

Fiber optic port on switch not working



Overview

Too many SFP pro-actively replaced while the problem lies outside the SFP or switch. To resolve this issue: Identify the node and switch port involved in the communications failure. Recently some of switches I have has been shown faulty issue on Fiber port. I have seen this kind of issue on both '3750X series and 2960X series', and issue is following: - Swithes are 48- Ethernet ports PoE + 4 Fiber ports - 3750X switch = 3/4 ports are currently plugged with Cisco GBIC module. In many. Unresponsive or non-working SFP (Small Form-Factor Pluggable) ports on Cisco Catalyst 9300 switches are a frequent challenge in enterprise network environments. Symptoms include ports showing a status of "down, notconnect" or no link light activity despite proper physical connections and basic. This article describes steps to perform when SFP/SFP+ fiber link is not coming up. Ensure that a compatible transceiver is used. We'll also share how GLGNET's standards-based SFP cages and connectors, with configurable EMI/thermal/front-panel options, can help make deployments more stable and service-friendly.

Article Content

Connectrix: How to troubleshoot Fibre Channel node to switch port or ...

This article explains how to troubleshoot Fibre Channel node to switch port or SFP communication problems by elimination.

D-link switch not using fiber optic port

We've got a DGS-1210-28P set up with two VLANs one for trusted, one for guest. The trusted connection from upstream is coming over on fiber (with a copper failover) and the unit is

Cisco 3850 full fiber switch not working with 2960x fiber ports

I have a Cisco 3850 full fiber layer 3 switch that was configured and working connected to the SFP port of the 2960x ethernet layer 2 switch which is the server farm switch. It was working

Fiber not working with unmanaged switch : r/HomeNetworking

I recently installed fiber optic internet, but I'm encountering connectivity issues when connecting it to my system. My current setup involves connecting the modem to a Netgear Nighthawk switch, which is

strange behavior with fiber optic cable

@softcake wrote: At our client switch (C2960X) the uplink-port is shown as "up". But on the aggregation switch (3750X) the port is "down". The fibre run is faulty: One side has both pairs

Troubleshoot Fiber Links on Catalyst 9000 Series Switches

Introduction This document describes how to troubleshoot fiber optic interfaces by addressing some of the fiber optic module and cabling specifications. Prerequisites Requirements

Link but no connection with fibre, where to next?

Because devices connected to Switch A are still getting DHCP and the Link light is on for the SFP port, Switch A hasn't been replaced yet.

SFP port not working : r/Ubiquiti

Force the UDM SFP+ port to 1G FDX (1000FDX) and it should work. Test the SFP modules in the other ports, SFP2 to SFP Port 11. If that does not work either, it's

Solved: fiber connection problem

Solved: Hi Friends I am trying to connect btween 2 switches on Fiber. Switch 1 - Model number: WS-C2924M-XL-EN on GBIC Port Fa 1/3 Switch 2 WS-C2960G-48TC-L on SFP port gig

SFP Issue: Causes, Fixes, and Troubleshooting Guide

SFP issues are among the most common and frustrating problems in fiber optic and Ethernet networking environments. Whether you are dealing with a no link light, intermittent

Troubleshooting Tip: SFP/SFP+ transceivers port/fiber link is not ...

FortiGate models have specific ports dedicated to SFP/SFP+ and might not work if misused. Some ports are shared (for example, RJ45 and SFP combo); only one can be used at a

New Fibre Cable Link Not Working

Hi All, We've recently had a new fibre cable installation which connects from one of our switches to another. On both switches where you'd plug the SFP module in, I can see a red light

How to Fix: Cisco 9300 SFP Port Not Working?

Troubleshoot Cisco Catalyst 9300 SFP ports not working with step-by-step CLI commands, compatibility checks, and NM-8X LED status explanations.

Solved: Fiber Port (notconnect)

The layout is like this: switch A -> fiber jumper -> cassette -> line -> cassette -> fiber jumper -> switch B. A colleague and I have tested the jumpers and the 12 physical pairs of both

Troubleshooting and Repairing Optical Transceiver Failures in

What tools are needed for SFP troubleshooting? The main tools needed will always be an optical power meter, a fiber optic cleaning kit, a visual fault locator, and access to the switch CLI

Fiber optic cable connection to switch not working

I am currently working in a project which uses a 12 core SM fiber optic cable running 40 km. Switched are connected in ring topology. Distance between two switches will be max 8 km and i

16 Tips to Troubleshoot Your Optical Transceiver Issues

Optical transceivers are delicate devices and need to be handled with care. Following the tips above can avoid many common problems and ensure

Troubleshooting Fiber Cables : r/networking

There is a single mode optical fiber cable in our datacenter going from a Cisco N5K to another N5K across different racks. The link appears to be dead and I'm hoping to fix it, but I have little to no

10 gb fiber patch panel not working, lets start with basic wiring

I had a contractor run some new fiber rated for 10 gb (nice shade of blue). I can't get it to connect on the two trunk ports. I can get two ports on the 10 gb cisco module (using sfp+) to talk to

Why Is My SFP Port Not Working? Common Issues and

In this article, we'll break down the most common causes of SFP port failures—and the practical fixes for each. We'll also share how GLGNET's

Fiber Network Troubleshooting - Common Issues & Fixes

Learn how to troubleshoot fiber networks. Identify common issues like high loss, dirty connectors, and signal drops, with practical solutions for optical

Why Is My SFP Port Not Working? Common Issues and

What Is an SFP Port? An SFP port is a modular interface found on switches, routers, media converters, and other networking equipment. It allows

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 checks.

Solved: New fiber will not come up.

However, no matter how we move the transmit/receive link, and what pairs we use, the link will not come up. Using our standard port/interface configuration of all Trunk links.

Solved: What would cause all fiber optic ports on a

It seems that the whole fiber optic controller stops working for some external cause, like there's something that troubles the controller to the point that

Fortswitch not working over fiber : r/fortinet

Topology goes: FortiGate -> 1048E Switch -> 124F Building Switches via 62.5/125 orange OM1 fiber We got a new switch (same model). Connected to same port on the 1048E that Building B switch was in

networking

Basically I am having a problem with a fiber optic cable connecting 2 switches not working, hired a professional to help fix it and in the end it is still not working. I need someone to look over...

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