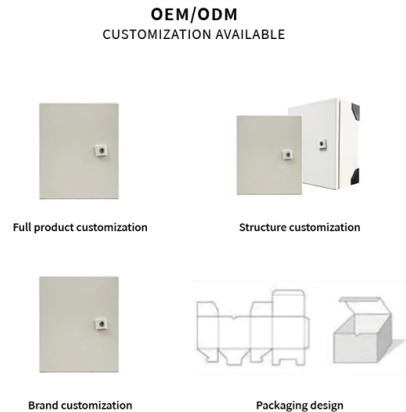


How to check the optical module of a switch



Article Overview

You can check an optical module on a switch using either the web-based utility or CLI commands to view status, diagnostics, and transceiver details.

Using the Web-Based Utility

- Log in to your switch's web interface.
- Navigate to Status and Statistics > Diagnostics > Optical Module Status (example: Cisco SG350X-48MP) .
- Select the switch and port where the SFP is installed.
- Click Go to view details such as:
- Port: Port number of the SFP.
- Description: Type of optical transceiver.
- Serial Number / PID / VID: Identification of the module.
- Temperature, Voltage, Current: Operating conditions.
- Output/Input Power: Transmit and receive optical power.
- Transmitter Fault / Loss of Signal / Data Ready: Operational status indicators. This method provides a quick overview of the module's health and helps identify link issues.

Using CLI Commands

- SSH or console into the switch.
- Run the following commands to check module status and diagnostics:
- show interface status — Confirms if the port is up and connected .
- show inventory — Lists installed SFPs with part number, vendor, and serial numbe...

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

Displaying Optical Module Information

Run the display transceiver diagnosis interface [interface-type interface-number] command to view diagnostic information about a

How to Check SFP Optical Power Levels on Cisco Switches

Learn how to monitor SFP optical power on Cisco switches, interpret Tx/Rx levels, and troubleshoot fiber link issues. Step-by-step

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

Cisco Optics-to-Device Compatibility Matrix

Cisco Optics-to-Device Compatibility Matrix Comprehensive compatibility information for Cisco optical transceivers and network

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

Contact Us

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