

Fiber optic ports are not working after VLANs are created on the main switch



Overview

Check for link status on switch ports; ensure they are up and not in a disabled or error state. Confirm that the VLAN configurations on both ends of the link match. There are no specific requirements for this document. This includes Doppler. 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: - Switches are 48- Ethernet ports PoE + 4 Fiber ports - 3750X switch = 3/4 ports are currently plugged with Cisco GBIC module. VM connectivity is not working between VLANs, even though the VM network adapter (vNIC) shows no indication that it is disconnected. So to test this, i pushed out a new config to 2 switches, rebooted, and did a show config. In order to find and fix connectivity problems caused by Virtual Local Area Networks (VLANs), VLAN troubleshooting entails a methodical approach to examining the setup and condition of network devices. Given that VLAN issues can impede host connectivity and proper network operation, this ability is. I have a problem trying to update my 5320 switches and utilize 10gb SFP ports now that we dont have to pay for them.

Article Content

Dec 15, 2025

Fortswitch not working over fiber : r/fortinet

Also use a proper cleaning tool when cleaning fiber ends and optics. If the fiber is terminated at a panel, you could also try swapping

Sep 06, 2025

Fiber port of switch does NOT working

This is a quick video with a few tips I've picked up over the years for working with fiber connections on Cisco

Sep 21, 2025

Re: Fiber Ports Not Getting Config Correctly

My guess: You used these ports previously on the older firmware, which required a license in order to use 10G.

May 17, 2026

Managed switch in 2nd building connected to main switch stack by fiber ...

The port the WAP is connected to is tagged in VLAN ID 5 and 6. I plugged in another WAP into a managed switch connected by fiber

Dec 23, 2025

New Added Vlan on Port Channel is not showing on VPC active vlan link

Dear Community, I have two nexus switches Switch A and Switch B running as VPC. I am working by Switch profile. I

Apr 03, 2026

Troubleshooting VLAN Connectivity Issues

There can be a few different causes for VLAN connectivity issues: Incorrect configurations of the virtual portgroups

Dec 05, 2025

How to Troubleshoot Common VLAN Interface Issues | NSC

Disable Unused Ports: Disable all switch ports that are not in use, effectively reducing the number of entry points an

Jun 10, 2026

Fiber port of switch does NOT working

2960X switch = 1/4 port is currently plugged with Cisco GBIC module. - I plugged new Fiber cable with new GBIC

Jan 26, 2026

Multiple VLANs over Fiber : r/HomeNetworking

Multiple VLANs over Fiber I'm moving into a new house and one of the first orders of business will be setting up my network. I'm not

Jun 06, 2026

VLAN separation across Fiber Ports

I have a 3850-24xs Fiber switch and four c2960x 3 switch stacks with 3 fiber runs back to the Fiber switch. te1/1/1 and

Nov 08, 2025

How do you troubleshoot VLAN connectivity issues?

Check for link status on switch ports; ensure they are up and not in a disabled or error state. Confirm that the VLAN

Feb 26, 2026

Fix VLAN Misconfiguration: Step-by-Step Guide

Incorrect VLAN settings can cause traffic disruptions, unauthorized access, and inefficient network performance. This guide will help

Apr 22, 2026

Half of my main network switch has stopped working ...

Half of my main network switch has stopped working. Irritatingly I can't get to the Web interface through the remaining ports due to

Jan 06, 2026

How to perform VLAN troubleshooting

How to perform VLAN troubleshooting Common VLAN issues include physical connectivity problems, duplex

Oct 05, 2025

Solved: VLAN doesn't add port

I got it working! Even after disabling BDPU and spanning-tree on port te2/4, it wouldn't ping. I got in touch with another

Mar 13, 2026

VLANs under fortiswitch

I've created my VLANs under WiFi & Switch Controller > Fortiswitch VLANs with their IP range and Mask . I've

Feb 20, 2026

Troubleshoot Fiber Links on Catalyst 9000 Series Switches

This document describes how to troubleshoot fiber optic interfaces by addressing some of the fiber optic module and

Mar 05, 2026

Configure Port to VLAN Interface Settings on a Switch through ...

This article provides instructions on how to configure an interface VLAN as an access or trunk port on your switch

Apr 12, 2026

Fix VLAN Misconfiguration: Step-by-Step Guide

Introduction VLAN (Virtual Local Area Network) misconfiguration can lead to network segmentation issues,

Feb 24, 2026

Virtual Network (VLAN) Troubleshooting

Virtual Network (VLAN) Troubleshooting UniFi makes it easy to create and manage virtual networks (VLANs), however certain

Dec 02, 2025

Troubleshooting VLAN and Switch Problems

Learn how to troubleshoot VLAN and switch problems in the first of this two-part series by Joe Rinehart. Video Tutorial.

Nov 13, 2025

Vlans trunking fiber optic connection

Hello All, At a customer of us we have te following problem. I tried some things but it still doesn't work. There a 2

Mar 12, 2026

Solved: What would cause all fiber optic ports on a switch to go down ...

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

Feb 06, 2026

3850 VLANs and Switchports not coming up

I am trying to replace a 3750 Switch with a 3850 Switch. When I attempt to insert the 3850 into production, none of the

Sep 12, 2025

Solved: vLANs, Fiber

We have two buildings 2103 and 2080 these are currently connected by a 20Mb/s MAN. We just ran fiber and we

May 28, 2026

VLANs over fiber and FastIrons. Can someone help me out?

Hey everyone, OK, back to wireless again (after the project got pushed back a few days). This is all for wireless

Sep 09, 2025

Cisco VLAN Troubleshooting Commands And VLAN Issues

This article offers practical tips and solutions for VLAN troubleshooting, including how to verify VLAN tagging, and

Oct 01, 2025

Configuring VLANs on Cisco Switches

Master configuring VLANs on Cisco switches. Learn to configure Access and Trunk ports, and Native VLANs and Allowed VLAN

May 26, 2026

Common Problems with Inter-VLAN Routing and How to Fix Them

Troubleshoot common inter-VLAN routing problems with this guide. Learn to diagnose and fix issues like VLAN

Jul 10, 2026

Troubleshooting VLANs

CoPP for TFTP traffic only matches the TFTP connections on the ports and it does not match the concurrent data transfers that are

May 18, 2026

Solved: Vlan NOT passing through trunk port

This should be a very basic fix, but I can't seem to find the answer. I have a Cisco C2960-L switch & Cisco 1921 router.

Apr 17, 2026

VLAN Configurations: Setting and Troubleshooting | NSC

A trunk port on a switch can carry traffic for multiple VLANs, but the traffic from the native VLAN is not tagged with a

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