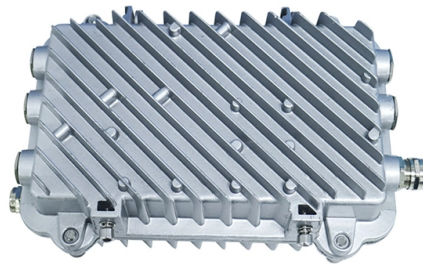


The switch cannot start PoE



Overview

If your Cisco switch PoE is not working, the most common causes are an exhausted PoE power budget, a disabled inline power configuration, physical cable faults, incompatible powered devices (PD), or a crashed PoE controller. This guide provides a step-by-step troubleshooting framework focusing on Cisco Catalyst switches (notably the 9300 and 2960 series), covering error categories, CLI commands, model-specific insights, and preventive measures. By following these methods - and using the downloadable PoE Troubleshooting. When a problem occurs with PoE, in most cases, the error symptom can be simply shown as the PoE switch not providing power, and the powered devices will stop working. To isolate the problem fast, log into the Catalyst switch and run show. This document describes how to troubleshoot Power over Ethernet (PoE) on Catalyst 9000 PoE-capable switching platforms. Check the PoE Power Budget Explanation: Ensure that.



Article Content

Dec 31, 2025

Tp link switch PoE suddenly not working : r/HomeNetworking

My switch started making notably more fan noise yesterday. Today suddenly no PoE power on any of the 4 ports where I had it enabled. Seems to be a defect. Mine is a TP-Link T1600G-28P bought

Dec 27, 2025

How to Troubleshoot PoE Issues on Cisco Switches: Catalyst 9300,

Despite its convenience, PoE can sometimes fail or behave unpredictably, causing devices to lose power, intermittently disconnect, or fail to start. This article provides a detailed, step-by-step

Dec 04, 2025

UniFi switch PoE not working: Diagnosing and fixing issues

Having trouble getting your UniFi switch to power devices? This post walks through why PoE might not be working and how to fix it. From port settings to firmware updates and power budgets, we cover

Dec 01, 2025

No power on PoE Connection

Always start with Layer 1 (the cable). It is usually the easiest to troubleshoot.
justinbryant5606 (justinbryant5606) September 11, 2018, 10:43am 12 Make sure you're using the

Jul 27, 2025

Troubleshoot Power over Ethernet on Catalyst 9000

This document describes the troubleshooting workflow for Power over Ethernet (PoE) on Catalyst 9000 PoE-capable switching platforms.

Nov 28, 2025

Troubleshooting PoE on MS switches

Overview This document aims to help provide a basic understanding of how PoE is provisioned on MS switches and some troubleshooting steps to help identify issues with PoE failure on a switch or

Dec 12, 2025

How to Troubleshoot a Poe Switch That's Not Working?

Troubleshooting a PoE switch that's not working can seem daunting, but with systematic checks and a clear understanding of potential issues, you can often resolve the problem effectively.

Sep 09, 2025

PoE Troubleshooting: The Common PoE Errors and

Common PoE faults include PoE switch not providing power, a PD powering off or reloading, and some PD powering on while others are not. Here

May 07, 2026

PoE Troubleshooting: Common PoE Errors and Solutions

Disconnect the PoE cable between the Ethernet switch port and the PD that cannot supply power. If the PD can still supply power after connecting to other PoE ports,

Sep 09, 2025

Hi all, Probably something obvious I've overlooked, but I'm out of ideas. I bought a used 24port POE Smart Switch (although I only really need "dumb" functionality), which won't actually be in

Dec 28, 2025

Industrial PoE Switches & Network Equipment | GXCOM

Leading manufacturer of industrial PoE switches, managed ethernet switches, and network equipment. 8-48 port options with PoE+/PoE++ support. Professional solutions since 2011.

