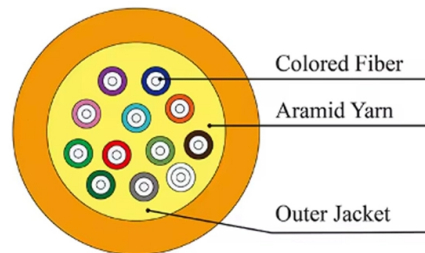


Checking the status of the optical module



Overview

Execute the following command to view detailed interface and optical module status: `show interface <interface-type> <interface-number>` Execute the following command to view detailed interface and optical module status: `show interface <interface-type> <interface-number>` 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. This article provides instructions on how to view the Optical Module Status on your switch through the Command Line Interface (CLI). This document describes the configurations of Device Management, including device status query, hardware management, Stack, SVF, cloud-based management, PoE, monitoring interface, OPS, energy-saving management, information center, fault management, NTP, synchronous ethernet, PTP. This guide gives a practical, CLI-focused workflow for checking SFP health and diagnostics on Cisco switches, shows the exact commands you'll use. Taking the Huawei 5700 series switches as an example, the commands to view optical module information are as follows: `Transceiver Type :1000_BASE_SX_SFP` `Connector Type :LC` `Wavelength(nm) :850` `Transfer Distance(m) :300(50um),150(62`. By checking module health, compatibility, and digital diagnostics, you can quickly confirm correct installation, detect optical problems, and maintain accurate hardware.

Article Content

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). The Cisco Small Business Series Switches allow you to plug in a ...

Cisco SFP Commands Cheat Sheet: Check Status & Troubleshoot ...

Learn how to check SFP module health on Cisco switches. This guide covers essential CLI commands (show inventory, DOM), fixes for "unsupported transceiver" errors, and interpreting optical power levels.

Cisco Command to Check SFP Module Details

By checking module health, compatibility, and digital diagnostics, you can quickly confirm correct installation, detect optical problems, and maintain accurate hardware inventory.

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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 ...

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 choose the right module.

Displaying Optical Module Information

S5700 and S6700 V200R024C10 Configuration Guide - Device Management This document describes the configurations of Device Management, including device status query, hardware management, ...

Mastering Cisco Optics: Understanding TX/RX Light Levels

In this guide, we will explain what optical signal strength is, how to check it on Cisco IOS using the command line, and how to troubleshoot common light level issues.

Huawei Optical Switch View Optical Module Commands

View the general, manufacturing, alarm, and diagnostic information of the specified port optical module. Table 1 Description of the output information of the display transceiver command

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 ...

Optical Transceiver Manufacturer,How to check optical module ...

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 platform of Cisco switch.

Contact Us

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