

All PoE switches went offline



AI Overview

When all PoE switches go offline, the issue may stem from power budget exhaustion, firmware/software errors, network misconfigurations, or service/backend outages.

Immediate Checks

- Power and PoE Budget:** Verify that the switches have sufficient PoE budget for all connected devices. Overloading the PoE budget can cause ports to stop supplying power, making devices appear offline even if the switch itself is operational.
- Port Status and Errors:** Use CLI commands like `show power inline` (Cisco) or the switch dashboard to check if ports are error-disabled or reporting faults.
- Firmware and Software:** Ensure all switches are running the latest stable firmware. Some PoE switches, including Meraki MS355 and HPE 1930 series, have known firmware-related PoE issues that can cause ports to go offline intermittently.
- Network and Configuration Checks**
- VLAN and IP Configuration:** Confirm that switches and connected devices are on the correct VLAN and subnet. Misconfigured VLANs can make switches appear offline to management consoles while devices remain functional.
- Connectivity to Management Services:** For cloud-managed switches (Meraki, Aruba Instant On, UniFi), verify that the switches can reach the vendor's backend. Outages in cloud services can make switches appear offline even if local traffic is unaffected.
- Cabling and PoE Mode Compatibility:** Check that Ethernet cables meet PoE standards and that the switch's PoE mode (Alternative A/B or 4-pair) matches the powered devices' requirements.

Recommended Actions

- Reboot with Caution:** If safe, reboot one switch at a time to restore PoE functionality. Avoid mass reboots in cloud-managed networks, as this can propagate issues to other devices.
- Power Cycle Devices:** For devices that remain offline, try power cycling via the switch dashboard or physically disconnecting and reconnecting the PoE connection.
- Check Logs and Alerts:** Review switch logs for error messages or port shutdown events. This can help identify whether the issue is hardware, software, or configuration-related

Article Content

PoE Troubleshooting Guide: Common Problems and

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

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.

PoE cameras offline after power outage?

Like I said in my original post, there's always been an issue with the PoE cameras coming back on line after a NVR switch off, but this normally resolves itself quickly - so wonder if it is more of

1930 Switch shows offline even when APs connected to switch show

1930 Switch shows offline even when APs connected to switch show as online Aruba M 05-29-2024 07:57 AM Have a 1930 48G PoE switch running 2.9.1. The switch is showing as "offline"

Cameras offline : r/Ubiquiti

Looking for some advice. I've got 4 G3 flex cameras up they had been swapped over to an 8 port switch for several days and worked fine. Recently all 4 went offline at the same time and I haven't been able

Unifi network problems troubleshooting

Yesterday, one of the IDF switches went offline and it had to be power cycled to get back online. Interestingly, its uplink connection (two

How to Troubleshoot PoE: Common Issues and Testing

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

Fix UniFi devices going offline after update | UniHosted

Why UniFi devices go offline after updates, how to bring them back online, and how to prevent future issues with static IPs and solid backups.

Challenging Network Issue

Before I start spending \$\$\$ replacing the admittedly crappy Google Wifi or buying a new POE Switch, I want to figure out where the actual problem is. It seems that the cameras that are

Troubleshooting Common Issues in UPOE and POE+ Networks

These scenarios will help illustrate typical solutions to real-world challenges in managing power distribution in network environments. Example 1: Overloaded POE Switch Imagine a scenario

POE Cameras going offline everyday at the same time

The issue only affects the POE cameras connected to switch B, while all the devices connected to switch A or via Wi-Fi work normally and are accessible from the outside.

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.

ALL Unifi devices offline, but still operational

All devices still remain operational. They can reach the internet and provide internet to clients. No internal issues has been discovered thus far.

Cameras just randomly show as missing connection?

It's happening to me also on the 16ch with 833As and POE Doorbell. I have them all connected to a UniFi POE switch and I have SD cards installed. When they show offline in the app via the individual

Why does my 24-port UniFi switch keep going offline?

I have been running a Unifi Pro 24 for over 2 years and I just started having this issue when I added a Ent POE switch uplinked into the SFP port. I *think* I fixed the issue by setting the correct priority on

80% of people are offline when showing online

Edit: The online/offline status seems not to be related to the actual item listings. I changed the price of an item and the trade site correctly updated the price, even though I was still listed as offline!

Anyone have issues with Unifi Enterprise PoE Switches?

We purchased 12 Enterprise (48 and 24 port) PoE Switches around March of this year to replace aging switches on our network. Everything seemed to be going well. Made sure to keep the firmware up to

8 port POE Switch keeps going offline : r/Ubiquiti

I was using 2x 8port POE switches for a year succesfully, without actually adopting/updating them. Today I decided to adopt/update them, which worked fine, but now I notice they keep going offline.

1930 Switch shows offline even when APs connected to switch show

I have the same issue today with a 1930 10 port PoE switch. Can't recommend to reboot the affected device, since when I did it, all the other connected devices inherited the same issue.

10 Best PoE Switches for Security Camera Systems (June 2026)

That experience sent me down a rabbit hole of testing different Power over Ethernet switches specifically designed for security camera systems. Finding the best PoE switches for

POE Switch Died and Killed all POE devices attached

Has anyone ever heard of a POE switch dying and killing all of the attached POE devices? I can see how this would be possible. Just curious if anyone else has experienced this. Backstory

PoE Cameras Going Offline

I get calls exactly of this nature and one of the fastest way to test if the "network" is at fault or not (cable or camera is dead) is to get a known working PoE phone and connect it to the

POE Camera Consistently Going Offline

I connected the camera to the Linksys POE switch with about 6ft of Cat5 and it still went offline after about 30 seconds. When I remove the camera from the NVR setup and just view it via IE,

How do I bring cameras back "online"? : r/UNIFI

I have 8 G5 Dome cameras connected to a USW-Pro-24-PoE switch and a NVR-Pro. All eight cameras went "offline" at the same time. I do not know how to bring them back online. Do I need to physically

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.

Troubleshooting UniFi Access Device Offline Issue

Check it in Network application > UniFi Devices > Switches > select your switch > Overview > Power Utilization. Signs of insufficient PoE: Devices randomly go offline or restart unexpectedly. If an

1 Switch went offline other didn't why?

I've found that my only S8 POE switch went down and wouldn't come back up on its own without a manual power off. It's only happened once to me so far since owning it so I haven't really

POE cameras going offline everyday at the same time

Yes, I did all these tests. My last hypothesis is a overheating problem. I didn't mention that both switches have been installed into a rack (I didn't imagine it was important) so maybe when

Every Lite 8 POE switch I've deployed malfunctions

Plugged in a POE device in a port where POE is turned off, POE powered on and stayed on, entire switch went offline (POE device is still on), switch rebooted after a minute or two, unifi config sys

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