

Non-Huawei certified optical module alarm



Overview

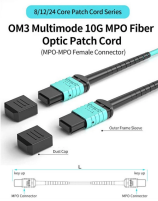
Huawei switches will authenticate the access optical module, and when the access module is verified to be non-Huawei original, a large number of alarm messages will pop up in the default state; at the same time, Huawei also provides commands to turn off the alarms . Huawei switches will authenticate the access optical module, and when the access module is verified to be non-Huawei original, a large number of alarm messages will pop up in the default state; at the same time, Huawei also provides commands to turn off the alarms . 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. Huawei switches will authenticate the access optical module, and when the access module is verified to be non-Huawei original, a large number of alarm messages will pop up in the default state; at the same time, Huawei also provides commands to turn off the alarms of non-Huawei data center. 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 provides dedicated commands to disable alarms triggered by uncertified optical modules on its data center switches. Alarms may be generated because vendor information of Huawei early. 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). This document describes the implementation and configurations of device management features, and provides configuration examples of these features.

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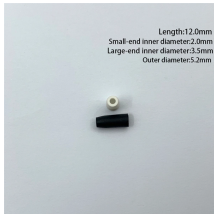
By default, a large number of alarm messages will be generated if the module is verified as non-H3C original. H3C provides CLI commands to suppress these optical module alarm ...



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.



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.



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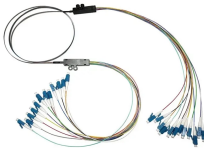
By default, numerous alarm messages will be generated when a non-original Huawei module is used. Huawei provides dedicated commands to disable alarms triggered by uncertified ...



When an interface is inserted with a non-Huawei-certified optical module, the system automatically reports an alarm. If you want to suppress the alarm, you can disable the function of reporting the ...



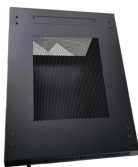
To protect user resources and ensure that these early delivered optical modules work properly, run the command to disable the alarm function. If no such early delivered optical modules ...



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 ...



After the non-Huawei alarm is turned off, the module can be linked up normally, and the non-Huawei certified alarm will no longer appear in the port log and optical module identification ...



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



In 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 ...

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