

Check the light reception of the switch port



Summary of Content

To check light reception on a switch port, verify the SFP module status, RX/TX power levels, and port LEDs through the switch management interface or CLI.

Using the Switch Management Interface

- Connect to the switch via a web browser or CLI using the switch's IP address (e.g., 192.168.10.1) and log in with your credentials .
- Navigate to the port status section. The interface typically shows each port's connection status:
 - Black LED: SFP module inserted but not connected.
 - Blue LED: Connection is successful.
- Check the DDM (Digital Diagnostic Monitoring) interface for SFP modules:
 - TX power: Indicates the intensity of the transmitted optical signal.
 - RX power: Indicates the intensity of the received optical signal. Values outside the normal range suggest a problem with the fiber link .
- Refresh the port status to ensure the readings are current.

Interpreting LED Indicators

- Port Status LED:
 - Off: No link or port administratively shut down.
 - Green: Link is present and functioning.

Article Content

Interpreting Port-Side LEDs

System activity and status can be determined through the activity of the LEDs on the switch. The LEDs have three possible states:

Network Port Lights Meaning: Troubleshooting Ethernet LEDs

Understand what green, orange, and blinking lights on Ethernet ports indicate. Step-by-step guide to diagnose and troubleshoot

SFP Issue: Causes, Fixes, and Troubleshooting Guide

Learn how to fix SFP issues fast: no link light, link flapping, detection errors, compatibility problems, and optical power

Troubleshoot Switch Port and Interface Problems

PDF file

Switch LEDs - Cisco

When you press the Mode button to select the STACK LED, the corresponding port LEDs will blink green for each switch. For

Understanding LEDs on Network Switches

If the port LEDs are green on all the switches in the stack, the stack is operating at full bandwidth. If any port LED is not

Troubleshoot Switch Port and Interface Problems

If you connect a good cable to two switch ports in the notconnect state, the link light must become green for both ports,

Interpreting LED activity

System activity and status can be determined through the activity of the LEDs on the switch. There are three possible LED states: no

Switch Port Configuration and Troubleshooting

When you are troubleshooting a suspected layer 1 or layer 2 problem, check the LED status indicators on the NIC at

Switch LEDs

When you press the Mode button to select the STACK LED, the corresponding port LEDs will blink green for each switch. For

2.1.1.3 Switch LED Indicators

If the LED is off, it indicates the PoE mode is not selected and that none of the ports have been denied power or placed in a fault

Contact Us

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