

Core Switch Potential Troubleshooting



Overview

Swap suspect GBIC with known good GBIC. Move the cable to a known good port to troubleshoot a suspect port or module. This document describes how to determine why a port or interface experiences problems. The information in this document was created from the devices in a specific. Network switches are essential components of modern computer networks. You can think of a switch as a smart traffic controller that ensures data packets reach their intended destinations efficiently. I'm sure I removed the correct VLANs. We already rebooted both. Network loops occur when there are multiple paths between two points in a network, leading to data continuously circulating and potentially causing significant issues such as performance degradation, unexpected port blockages, complete network outages, and device crashes. Whether you're supporting an enterprise campus network or managing industrial switches on a production floor, switch.

Article Content

Sep 06, 2025

Understand and Mitigate Network Loops (STP)

Focus on areas with third-party switches or devices that make their own mesh networks, like Sonos, as they often have misconfigurations leading to loops. Once a loop is detected, it needs immediate ...

Nov 24, 2025

What Is a Core Switch in Networking?

Unlike access switches, which connect directly to end-user devices, the core switch focuses on aggregating and routing traffic between other switches, minimizing latency and ...

Sep 27, 2025

Common Switch Issues

This guide explores the most common switch issues, the symptoms that hint at trouble, and a structured troubleshooting methodology that works in both IT and OT environments.

Mar 17, 2026

Troubleshooting Switch Connectivity Issues

Troubleshoot the connectivity issues of a switch by diagnosing the wired network. Check latency with ping test or track packets with traceroute test.

Sep 25, 2025

Troubleshoot Switch Port and Interface Problems

This document describes how to determine why a port or interface experiences problems.

May 08, 2026

Solved: New Core Switch

As soon as any VS is moving from 1 box to the other this is seen as illegal by some switches, same in VMware switches. I myself never dealt with the 9000's but this is where I would ...

Apr 23, 2026

Network Switch Troubleshooting Guide: Common Problems and ...

A comprehensive switch troubleshooting from the physical layer to the data link layer to the network layer to find out why your network switch is not working.

Apr 23, 2026

How to Troubleshoot Network Switch Issues: 4 Common Failures

Learn how to fix the 4 most common network switch failures port issues, power faults, VLAN errors & compatibility problems. Step-by-step troubleshooting guide.

Jan 04, 2026

Fix Network Switch Failure: Step-by-Step Guide

Whether using a managed or unmanaged switch, diagnosing and fixing switch failures requires a structured approach. This guide will help you troubleshoot and resolve network switch failures, ...

Jul 11, 2025

I totally fucked up our network core switch and everything is down ...

We have a pair of Dell N3224P-ON switches and today's morning my colleague gave me a task and instructions to remove some unused VLANs. I'm sure I removed the correct VLANs. When I saved ...

Contact Us

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