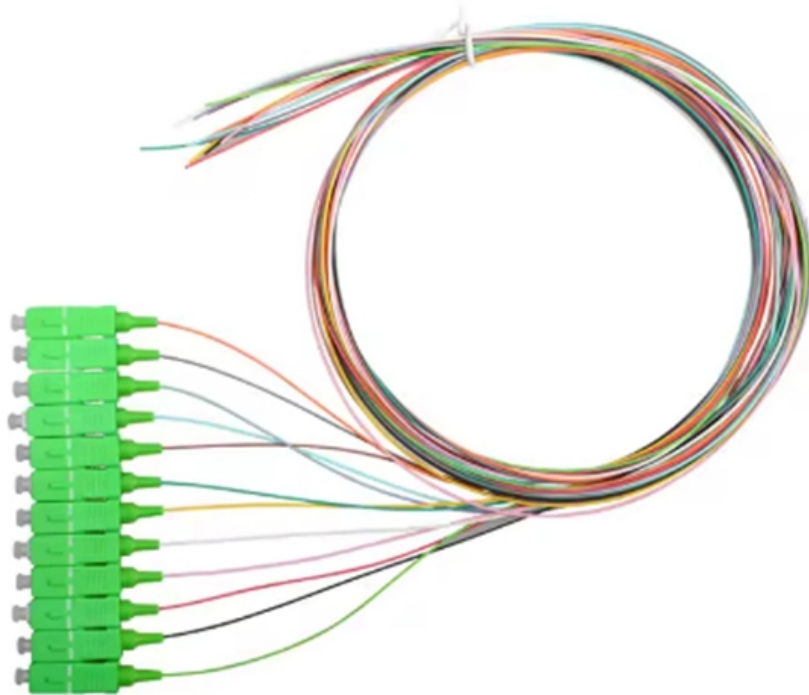


# The PoE switch was burned by lightning





## **The PoE switch was burned by lightning**

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### **Power over Ethernet and Lightning**

I've spent quite a while sorting out how to prevent lightening from taking out our switch ports. It got really, really old being up during every storm, ready to swap cables. We've finally found a

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### **Troubleshooting Common Issues in UPOE and POE+ Networks**

Network Equipment Resets: Sometimes, simply restarting your PoE-enabled switches can resolve detection issues. This reset can help re-initiate proper negotiations between the switch

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## **"USW Lite 8 PoE has exceeded its total PoE availability 52W" during**

We had a storm last night and I heard extremely loud thunder from what must have been a really close lightning strike. The power in my house never went out, but I immediately got a

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## **Understanding the Risks of Power over Ethernet (PoE)**

Use Standard-Compliant PoE Devices: Ensure that all your PoE injectors, switches, and powered devices comply with established PoE standards. This reduces the

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## **Can a miswired ethernet cable destroy a client when connected to a POE**

Not knowing this, I then attempted to wire the other side of the cable (I tried both 568A



and 568B wiring), and plugged it into my POE switch. I've now corrected the wiring issue on the

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## PoE Grounding & Lightning Protection Essentials

PoE system long-distance wiring is vulnerable to lightning surges and ground potential differences. Core protection: Build a standardized grounding

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## 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.

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## Lightning damaging Switches PoE modules

Hi, I have problems with the network devices every time there is a thunderstorm . Always suffer the PoE module of some switches, also some indoor access points and some network cards

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## networking

One of my client's sites received a direct lightning hit last week (coincidentally on Friday the 13th!). I was remote to the site, but working with someone onsite, I discovered a strange pattern of damage. Both

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## POE ports dead after lightning strike

Today we had a massive thunderstorm coming through and one lightning strike must



have hit my house or at least very close by. Lightning and thunder was without any delay and

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## **PSA for those of you who use POE equipment outdoors**

Had a lightning strike that struck a pool pole that was leaning against the corner of my house and blew a 6" x 1" divot into the concrete patio. It fried all kinds of electronics in the house including cable

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## **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

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## **Burned out Ethernet Ports?**

A plugin card will work fine for the desktop. Good luck with the 360; I don't think that being hit by lightning (figuratively) is covered by the warranty. The strangest things about my lightning

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## **Case Study: A Switch Undergoing Lightning Strikes Cannot Power APs**

If Ethernet cables between a PoE switch and APs are deployed outdoors, the power supply module of the PoE switch may be burnt due to lightning strikes. The following describes the equipment damage

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## **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

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## **Can a POE switch burn out a cable modem/router? : r/homelab**

I was trying to figure out wiring on a POE switch. The cords are hidden and I can't tell what wire goes to what. I was experimenting with unplugging and plugging them in, and I may have accidentally

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## **Thunderstorms Knock Out POE : r/Ubiquiti**

We had a lightning strike across the road from my apartment and the induced EMI definitely did something to the PoE circuitry of the switch to the point it was outputting 24v power frying whatever

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## **Lightning killed two of my switch ports : r/homelab**

When the lightning hit, my network stopped working and I was not sure why. After restarting devices, unplugging cables, etc., I noticed that the problem was between my two switches; specifically the

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## **How would a lighting strike, or power surge, effect a (POE) switch and**

How would a lighting strike, or power surge, effect a (POE) switch and connected devices? I've experienced twice now the same odd occurrence the past two back lightning storms we've had. My

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## **Burning LAN cables on non PoE switches : r/sysadmin**



I sit in my office and was wondering about a strange smell when I saw smoke coming out on one of my LAN cables in my 8 port (NON-PoE!) switch. The other side was plugged in a normal Windows tower

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## **CBS350-8P-E-2G (PoE port issues after lightning strike outside house)**

If you continue to experience issues despite of #power inline auto command on interfaces, it's possible that the lightning strike may have damaged the PoE capabilities of your

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## **Repair full burnt poe in very easy way / shortcut**

With the help of this video you can repair poe of ubnt device even if this is full burnt. with the same way you can also reepair any poe of #ubnt-power-beam

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## **Lightning just struck and fried my poe switch even though i**

FS recommends two types of 24 port PoE+ (Power over Ethernet Plus) managed Ethernet switches to provide high-quality and efficient networks: S1400-24T4F 24 port Gigabit PoE+ managed switch and

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## **POE Switch Died and Killed all POE devices attached**

About 2 years ago I had a switch die that was powering 12 IP security cameras. While the switch itself fried, the attached cameras were still OK. That seems odd that all the PoE devices were

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## **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

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## **Can a RJ-45 cable be damaged by lightning : r/networking**

We had a close-by lightning strike (hit a neighbor's backyard about 3 houses away). The lightning (I'm assuming) induced enough current in the long ethernet cable to blow up the PoE circuitry on the

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