Aug 12, 2025

PoE Troubleshooting: Common PoE Issues and Solutions

Check PoE Settings: Access the switch configuration and verify that PoE settings are enabled and properly configured. Firmware Updates: Ensure the switch firmware is up-to-date to fix

Apr 03, 2026

Cisco Switch PoE Not Working? Step-by-Step

Learn how to fix a Cisco switch PoE not working. Diagnose single-port failures, power budget exhaustion, and Cisco 9300 SFP port issues with this

Jul 30, 2025

Troubleshooting Common Issues in UPOE and POE+ Networks

Start by checking the power draw from devices and comparing it with the power output specifications of your PoE switch. Tools such as Power over Ethernet (PoE) testers can provide you

Nov 16, 2025

POE ports on switch not working for some.

Start a conversation Cisco Community Technology and Support Networking Switching POE ports on switch not working for some.

Dec 18, 2025

Switch 2960 POE power failure cannot start

Meraki Community Migration - Launch is Happening! Learn more here. Start a conversation Cisco Community Technology and Support Networking

Feb 03, 2026

Troubleshooting Power over Ethernet (PoE)

This guide is for troubleshooting Power over Ethernet (PoE) in the Catalyst 3750-E, 3750, 3560-E, and 3560 switch product families. Topics related to earlier PoE switches are also included.

Jun 13, 2026

PoE Troubleshooting: Common Problems and Solutions

The PoE powered switch can receive power and data from an upstream PSE (PoE switch or PoE injector) and deliver them to connected PDs. It

Jan 16, 2026

How to Troubleshoot PoE | Common Issues, Commands

Learn how to troubleshoot PoE issues on Cisco Catalyst switches. Step-by-step diagnosis for no power, intermittent resets, partial power, and

Apr 29, 2026

PoE Troubleshooting: Common PoE Errors and Solutions

How to accurately identify the source of PoE errors and minimize PoE troubleshooting time? This article will detail three common PoE faults and troubleshooting methods for Power over Ethernet.

Oct 12, 2025

PoE Troubleshooting: Common Problems and Solutions

Insufficient Power - First, check the powering switch, its power management configuration, and if it's working properly. If that is fine, then check

Dec 07, 2025

How to solve the problem of Devices not powering on via PoE?

When devices aren't powering on via Power over Ethernet (PoE), the issue could stem from various sources. Here's a systematic troubleshooting guide to help you resolve the problem: 1.

Aug 10, 2025

Troubleshooting Power over Ethernet (PoE)

Revised August 23, 2010 This guide is for troubleshooting Power over Ethernet (PoE) in the Catalyst 3750-E, 3750, 3560-E, and 3560 switch product families.

Oct 04, 2025

How to solve the problem of Devices not powering on via PoE?

Explanation: Devices may not power on if the PoE switch and the devices use different PoE standards (e.g., IEEE 802.3af, 802.3at, or 802.3bt). Solution: Confirm that both the switch and

Feb 16, 2026

PoE on switchport suddenly not working

I have a brand new c9200l-48p-4x where the PoE on the port suddenly stopped working. When I plug in a link runner, I get a link and it displays the

Dec 20, 2025

How to Troubleshoot PoE Issues on Cisco Switches: Catalyst 9300,

Learn how to troubleshoot PoE problems on your network, test if PoE is working, identify faulty PoE injectors, and check key components when power is not supplied to devices.

Sep 01, 2025

Troubleshooting Common PoE Errors and Solutions

Introduction: In a PoE power supply system, the essential components are the Power Sourcing Equipment (PSE), the Powered Device

Jan 17, 2026

POE ports on switch not working for some.

Does it work if you plug a phone directly into the switch port (meaning bypass your cable infrastructure)? If so, there could be a problem with your cable plant.

Jul 19, 2025

PoE Troubleshooting: Common Problems and Solutions

Read about the common problems in PoE and how to troubleshoot it. Versitron is the leading manufacturer of fiber optic network switches and PoE

Contact Us

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