

# **How to check the security level of Huawei optical modules**





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### **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

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### **Disabling the Alarm Function for Optical Modules That Are Not**

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

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## **Why Are Alarms About Optical Modules That Are Not Certified for Huawei**

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

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## **Checking the Optical Module Type**

When certifying an optical module, Huawei switches comprehensively verify optical module functions to ensure the optical module quality.

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## **How To Read Optical Module Information On Huawei Switches**

The following uses the Mduletek 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 Huawei switch.

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

Background 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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## **Troubleshooting Optical Module Issues**

Although a non-Huawei-certified optical module can be identified and used, its reliability and stability cannot be guaranteed. Check whether the transmit optical power and receive optical

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## **How to Identify Huawei-Certified Optical Modules**

To confirm whether optical modules you use have been certified by Huawei, contact technical support personnel. If the optical modules you use are delivered after July 1, 2013, use

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## **Displaying Optical Module Information**

If the connected optical modules have the same wavelength and provide short-distance transmission but alarms indicating low or high optical power occur, the two optical modules may be from different

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## **How to Identify Huawei-Certified Switch Optical Modules**



If your optical modules are delivered after July 1, 2013, use either of the following methods to determine whether they have been certified by Huawei. Method 1: Check for "HUAWEI" on the

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## **How to View Optical Module Parameters**

Using a Command If an optical module is installed in a running device, you can run the display transceiver command to view parameters of the optical module, including the center wavelength,

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## FAQs About Optical Modules

For details about the optical modules supported by optical ports on switches, see "Appearance and Structure" of a specific switch model in the Hardware Description. The following figure shows the

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## **waifu-diffusion/tokenizer/vocab.json at main · jack-op11/waifu**

Contribute to jack-op11/waifu-diffusion development by creating an account on GitHub.

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## Displaying Optical Module Information

Obtain the electronic label of the optical module and contact Huawei technical support personnel to confirm whether it is a Huawei-certified switch optical module.



## **Huawei enterprise switches**

Goldfinger unreasonable optical module size, resulting in damage to electronic components interface. Some dimensions of the non-authentication cheat unreasonable optical module, when using such an

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

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

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## **Optical Module: The Device Cannot Display Any Optical Module**

Call Huawei global service hotline or contact software maintenance engineers to verify the software version. If allowed, reboot the device or power off and restart the device. Services on

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## **Displaying Optical Module Information**

When certifying an optical module, Huawei comprehensively verifies the functions of the optical module to ensure the optical module quality. The functions include the installation and removal, transmit and

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## **How to Identify Huawei-Certified Optical Modules**

Huawei is not responsible for any problem caused by the use of non-Huawei-certified



optical modules and will not fix such problems. The methods provided here are only for reference. To

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## **Huawei Switches Viewing Optical Port Receiving and Sending**

Use the command display transceiver to view the optical module information of all optical ports, and use the command display transceiver interface interface-type interface-number to view the

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## **Risks of Using Non-Huawei-Certified Switch Optical Modules**

Some non-Huawei-certified switch optical modules are not designed in compliance with EMC standards and have low anti-interference capability. Additionally, they bring electromagnetic

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## **Huawei Technical Support**

Learn how to display optical module information on Huawei devices using specific commands and understand the diagnostic details of optical modules.

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## **Huawei Optical Switch View Optical Module Commands**

Taking the Huawei 5700 series switches as an example, the commands to view optical module information are as follows:

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## **Troubleshooting Guidelines for Optical Modules**

If the transmit optical power is abnormal, replace the optical module. Remove and reinstall the optical module. If the fault persists, replace the optical module with a



normal one of the same type to check

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## **Troubleshooting for Optical Modules on Huawei Switch**

If the transmit power remains low, replace the optical module or install it in another optical port to check whether it is faulty. If the optical module is faulty, send it to

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