

The switch keeps displaying optical port topology messages



Overview

Use the Console to confirm if the corresponding port is LinkDown using the show interface status command. Use the command to reset the faulty port. This document applies to Catalyst switches that run on Cisco IOS® System Software. If the indicator light is flashing abnormally, confirm. Anybody else experiencing wacky topology views in UniFi console?

I'm new to the UniFi world, so maybe I have something jacked up in my config, but I'm experiencing some odd issues with the topology view. My network infrastructure consists of the following: UDM-SE USW-Enterprise-24-PoE with 10GbE. 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. Please select a product to check article relevancy The show fiber-ports optical-transceiver detailed. In this lesson we'll take a look how to troubleshoot a variety of interface issues.

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The switch port still sees the data but does not have to switch it (since the CAM table shows the MAC address of both devices associated with the same port), and so it is discarded.



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 ...



When the show fiber-ports optical-transceiver port detailed command is run several times without changing the status of the PowerConnect 6024 and 6024F ports, different results are displayed.



The restrict mode will keep the interface up but shows a log message on the console. Protect mode also keeps the interface up but doesn't show any console messages.



The ErrDisabled state indicates that the switch detected a problem with the port and disabled the port. This state could be caused by a flapping port or a high amount of bad frames (CRC errors), which ...



This is because the switch does not know that the connected device is a PC; the switch only knows that the port has changed the state. In order to resolve this issue, Cisco has developed ...



Check whether the optical module is a Huawei-certified one. If not, replace it with a Huawei-certified optical module. If the optical module is installed on a GE port, run the display interface ...



Almost all of the devices that are directly connected to either the UDM-SE or the switch are showing connected to via ethernet to the U6 Enterprise In-Wall APs.



If the issue is with the optical module, use a blower (e.g., a rubber bulb) or strong wind (e.g., from a fan) to blow or suck the TX and RX ports of the optical module, then test the connection status of the ...



Verify the switch port is healthy by connecting the end device with the same cable to a known working port. If the issue does not persist then the original switch port is possibly faulty, ...



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