

Check the optical module model on the server



Overview

Execute the following command to view detailed interface and optical module status: `ethtool <devname>` The output includes interface rate, module rate, link status (Link detected: yes is required for normal module operation), and interface configuration details. It is a compact, hot-pluggable transceiver module used for both telecommunication and data communication applications. This example uses the Moduletek SFP-10G-LR module connected to an Intel X520. 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]. For network engineers, knowing how to view and interpret SFP information from the Cisco command-line interface (CLI) is essential. By checking module health, compatibility, and digital diagnostics, you can quickly confirm correct installation, detect optical problems, and maintain accurate hardware. In modern fiber-optic networks, SFP modules (Small Form-factor Pluggable transceivers) are widely used to connect switches, routers, and servers to fiber or copper cabling.

Article Content

How to check SFP Module transceiver, Vendor name

To check the details of an SFP module in Red Hat Enterprise Linux (RHEL), you can use the `ethtool` command. Use the following command to check the SFP module

Checking the Optical Module Type

The selected optical modules must be supported by the optical interfaces. Check whether the optical module used on the switch is certified by Huawei switches. For the Huawei-certified optical modules,

How To View Port Status And Optical Module Information On Cisco ...

When optical modules operate on a switch, it is usually necessary to read the module's internal information to understand its working status—such as connection status and real-time

View the Optical Module Status on a Switch through the Command

Once the transceiver and fiber optic cable are plugged in properly in the switch optical module, you should be able to view the current information for the optical connection, which helps you manage

View the Optical Module Status on a Switch

Article ID:5508 View the Optical Module Status on a Switch Objective The Cisco Small Business Series Switches allow you to plug in a Small Form-factor Pluggable (SFP) transceiver in

View the Optical Module Status on a Switch

Once the transceiver and fiber optic cable are plugged in properly in the switch optical module, the Optical Module Status page of the web-based

How to View Optical Module Status on a Cisco Switch

This video demonstrates how to access the optical module status, check for any issues, and monitor the health of your network's optical components.

Nutanix Support & Insights

Access Nutanix Support & Insights for troubleshooting, maintenance, and hardware details of SFP modules and NICs.

How To Read Optical Module Information On Huawei Switches

Optical modules are widely used in switches, network interface cards (NICs), routers, and other communication devices. During use, reading optical module information helps understand its real

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The Scientist offers independent, award-winning science journalism, covering the latest life science research, insights, and innovations.

View the Optical Module Status on a Switch through the

This article provides instructions on how to view the Optical Module Status on your switch through the Command Line Interface (CLI).

Optical Module Application: Common Problems & Troubleshooting

1. Check compatibility between the optical module and switch Most switch brands have specific compatibility requirements, especially when using third-party optical modules. First verify that

How to Check SFP Module: Testing and Compatibility

Learn how to check an SFP module using Cisco commands, diagnostics, and compatibility checks. Step-by-step guide to test SFP optics and

Get information about SFP module (vendor,model) in Intel LAN NIC

I took dozens of servers under management without documentation and it would be good to know remotely whether I have a transceiver in and what type. Completely amazing would be to

How To Find SFP Details Without Getting Off The Chair

When troubleshooting issues or during maintenance, the hardware details of the SFP module plugged into a host NIC may need to be identified and

Optical Module: Typical Optical Module Troubleshooting Procedure

Check the model of the faulty optical module. If it is not a Huawei-certified optical module, replace it with a Huawei-certified optical module. If the optical module is installed on a GE port, run the display

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

How To View Port Status And Optical Module Information On

When optical modules are installed on switches, it is necessary to read internal module parameters to monitor operating status, including link connectivity, real-time transmit/receive optical

How To Read Optical Module Information On A Network Card In Linux ...

For optical modules used on switches, we read their information via brand-specific terminal commands. This guide introduces how to read optical module information when it is installed

How To Choose Optical Modules For Servers

Some customers are confused about this—they want to buy optical modules for servers, so why ask about network adapters? Below we will explain the reason. Those who are familiar with servers know

Cisco Command to Check SFP Module Details

Introduction - Why Checking SFP Status Matters In every enterprise network, Small Form-factor Pluggable (SFP) modules play a critical role. They

Cisco SFP Commands Cheat Sheet: Check Status

This guide gives a practical, CLI-focused workflow for checking SFP health and diagnostics on Cisco switches, shows the exact commands you'll use, explains

How To Check Sfp Module In Cisco Router

The test checks the SFP module's temperature, voltage, and light levels to verify that it is functioning correctly. In conclusion, SFP modules play a

How to View Currently Installed SFP Modules

The PA-2000 Series, PA-3000 Series, PA-4000 Series, PA-5000 Series, and PA-7000 Series firewalls accept SFP module (s). This document describes how to view the currently installed

Optical Transceiver Manufacturer,How to check optical

Finally, the networking of Cisco switch needs DAC direct attach cable, AOC active optical cable, optical module and patch cord. This paper introduces the models of

How To View Port Status And Optical Module Information On

Execute the command "show interface interface-type interface-number transceiver" to view the basic information of the optical module on the interface. The output of this command is

Cisco Command to Check SFP Module Details

For network engineers, knowing how to view and interpret SFP information from the Cisco command-line interface (CLI) is essential. By checking

Tech Talk - View the Optical Module Status on a Switch with CLI

In this edition of Cisco Tech Talk, I'll show you how to view the optical module status on a switch through the Command Line Interface also referred to CLI.

How to view the optical module DDM information?

DDM (Digital Diagnostics Monitoring) is a feature that is included in optical modules, such as SFP, SFP+, QSFP, and QSFP+ transceivers. DDM provides detailed information about the optical

How to Use Cisco Command to See SFP Module Details?

Check your device model and software version (show version), then consult Cisco's compatibility matrix to choose supported SFP modules matching your network requirements.

Contact Us

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