

How to check the power of a PoE switch



Article Overview

You can check a PoE switch's power status using CLI commands like `show power inline` or with PoE testers to monitor power allocation and consumption per port.

Using Cisco CLI Commands

- Show Power Inline
- Command: `show power inline`
- Displays the PoE status for all ports, including power allocated, power consumed, and remaining budget. This is useful to see if the switch can supply enough power to connected devices and monitor overall utilization .
- Show Interface Inline-Status
- Command: `show switch interface inline-status`
- Provides a detailed view per interface, showing how much power each port is delivering and whether PoE is active .
- Show Power Inline Consumption
- Command: `show power inline consumption`
- Shows the actual power consumption of each connected PoE device, helping identify if any device is drawing more power than expected .
- Show Power Inline Savings
- Command: `show power inline savings`
- Displays power saved using features like PoE time ranges, which can turn off PoE during non-working hours

Article Content

Jan 21, 2026

How do I know if I have power over Ethernet?

Even if it is a PoE switch you can still not have power. The port could have PoE disabled in the configuration and you

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Monitoring Power output on a POE switch

We just installed 12 AP's on a Cisco 3560 POE switch which currently has 6 AP's already connected to it. The

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Any good tool to test the PoE ports on a switch?

Hello, I wanna see so the PoE ports are working well. Currently im testing the ports to a device like accesspoint and see if they start

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Power over Ethernet (PoE) User Guide for EX Series Switches

You can monitor Power over Ethernet (PoE) power consumption, both for the switch as a whole and for individual PoE

Dec 10, 2025

How to Enable PoE on Cisco Switch?

Mastering how to enable PoE on Cisco switch ensures reliable, scalable, and secure power delivery. Planning PoE budgets,

Dec 13, 2025

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

Jan 19, 2026

How Do I Check the PoE Power Supply Capability and the

For a fixed switch using pluggable power modules, such data depends on the models and numbers of power

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How to check the realtime data of the power inline consumption of a ...

The switch tracks its power budget (the amount of power available on the switch for PoE). The switch performs power

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PoE vs. PoE+ vs. PoE++: What's the Difference?

Learn key differences between PoE vs PoE+ vs PoE++. Compare power output, device compatibility, and use cases

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How Much Power Does a PoE Switch Provide

Learn how much power a PoE switch provides, including PoE power budget, wattage per port, IEEE standards, and Cisco command

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What is a PoE Power Budget and How Do I Calculate it?

Discover how to calculate and optimize your PoE power budget for efficient device performance. Master

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How to Enable PoE on Cisco Switch | Standards & Budget Planning

Summary Power over Ethernet (PoE) allows a single Ethernet cable to carry both power and data to devices such as IP phones,

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How can I test PoE?

KB08 Testing PoE Links and Switches - Knowledge Base Article #08 This article describes how to test an active PoE link to discover

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How to test the power stability of PoE switches?_Blog_Newbridge

For situations where the overall power supply is unstable, check the heat dissipation of the switch to ensure that the

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How to do a POE test?

In most environments, technicians “test” PoE by connecting the powered device (PD). If it powers up they move on to

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How to check poe on cisco switch?

Use the command "show power inline" to display the Power over Ethernet (PoE) status and power consumption of each port on the

Aug 22, 2025

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

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How to verify sufficient PoE power provided to all PoE devices ...

Plus we recently installed two SonicPoint ACe access points which use PoE. SonicWall says the ACe devices must be

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PoE Load Testing and Troubleshooting | Fluke Networks

By using these commands, you can effectively monitor and manage the PoE capabilities of your Cisco switch, ensuring

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How To Check If Switch Is POE Enabled? Easy Trick

How To Check If Switch Is POE Enabled? Easy Trick When you are planning to setup a cctv camera in

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Troubleshooting Power over Ethernet (PoE)

Step 1 Use the show power inline privileged EXEC command to verify that the switch power budget (available PoE) is

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How Do I Measure the PoE Power Supply Voltage?

How Do I Check the PoE Power Supply Capability and the Specification of Full PoE Ports Supported by a Switch? How Do I

Sep 01, 2025

How to check the power status of PoE devices?

--- A PoE tester is a small tool that you connect between the switch and the PoE device. It provides real-time

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How to Enable PoE on Cisco Switch: CLI Commands and Checks

On a PoE-capable Cisco switch port, enter interface configuration mode and use power inline auto, then verify with

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PoE Configuration Commands

The display poe-power displays information including the available total PoE power, percentage of the reserved power, power alarm

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How To Test Poe With Multimeter? Safely And Easily

How do I determine the correct pin assignments for PoE power? The correct pin assignments for PoE power depend

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What Does CLI to Show POE Status in Cisco Switch Reveal? Can Power ...

Ultimately, CLI to show POE status in Cisco switch evolves from a technician's trick to a business continuity safeguard. It exposes

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Selecting the Right PoE Switch and how to use PoE Switches

With a multitude of PoE switches available on the market, choosing the right one can be difficult. The original PoE standard was

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