

How to get the optical module from the switch



Overview

Run the following command to view detailed identification information of the optical module: `get switch modules detail` The output includes module type, package style, transmission distance, serial number, vendor information and other data programmed into the optical. Run the following command to view detailed identification information of the optical module: `get switch modules detail` The output includes module type, package style, transmission distance, serial number, vendor information and other data programmed into the optical. 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 metrics like optical power and temperature. Additionally, identifying module information helps detect coding. Removing an SFP module from a network switch may appear simple, but improper handling can damage the transceiver, the switch port, or even the fiber interface. 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. 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 what the numbers mean, and compares OEM (Cisco) vs third-party modules so you can pick the right SFP module supplier for reliability and cost. This guide provides complete, step-by-step CLI commands to view module type, DOM/DDM diagnostic data, vendor details, and compatibility information, fully compliant with Cisco IOS and IOS-XE command standards. Optical Module Link Status Run.

Article Content

Arista Announces XPO High Density Liquid Cooled Pluggable Optics

“The XPO module is a breakthrough for AI data centers delivering 4X the front panel density compared to OSFP, while preserving the configurability and serviceability of a pluggable

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How To View Port Status And Optical Module Information In ARUBA

The following is an example of accessing ARUBA 6300M JL662A switch with Moduletek SFP-25G-SR (ARUBA-compatible) optical module to show you the specific operation of reading the

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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

Linear Pluggable Optics Module Adaptation for a 102.4 Tbps Switch

We established a simulation model for the linear switch system and experimentally validated LPO module adaptation for a 102.4 Tbps switch with insertion loss exceeding 39 dB. The measured BER

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Co-Packaged Optics (CPO)Co-Packaged Optics (CPO)

Traditional pluggable optical modules are increasingly constrained by signal loss, power consumption, and latency because they require long electrical traces

Teach you to read the DDM information of the optical

Today, ETU-LINK will introduce how to query the information of optical module on Huawei switch. Next, we will introduce the query instructions of

How Industry Collaboration Fosters NVIDIA Co

The backbone driving optical performance in the Quantum-X Photonics and Spectrum-X Ethernet Photonics switches is their advanced

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 Cisco

Additionally, identifying module information helps detect coding compatibility between the module and the switch. The following introduces the specific operations to view the working status

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

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Co-packaged Optics: Powering the Next Wave of AI

Co-packaged optics (CPO) will play a fundamental role in improving the performance, efficiency, and capabilities of networks, especially the scale-up

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1.6 Terabits Per Second Per Port Switches to Deliver 3.5x Energy Savings and 10x Resilience in AI Factories Joint Inventions and Collaborations

Optical Transceiver Manufacturer,How To Check Optical

We will introduce how to query the information of optical module on Cisco switch. First, we need to connect to the network, and then log on to the management

View the Optical Module Status on a Switch through the Command

Learn how to check SFP module health on Cisco switches. This guide covers essential CLI commands (show inventory, DOM), fixes for "unsupported

How to Remove SFP Module from Switch Step-by-Step

Learn how to remove an SFP module from a switch safely and correctly. Step-by-step guide covering hot swap, latch types, stuck modules, and

How To View Port Status And Optical Module

We have previously covered how to read optical module information on mainstream switch brands such as Cisco, H3C and Huawei. However, Fortinet uses a

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