

Ciscon7k optical module cannot communicate



Overview

1) Hardware level: Prioritize checking the physical status of optical modules, fiber optic patch cords, and device ports (such as contamination, damage, and tightness of insertion). 2) Configuration level: Verify parameter matching (wavelength, rate, mode), port status, and. Enter these commands in order to disable and reenble the diagnostic test (example if given for problem module 5): Enter the show diagnostic result module 5 test NVRAM detail command in order to see the results of the test command. If the NVRAM test fails again, reseal the module 5. Check compatibility between the optical module and switch Most switch brands have specific compatibility requirements. As core components of optical communication systems, the proper installation and use of optical modules directly impacts network stability. When you found the following. We have two new NEXUS 7706 switches to mimic what we have in another datacenter. The other datacenter nexus are running on 8.

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However, the new equipment is running 8.4 (2) and I cant get any of these modules to work. The connections are between the two 7706s and also between a pair of NEXUS 9504s. None of the ...



If your optical module isn't working properly, how to find and fix the problem? We list 5 main issues to help locate and repair network faults!



This document describes how to troubleshoot a hardware module in a Nexus 7k when it is non-responsive or intermittent.



If I have device connected to FEX, it cannot communicate with a device in another FEX that has a different parent 7k. If I am on one of the 7k's, I can communicate with any device ...



Based on typical issues encountered with optical modules in daily switch applications, this document summarizes basic troubleshooting steps for resolving common faults:



First, you compare what the system is doing with what it should be doing. Look at the chassis LEDs to see if there are any critical problems detected with the system components.



Reseat the module first in order to reinitialize the card and rerun bootup hardware sanity tests. If the diagnostics tests still show failure for the same card, replace the card.



Generally, there are two situations, one is the quality of the cable, and the second is the quality of your optical module. Both of these situations can be resolved by replacing the product.



Check the current measured value of the digital diagnostic parameters of the optical module inserted in the optical port through the command "show transceiver interfaces detail". If the ...



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Contact Us

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