

Power off the core switch directly



Article Overview

A core switch should not be powered off directly without following proper shutdown procedures to avoid configuration loss, network disruption, or hardware issues.

Why Direct Power-Off Is Risky

Core switches are high-capacity, high-performance devices that serve as the backbone of enterprise networks, aggregating traffic from multiple distribution switches and ensuring low-latency, high-throughput data forwarding . Directly cutting power can interrupt active sessions, cause packet loss, and potentially corrupt the running configuration or the operating system of the switch . Unlike smaller access switches, core switches often handle critical routing and switching for the entire network, so an abrupt shutdown can have widespread impact.

Recommended Shutdown Procedure

- **Save Configuration:** Always save the current running configuration to the startup configuration to prevent loss of changes .
- **Graceful Reboot or Shutdown:** Use the switch's software commands, such as reload or shutdown (if available), to safely stop processes and modules .
- **Power Down Modules:** For chassis-based switches with service modules, shut down individual modules first if the system supports it .
- **Remove Power Supplies:** Once the switch has halted operations, remove power supplies to fully power off the device .
- **Backup IOS and Configurations:** For relocations or major maintenance, copy the IOS and configuration files to external storage before powering off

Article Content

Jan 20, 2026

Why is it not recommended to shut down a computer "brutally" (power ...

The power switch on modern PC supplies doesn't directly switch power, it just controls the supply. "Forced Power Off"

Jan 05, 2026

Core X ok to switch off or better to unplug TB connector?

Hi all I am using my Core X with a NUC 8th gen i5 a few times a week to play games. Otherwise I dont need the Core

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shutdown/reboot core switch

Jolin, Make sure you have taken the backup of config and ios on ftp server. Yes power off and then connect the power

Mar 09, 2026

How To Shut Down Single Switch In Stack Remotely?

Introduction This document discuss how to shutdown a single switch in stack remotely from the Telnet session in

Jun 11, 2026

CORE How to power switch off

In Suunto Core Alu Deep - 5 buttons. I clamp the them, but the clock is not turned off. Tried to press 4 - is not turned

Feb 24, 2026

how to power off?

I'm thinking about buying an in-line barrel power switch like this one from Sparkfun: I have

Aug 07, 2025

What Is a Core Switch in Networking?

Unlike access switches, which connect directly to end-user devices, the core switch focuses on aggregating and

Nov 09, 2025

Understanding Core Switch: What It Is and How to Choose the

In the realm of system networking, three key types of switches are frequently mentioned: access switches, aggregation

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Difference between a core switch and "normal" switch?

What's the difference between a Core Switch and a normal switch? I have 4 switches in a stack that everything connects to. This is

Oct 20, 2025

How to disable a CPU core in Windows?

So I have my hands on a refurbished laptop, and it has been having crashes from the start. After a very long

May 12, 2026

How to Power Off the Nintendo Switch Console

Note Once you are done playing on your Nintendo Switch system, you can choose to set the system to sleep mode. This reduces

Nov 04, 2025

How to Shut Down Your PC with a Shortcut Key: 6 Simple Ways

Quickly turn off your computer or laptop using keyboard shortcuts Do you need to shut down or restart your computer? As long as

Jan 28, 2026

How to turn off Core One??

RE: How to turn off Core One?? I don't think you can. The power supply only has the

May 09, 2026

How to power off the Switch for AutoRCM users

You can turn off the Switch without going through all that. From the dash menu turn off the system like normal by holding the power

Jul 16, 2026

How to switch off Kickr Core? : r/Zwift

How to switch off Kickr Core? Sooo I just got it. How does it switch off? Is there a button? Manual provides no info besides just

Jan 19, 2026

Disable CPU cores to save power: on Windows 10/11, Linux

To run certain applications that are not compatible with multi-core operations or to save power it may be necessary to

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What Is a Core Switch?

Explore what a core switch does, why it's essential for enterprise networks, and how to choose the right model. Includes real-world

May 02, 2026

How to Completely Turn Off a Nintendo Switch Without Using The Power ...

This tutorial shows the quickest and easiest way to power down the Nintendo Switch.

Jan 21, 2026

How to Turn Off the Nintendo Switch

The Nintendo Switch goes into sleep mode when the power button is tapped. Here are instructions on how to turn off

Jun 03, 2026

ELI5: Is it okay to turn off TV, AC and other appliances directly from ...

Generally, no. You should always properly turn off a device before cutting off its power. If it has a power button or switch, you should

Jun 24, 2026

How to Access the Power Menu (Turn Off, Restart, Sleep Mode) on ...

How to access power off, restart, or set the system to Sleep Mode on Nintendo Switch.

Mar 20, 2026

How to Power Off a Switch?

While directly unplugging a switch might work in some scenarios, it is generally not recommended. It's a bit like

Mar 24, 2026

Proper way to turn off and turn on a Cisco 2960x switch

Our company just installed a Cisco 2960x switch and we need to do a power maintenance on the coming weekend. It

Jul 19, 2026

Core Switch vs. Distribution Switch vs. Access Switch

These data switches are responsible for routing and data switching at the core layer of the network. The data routed and switched by

Feb 28, 2026

How to Turn Off Your Nintendo Switch

Although putting your Nintendo Switch to sleep is easy, powering down your Switch off completely (or restarting it)

Aug 14, 2025

Internet Connection Termination: Core Switch vs Firewall

I recently had a spirited discussion with a colleague about the best practice for terminating internet connections in a corporate

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How to Turn Off Nintendo Switch Completely (Not Just Sleep Mode)

Looking for how to fully power down your Nintendo Switch instead of just putting it in

Jul 06, 2026

shutdown/reboot core switch

we have two switches stacked together, tommorrow afternoon we will have no elecricity for 3 days, our UPS can''t last

Oct 06, 2025

Solved: Core Switch

Usually you connect end devices to the access switch, but if the access switch does not have any available ports, you

Sep 02, 2025

Nintendo Switch: How to Power Off FULLY (Not Sleep Mode)

How to fully turn off Nintendo Switch (including OLED and Lite). This is not the same as

Mar 27, 2026

Is there any way to completely turn off the Switch using a ...

Like the title says, my switch is in an awkward location and I would like to know if there's a way to turn it off completely using the

Jul 03, 2026

What is a Core Switch | Functions and Difference over Normal Switch

It is a powerful backbone switch in the center of the network core layer, which centralizes multiple aggregation

Jan 06, 2026

Internet Connection Termination: Core Switch vs Firewall

My colleague argued that internet connections should not be terminated on the core switches or internal access switches but rather

Dec 21, 2025

SME Network Solution Typical Configuration Examples

"Gateway + Core Switch + Aggregation Switch + Access Switch + WAC + AP + AR180" Networking: Local Entire Network

May 21, 2026

CORE switch : r/Undertale

I explored every area in the core, and in the last room, after the dark bridge, there's a switch. It didn't seem to do anything. Does

Jun 26, 2026

Nintendo Switch: How to Effectively Turn it Off

Nintendo Switch is easy to turn on, but there are other ways you can turn it off effectively. Even though putting your

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://iiss.co.za>

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg,
2196, South Africa

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