Debugging a Layer 3 Optical Module Switch

Optical module debugging is a critical phase in the development and deployment process. It ensures that Qualcomm-based modules perform to specification, maintain signal integrity, ...

The mlxlink tool is used to check and debug link status and issues related to them. The tool can be used on different links and cables (passive, active, transceiver and backplane). In order ...

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There are a couple of things that come to mind that may help you in your troubleshooting. First of all, you can check problems involved with routing (i.e. Layer 3). Remember that if routing is ...

In this edition of Cisco Tech Talk, I'll show you how to view the optical module status on a switch through the Command Line Interface also referred to CLI.

This article provides instructions on how to view the Optical Module Status on your switch through the Command Line Interface (CLI).

You can start a debug session by clicking the debug icon on the toolbar. If more than one debug probe is attached when a debug session is started, CCS will prompt you to select a debug probe as seen in ...

1. Document Purpose The purpose of this document is to introduce the debugging steps and commands for optical modules used with NADDOD switches, for reference by technicians and users. For any ...

The following uses the Moduletek SFP-10G-LR module connected to a Huawei S6700 switch as an example to introduce how to read information of the connected optical module on a Huawei switch.

Table 3 describes the conventions this document uses to distinguish between value types.

Run the display transceiver diagnosis interface [interface-type interface-number] command to view diagnostic information about a specified optical module. This command displays the digital diagnostic ...

This command displays the following Ethernet port distribution on DCS-7304-F switch that contains a 7300X-32Q-LC linecard as module 3: Trident 0 chip controls Ethernet 1/1 through Ethernet 16/4 (on ...

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