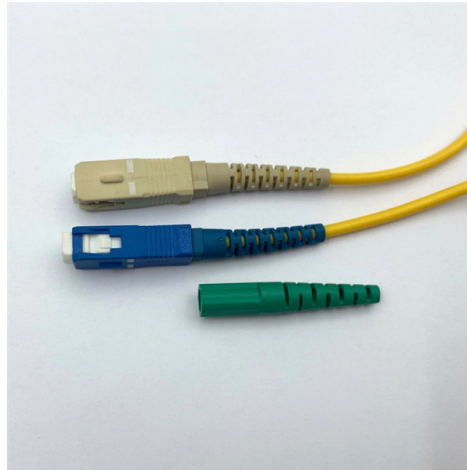


How to view optical module information



AI Overview

You can view optical module information using CLI commands to check module type, status, diagnostics, and compatibility, with specific commands varying by switch vendor.

Viewing Optical Module Information on Cisco Switches

Check Interface and Module Status Use the command: `show interface` This displays interface rate, module type, link state, and traffic statistics, helping verify normal operation and troubleshoot issues. To see all interfaces if the type or number is unknown: `show interface status`

View Module Identification To list all modules and their details: `show inventory` This shows module type, serial number, and Cisco-compatible part numbers.

To view detailed IDPROM data for a specific module: `show idprom interface` This provides transceiver type, encoding, wavelength, and supported distances.

Check Digital Optical Monitoring (DOM) Data Commands like `show fiber-ports-optical-transceiver` or `show interface transceiver display:Temperature` (°C) `Voltage` `Current` `Transmitted` and received optical power. Ensure the module supports DOM; otherwise, diagnostic fields may return 'N/A'.

Viewing Optical Module Information on Huawei Switches Use the command: `display transceiver [interface interface-type interface-number | slot slot-id]` This shows module type, optical power, wavelength, transmission distance, and operational status.

For diagnostics: `display transceiver diagnosis interface` This provides real-time digital diagnostic monitoring (DMM) data including temperature, voltage, and current.

General Notes

Vendor Certification: Using non-certified modules may prevent full information retrieval and affect performance.

Prerequisites: Log in to the switch with appropriate credentials (default for Cisco is `cisco/cisco`) and access privileged EXEC mode.

Supported Modules: Ensure the optical module supports DOM/DDM to view detailed diagnostics; unsupported modules may show limited or no data. By following these steps, you can monitor optical module health, verify compatibility, and troubleshoot connectivity.

Article Content

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

Optical Transceiver Manufacturer,How To Check

Optical module identification and status monitoring are essential daily tasks for network engineers maintaining Cisco switching systems. This guide

How to view the optical module DDM information?

DDM provides detailed information about the optical module's performance and status, allowing network administrators to monitor and troubleshoot network issues. In this article, we will

Products

Suitable products? Explore our product groups by drilling down and setting filters.

Displaying Optical Module Information

Context If an optical module on an interface is faulty, you can run the display commands to view information about the optical module.

How To View Port Status And Optical Module

Optical modules work on the switch usually need to read the internal information of the module to understand its working status, such as module

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

Optical modules work on the switch usually need to read the internal information of the module to understand its working status, such as module connection and real-time collection of light,

Photonics

Photonics Spectra is a global photonics resource and magazine with news, products, research, and applications covering optics, lasers, imaging, and sensing.

Displaying Optical Module Information

Displaying Optical Module Information Context When the optical module on an interface is faulty, you can run the display commands to view information about the optical module. Related Information

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

Optical Transceiver Manufacturer,How To Check

This guide provides complete, step-by-step CLI commands to view module type, DOM/DDM diagnostic data, vendor details, and compatibility

How to check SFP Module transceiver, Vendor name & power check

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 details for a specific network interface.

How To View Optical Transceiver Information On

Optical transceivers can be used on switches, routers and network adapters (fiber network cards). Special commands are applied to check

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

How to View Optical Module Status on a Cisco Switch

In this Cisco Tech Talk, learn how to view the optical module status on a Cisco switch using the Command Line Interface (CLI). This video

How To View Optical Transceiver Information On Network

Special commands are applied to check transceiver data on switches, and Linux systems also support reading transceiver information on network cards. We connect Moduletek SFP-10G-LR

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 utility provides the current information for

View the Optical Module Status on a Switch through the Command

This article provides instructions on how to view the Optical Module Status on your switch through the Command Line Interface (CLI). The Cisco Small Business Series Switches allow you to plug in a

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

This document uses the Moduletek SFP-10G-LR-BIDI optical module installed on an Extreme X690-48x-2q-4c switch as an example to demonstrate how to view port status and optical

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What happened to the old Ziddu BlockChain and File

We thought to share this information due to a large number of emails from previous users that keep asking us what happened to the old website. Ziddu - Free File

Displaying Optical Module Information

Displaying Optical Module Information You can use the display commands to view information about the optical module on an interface, including conventional information, manufacturing information, and

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 their optical modules to connect fiber-optic cables. Once the transceiver and

Contact Us

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