Industrial Switch Reboot



Overview

In industrial automation, a switch reboot is not just a small network problem. It can interrupt PLC communication, disconnect IP cameras, stop data transmission, trigger machine alarms, and...

Key Takeaways

Rebooting an industrial switch restarts the device to apply changes, while a factory reset restores default settings and clears configurations. Rebooting an Industrial SwitchRebooting is typically used to apply configuration changes or resolve minor operational issues. Before rebooting, save the current configuration to avoid data loss, as some switches may delete the running configuration during a restart.

Common methods include: Web Interface: Log in to the switch's web-based utility, navigate to Administration > Reboot, and select the desired timing: Immediate: Reboots the switch instantly.

Scheduled Date/

Time: Reboots at a specific date and time. Delayed: Reboots after a set number of hours or days. Command Line Interface (CLI): Many industrial switches support CLI commands to reboot, which can be executed remotely or via console access.

Factory Reset

A factory reset restores the switch to its original default settings, which is useful for troubleshooting, re-deployment, or clearing forgotten passwords. Steps generally include: Backup Configuration: Save the current settings via web interface or CLI to restore later if needed. Locate the Reset Button: Most industrial switches have a small, recessed button near the power input or front panel.

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

Perform the Reset: Ensure the switch is powered on. Press and hold the reset button for 10–30 seconds, depending on the model. Wait for indicator lights to signal completion.

Optional Settings: Some switches allow you to retain management IP settings while resetting other configurations, or fully reset all VLAN and IP settings to defaults. Additional ConsiderationsModel-Specific Instructions: Always consult the switch's user manual or hardware guide for exact procedures, as timing and button location may vary. Configuration Preservation: If you need to maintain certain settings, such as management IP addresses, verify options in the web interface or CLI before performing a reset.

Po

E and Industrial Features: For PoE-enabled or industrial-grade switches, ensure connected devices are safely powered down if necessary to prevent disruption during reboot or reset. By following these steps, you can safely reboot or reset an industrial switch while minimizing downtime and preserving critical configurations.

Article Content

Why do industrial switches randomly reboot in factory environments ...

In industrial automation, a switch reboot is not just a small network problem. It can interrupt PLC communication, disconnect IP cameras, stop data transmission, trigger machine alarms, and...

How do I reset an industrial switch to factory settings?

How do I reset an industrial switch to factory settings? Resetting an industrial grade switches to factory settings is a common procedure used to troubleshoot issues, restore original

ISW Series Managed Industrial Ethernet Switch Hardware Installation

If you want to reset the configuration to default, but keep management IP settings, do the following: Check interface and IP address, and confirm only management IP setting is kept. Check interface

Unexpected Reboot of a Fixed Switch

If a device reboots unexpectedly, to find the reboot cause, you not only need to run the display reset-reason command, but also need to check the log and alarm information.

Cannot reset IE-1000 Industrial switch

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

These are reasons why you might want to reset the switch to the factory default settings: You installed the switch in your network and cannot connect to it because you assigned the wrong IP

ISW Series Managed Industrial Ethernet Switch Command Reference

This user guide describes the commands and parameters of the Command Line Interface (CLI) as implemented in the current version of ISW-Series Managed Industrial Ethernet Switch software.

Rebooting

Use the configure terminal command to enter the global configuration mode. Use the copy running-config startup-config command to save the running configuration. Use the reload command to reload

Industrial switches can restart and restore factory ...

Industrial switches usually have one-click restart and factory reset functions, which can be achieved through the device''s management interface or physical buttons.

PLC Troubleshooting: Systematic 8-Step Diagnostic Guide

On managed switches, check VLAN membership — industrial devices frequently end up on the wrong VLAN after switch firmware updates or port reassignments. For PROFIBUS /

What is the difference between a restart (warm restart), cold restart ...

If you are operating your CPU without backup battery, the CPU is automatically reset completely and then restarted (warm restart) when you switch on or power returns after a POWER OFF.

How to restart a Cisco Switch?

Restarting a Cisco switch, while seemingly straightforward, is a critical operational task demanding a clear understanding of potential impacts and best practices. Improper execution can

Modicon Redundant Switch

Issue Resetting a Modicon Redundant Switch may leave the web browser inaccessible, so it is not possible to configure the switch. Resolution This article describes how to do a full factory

Unexpected Reboot of a Fixed Switch

If a switch fails to start after a reboot, determine the cause of the problem based on the information displayed during the startup process. Most of such startup failures are caused by

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

Rebooting Switches

Rebooting Switches You can reboot a switch using the Classic Central UI. To reboot a switch, complete the following steps: In the WebUI, set the filter to one of the options under Groups, Labels, or Sites.

How to Manually Reboot or Reset a Switch

This article provides instructions on how to manually reboot or reset your switch. If you would like to use the CLI for the reset, click here to access the CLI version.

Cisco IE 4000 Switch Hardware Installation Guide

To reset the switch: Press and hold the Express Setup button (recessed behind a small hole in the faceplate) for at least 15 seconds with a paper clip or similar object. The switch reboots.

Industrial Switches with Fast Boot Time

I''ve been tasked with looking for manufacturing switches with a quickfast boot time to minimize interruption. I''ve looked at the Cisco Industrial

IE 1000 6T2T will not reset

We have two IE 1000 6T2T switches we cannot factory reset. The manual (attached) states to do the following: To reset the switch: 1. Press and hold the Express Setup button (recessed

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

Contact Us

Continue your research online:

Website: https://cgweb.co.za
Technical inquiry: https://cgweb.co.za/project-enquiry.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved