

How to check the optical module on Huawei NE8000



Overview

Run the following command to view detailed optical module information on the device interface: `display transceiver interface <interface-type> <interface-number> verbose` The command output is divided into two parts: Run the following command to view detailed optical module information on the device interface: `display transceiver interface <interface-type> <interface-number> verbose` The command output is divided into two parts: When the optical module on an interface is faulty, you can run the display commands to view information about the optical module. Related Information Video Identify a Huawei-Certified Optical Module Run the display transceiver [interface interface-type interface-number | slot slot-id] [verbose]. During use, reading optical module information helps understand its real-time operating status, enabling faster troubleshooting of link abnormalities. 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. NetEngine 8000 X8: Access product manuals, HedEx documents, product images and visio stencils. Do you have a question about the NetEngine 8000 F and is the answer not in the manual?

Page 1 HUAWEI NetEngine 8000 F V800R012C10 and Later Versions Hardware Guide Issue Date 2023-03-31 HUAWEI TECHNOLOGIES CO. Page 2 Notice The purchased products, services and features are stipulated by the. You can use the display commands to view information about the optical module on an interface, including conventional information, manufacturing information, and alarm information about the optical module.

Article Content

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Select appropriate fibers for optical modules. and post your questions in the community. 5 Optical port For more information, see "Optical Fiber" Huawei Carrier and "Optical Module" in the

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Typical Troubleshooting Cases of Optical Module

Form a loop on the port using an optical fiber, and check whether the port can go Up (if optical modules with a long transmission distance are used, use optical attenuators.) Check the configuration, such

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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 optical module. For details about how to check the electronic

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Checking Whether Optical Module Types Match

For example, the transmission distance supported by OM1 optical fibers in the preceding command output is 150 m. If the actual transmission distance exceeds 150 m, use an optical fiber with a longer

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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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Before connecting to the optical module, use an optical power meter to measure the receive optical power (P). If P is less than -4 dB, the optical module can be

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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 ...

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Checking the Interface Status

If optical interfaces are used for connection, check whether the optical modules on the interfaces of the local and peer ends are matched in terms of wavelengths, optical power, and other elements.

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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 Huawei switch.

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Huawei Technical Support

Discover how to view the serial number of an optical module with step-by-step guidance from Huawei Technical Support.

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Managing Non-Huawei-Certified Optical Modules

To manage non-Huawei-certified optical modules, you can suppress the alarms for non-Huawei-certified optical modules and enable the function of setting interfaces with the optical modules inserted to Down.

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Optical Module Devices must use optical modules that are certified for Huawei devices. Optical modules that are not certified for Huawei devices cannot ensure

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Displaying Optical Module Information

Run the `display transceiver diagnosis interface [ interface-type interface-number ]` command to view diagnostic information about a specified optical module. This command displays the digital diagnostic

Contact Us

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