

Switch PoE Module Failure



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. Power over Ethernet (PoE) technology plays a vital role in modern network infrastructure by simplifying device deployment — delivering both power and data over a single Ethernet cable. To isolate the problem fast, log into the Catalyst switch and run show. I encountered an anomalous error on the Cisco C1300-24FP-4X switch. [16:48:34]20-Feb-2025 21:45:06 :%HAL_config_poe-C-poePowerHWFail: POE ERROR (MCU fault) was detected. 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. Your UniFi switch is up, your devices are plugged in, and everything looks good, until you realize your access point or camera isn't powering on. If you're staring at a dead UniFi device connected to a PoE port, this guide is for you.



Article Content

poe failure

Now the switch still does see the interfaces themselves. Just not for POE functionality. My only conclusion is that an ASIC has been affected and for what ever reason the ASIC that affects

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. Topics related to earlier PoE switches are

PoE Troubleshooting: The Common PoE Errors and Solutions

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 provides PoE troubleshooting lists

Cisco 9300-L 48P POST failed

Hi, Recently I purchased 9300L 24P and 48P switches. and upon installation all work fine. but after some time upon power outage some of the this switches the POE failed. up on checking the

Solved: Catalyst 1300 POE ERROR

It does not allow PoE to be re-enabled manually, and the only solution is to reboot the switch. I have tried different firmware versions, but nothing changes. The current firmware version is

SFP SFP Plus QSFP Modules: Practical Network Cabling Guide

SFP, SFP+, and QSFP module form factors explained: speed tiers, SR/LR/BiDi reach variants, mixing vendors, and why fiber links fail after installing new transceivers.

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. Po...

POE loss on Cisco 9300

We have experienced several switches losing all Power over Ethernet (PoE) functionality, which resulted in a complete loss of VoIP service within the affected building.

Cisco Switch PoE Not Working? Step-by-Step Troubleshooting

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

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

How to Troubleshoot PoE: Common Issues and Testing Steps

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

Troubleshooting Cisco Switch PoE Not Working

Learn how to diagnose and fix Cisco switch PoE issues. Check PoE status, enable PoE on ports, and troubleshoot common errors like "no PoE" or "no power to common c wire detected" to maintain

Troubleshooting Common Issues in UPOE and POE+ Networks

One of the most frequent issues encountered in PoE networks is power allocation failures. This typically occurs when connected devices require more power than the PoE switch can

Troubleshoot Power over Ethernet on Catalyst 9000 Switches

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

UniFi switch PoE not working: Diagnosing and fixing issues

Having trouble getting your UniFi switch to power devices? Step-by-step guide to fix PoE issues: port settings, firmware, power budgets.

How to Troubleshoot PoE

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.

After POE controller reset POE stops working on EX4300-MP

Description EX4300-MP switches POE ports might stop working after POE controller reset. Symptoms Observing below log message at the time of issue occurred. fpc0

Troubleshooting Cisco Switch PoE Not Working

Reliability begins with hardware. Using verified Cisco switches from Router-switch ensures predictable PoE behavior, avoiding risks from grey-market devices. 3-Year RS Care Warranty: Extended

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.

Contact Us

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