

Core Switch Replacement



AI Overview

Replacing a core switch requires careful planning, pre-configuration, staged migration, and a maintenance window to minimize downtime and avoid network disruptions.

Pre-Replacement Preparation

- Document the Existing Network: Map all connections, VLANs, SVIs, routing protocols, DHCP/static routes, and upstream/downstream devices such as firewalls and ESXi hosts .
- Pre-Configure the New Switch: Apply all configurations offline, including VLANs, SVIs, routing protocols, AAA/TACACS/RADIUS, and IP addresses. Triple-check interface mappings and ensure no IP conflicts with the existing switch .
- Test Connectivity: If possible, connect the new switch to a test environment or lab to verify configurations and functionality before the cutover .

Migration Strategies

- Staged Migration (Recommended for Minimal Downtime):
 - Bring up the new switch alongside the old one.
 - Shut down one SVI at a time on the old switch and bring it up on the new switch.
 - Move connected devices or VLANs gradually, verifying connectivity after each step.
 - This approach avoids IP conflicts and allows troubleshooting per VLAN or SVI .
- All-at-Once Cutover (If Downtime is Acceptable):
 - Schedule a maintenance window.

Article Content

Core Switch vs. Distribution Switch vs. Access Switch

Comprehensive guide to Core, Distribution, and Access Switches. Roles in the network and important parameters explained.

Migrating to a new core switch/router?

Our new switch solution we're doing has chassis for the core and then ToR switches in each rack with two 10Gb

serenalindquist99/server-core-switch-lab

This lab simulates a real-world enterprise network upgrade involving the replacement and configuration of core switches, port

Make My Job Easier; Core Switch Replacement : sysadmin

You're going to have people to whom "core" means the daisy chained pile of unmanaged gig switches next to the Comcast modem in

Differences Between the Core Switch and Normal Switch | FiberMall

A core switch is not a type of switch, but a switch placed at the core layer (the backbone of the network). Generally,

Replace the core switch

Hi, We are going to replace our existing core switch with a newer model, Could some one please share with me what

Best Core Switches for 2026 Enterprise Networks

Discover the top core switches for 2026 enterprise and data center networks. Compare modular, fixed, and high

Core Switch Replacements : r/networking

Core Switch Replacements I'm looking to replace my current core switch (HP A5820X (JC102A)). We've been generally happy with

Core-Switches

Core-Switches kaufen & konfigurieren. Hochwertige Markenware & erstklassige persönliche Beratung. Bei uns im Servershop.

Core Switch Refresh Recommendation

I will preface this with I am by no means a networking expert, i can fumble through the CLI for switches to get things

Install Core Switch

For example, an unidentified cabinet or unmanaged switch being found Primary option: Rip and Replace De-Rack and replace Core

What is your strategy when physically swapping switch hardware ?

We use stackable switches, and we leave a 1U gap between each switch, which also helps keep the switches running cooler. If one

Solved: Replacing Core Switch

I am migrating our core switches next weekend and was looking for some advice on the actual move itself. I am

Core Switch swap-out

I will be swapping out an old core switch, 3750 G for a new one a 3850 G. The Team Lead want's me to put together a

Core switch replacement

My current core switches (2 x Aruba 3810M) are 6 years old and limited in their connection options. Adding in SFP+

Core Switching Replacement

I am currently working on a project to replace all of the host in our datacenter and at the same time we will be

Core Switch Change

We will be swapping our existing core switch for a new one and I want to get some verification that the procedure I

Core Switch Replacement Recommendation : r/Cisco

Hi All, I am looking to replace a single Cisco 3850 serving as our core switch. Currently, there is a single Nexus 9300 connected to it,

best practise for switches replacing order?

I have cores 6500, server farm 4500 and edge switches 3xxx/2xxx. I will be replacing them with cores 9500, server

Small/medium network, replacing core switch what do I test?

Hi all We have a small/medium network and we are replacing our core switches. Management have decided to get some Dell

Solved: Migrating to new core switches | Experts Exchange

Migrating to new core switches I am intending to buy two new Cisco Catalyst 4513 switches to replace the current core

Solved: Core switch migration strategy

We have a new WS-C4507R+E to replace our WS-C4507R-E Core switch which is end of life. Both switches are on

Contact Us

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