

PoE switch has no communication



Overview

This article provides a detailed, step-by-step troubleshooting guide focusing on Cisco Catalyst 9300 switches, supplemented by general principles applicable to other models like the 2960. Power over Ethernet (PoE) is a convenient technology that enables network cables to carry electrical power, eliminating the need for additional wiring. However, PoE setups can encounter various issues. Here are some common PoE issues and how to troubleshoot them: 1. Insufficient Power Delivery. Usually the switch starts communicating after 4-5 minutes after reboot, but it doesn't happen. 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. Power over Ethernet (PoE) simplifies device deployment by delivering both data and power over a single Ethernet cable. Looks like this I also have an SG2008P v3.



Article Content

Jul 01, 2025

How do I troubleshoot problems with my NETGEAR PoE

PoE Budget A PoE switch has a PoE budget, which is the total amount of power measured in watts that the switch can supply across all active ports. For

Jul 02, 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.

Jul 15, 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

Jun 03, 2026

Power over Ethernet (PoE) switch troubleshooting

If after removing all the connections and hard rebooting the switch did not recover the PoE, then this switch may have permanent failure. Additional troubleshooting commands Trace

Oct 25, 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

Apr 10, 2026

Cannot connect to camera through PoE switch...

If I connect the camera to the PoE switch it cannot be found using a browser, IP scanner, or Dahua config tool (assuming I'm using those last two correctly, which is assuming a lot). The port

Feb 02, 2026

What should I do if my switch has no Internet access?

This article will list a few simple steps about how to do a check on the switch when the switch has no Internet access and try to solve the problem.

Aug 05, 2025

Single Switch port Provides POE but not Network

Hi I came home recently to find one of the 5 Ap's i setup last year at my parents was powered but had no connection to the controller. Looking into it further i found that while the port

Mar 13, 2026

M4100-24G-POE+ switch has no POE | NETGEAR Communities

M4100-24G-POE+ switch has no POE I have M4100-24G-POE+ switch that is working fine except for POE. I found this post with a similar issue and tried downgrading the firmware to 10.0.2.26 but Poe

Dec 24, 2025

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.

Nov 28, 2025

PoE Troubleshooting: Addressing Common Issues

This article addresses common PoE network issues, best practices for maintenance, troubleshooting tools, and real-world case studies.

Jul 09, 2025

Cisco Switch series 350 CBS350-8P-E-2G no communication with PC

In the past week there was this problem, where the switch port 10 that it was connected to the PC motherboard stopped blinking (both the switch and PC). Another PoE device was connected

Jul 25, 2025

Why my PoE powered device cannot work properly

If you have an IP Phone, IP camera or other PoE powered device but it cannot work when connected to the PoE switch, please check this article and do

Sep 27, 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

Apr 09, 2026

Power over Ethernet (PoE) switch troubleshooting

If the alarm disappears, connect all the connections back to the switch to check for the port reported PoE issue recovered. After hard reboot if the switch raises the alarm after reconnecting

Nov 27, 2025

Network jack giving Power (PoE) but no network connection? : r

Network jack giving Power (PoE) but no network connection? We have a few ports that will power on our PoE phones but it will not give it any kind of network connection. Plugged in my laptop directly into

Aug 26, 2025

PoE Troubleshooting: Common PoE Issues and Solutions

Check PoE Budget: Ensure the PoE switch or injector has enough power budget to support all connected devices. If using a PoE switch, double-check that the wattage per port is

Oct 01, 2025

How do I troubleshoot problems with my NETGEAR PoE

To be certain that the cable is not the problem, test the connection with a different cable. If a device receives insufficient PoE power from the switch,

Jul 25, 2025

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

If you're facing issues with a PoE switch that's not working, this guide will walk you through the necessary troubleshooting steps to get it operational again.

Understanding PoE Switches

Nov 19, 2025

Troubleshooting Common Issues in UPOE and POE+ Networks

Troubleshooting Common Issues in UPOE and POE+ Networks Power over Ethernet (PoE) technologies, including Universal Power Over Ethernet (UPOE) and PoE+, have become

Jul 10, 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 30, 2026

Back Button

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Oct 26, 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

Jan 15, 2026

Single Switch port Provides POE but not Network

Start eliminating things to find out where the problem is. If the switch doesn't allow a network connection on a port, it's a bad switch. What causes this? The driver chip for that group of

Jan 11, 2026

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

Nov 13, 2025

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

Mar 31, 2026

PoE on Device, but no Data

Hi, I got different PoE Devices connected to my SG3428XPP-M2 v1.20 Switch. However I got Problems with a Roombooking System which powers up

Contact Us

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