of analog, mixed signal, and DSP integrated circuits to help solve the toughest engineering

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These optical modules can still be used to protect customer investment. In this case, you can disable the alarm function for non-Huawei-certified switch optical modules.

How Can I Determine Whether an Optical Module Is a Huawei-Certified Switch Optical Module? Obtain the electronic label of the optical module and contact Huawei technical support personnel to confirm

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