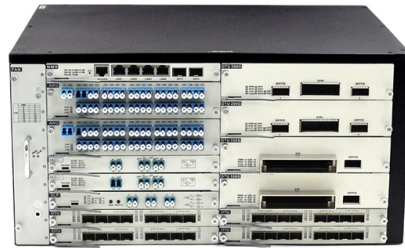


PoE switch cannot be pinged



AI Overview

A PoE switch that cannot be pinged is usually caused by IP misconfiguration, VLAN issues, port shutdowns, or PoE-related faults. Check IP Configuration and VLANs Ensure the switch has a valid management IP address and subnet mask. If the switch is on a different VLAN than your PC, pings will fail. On Cisco switches, all ports default to VLAN 1 after a factory reset, but if the management VLAN has been changed, verify that your PC is in the same VLAN . Use the switch CLI commands `show running-config` and `show vlan brief` to confirm VLAN assignments and IP settings. Verify Port Status A switch port may be administratively shut down or in an error-disabled state, preventing connectivity. Use `show interface status` and `show running-config interface` to check if the management port is active and configured correctly . Ensure that the port connecting your PC or management device is up and not blocked by security features. PoE Considerations Although PoE primarily affects power delivery, misconfigured PoE settings can indirectly impact network connectivity. For example, if the switch is overloaded or a port is misconfigured for PoE, the device may fail to initialize properly . Use `show power inline` and `show power inline detail` to verify that the switch has sufficient power budget and that the ports are delivering power correctly. Check for PoE mode mismatches (Alternative A vs. B) or unsupported powered devices, which can sometimes cause the switch to behave unpredictably . Cable and Physical Layer Checks Ensure the Ethernet cable is Cat5e or higher and not damaged. Confirm the cable length does not exceed 100 meters for standard PoE . Test the management port with a known working cable and device to rule out hardware faults. Additional Steps Ping the switch from a device in the same subnet to rule out routing issues. Restart the switch if configuration changes were made. If the switch was recently reset, verify that default credentials and IP settings are applied correctly. For persistent issues, consider connecting via console port to access CLI a...

Article Content

Switch is working but will not ping?

I found the switch port was still set to an old VLAN, changed this and made sure it had the correct default gateway. Once all the changes had been saved, the switch & pc ip addresses were

Why my PoE powered device cannot work properly when connected

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 some troubleshooting. Introduction

ethernet

Most of them can ping the server that's connected to the same switch but a couple can not. The network interface of the machine in question is up/up and seems to be configured correctly

How to Troubleshoot PoE

By following these structured troubleshooting steps, leveraging Cisco CLI tools, and maintaining good operational practices, network engineers can resolve most PoE issues on Cisco switches efficiently,

Devices communicate on network, but some catalyst switches can't be ...

My somewhat small network I built from the ground up has been otherwise healthy and devices are passing traffic okay but out of my 34 access switches 6 don't reliably ping from my monitoring

New Switch can't be pinged

Hi all, I have 3 cisco cbs-350's that are all connected to each other and can all be pinged and accessed when on the wired or wireless network (vlan2). They can also be pinged and accessed

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.

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

Devices on same switch can't ping each other : r/Ubiquiti

Devices connected to the lite 8 are all on the same vlan, but can't ping each other. They can however ping other devices on the same vlan, and the other devices can ping them. All devices are fresh

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

cannot ping the switch from pc Cisco Catalyst 1300 8 port GE Full PoE

If you perform a switch factory reset, all ports are associated to VLAN 1 and there's no default settings restricting / filtering data plane traffic. Thanks, Cristian.

VERY Confusing Situation: HP Switch and Inability to PING

Lacking any specifics, your best friend is direct substitution to narrow down the problem. If machine A can be pinged and machine B cannot be pinged, exchange their switch ports. Does the

Two computers cannot ping one another

I've got two physical computers which are connected to the same unmanaged switch. Said switch is connected to a server handing out IP addresses and acting as a gateway. This works

PoE Troubleshooting: Common PoE Errors and Solutions

Check the PoE port indicator on the PoE switch or PoE injector. If the indicator is not on, you can plug the camera into another port and try using another Ethernet cable.

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

Home Lab: Hosts on same switch cannot ping each other

They have both static set IP's (192.168.2.181/24 and 192.168.2.69/24) on the same subnet. The same is true for VLAN 1 in the switch (192.168.2.123/24). Oh and they cannot ping the

Unable to ping switch

Hi, I've got this one Catalyst switch on my network that I am not able to ping, except in rare situations (like earlier today) where it would let me. It means that I sometimes (not always) have

FS Community

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

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.

Devices on same switch can't ping each other : r/Ubiquiti

Hello ☹️ I can't figure out what's going on with a new lite 8 Poe switch. Devices connected to the lite 8 are all on the same vlan, but can't ping each other. They can however ping other devices on the same

Contact Us

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