

How to back up data on a core switch



AI Overview

Backing up a core switch involves saving the running and startup configurations to a secure location using CLI commands, remote servers, or GUI tools to ensure quick recovery and operational continuity.

Key Concepts

- Running Configuration:** The active configuration in RAM, reflecting all current changes.
- Startup Configuration:** Stored in NVRAM, loaded at boot. Saving the running configuration to startup ensures changes persist after a reboot.

Backup Locations: Internal flash, USB drives, TFTP, FTP, SCP/SFTP servers, or a local computer.

Step-by-Step Backup Methods

- Using CLI Commands**
 - Save Running Configuration to Startup Configuration:**

```
CodeCopycopy running-config startup-config
```

This ensures the current configuration is preserved in NVRAM.
 - Backup to Remote Server:**
 - FTP:**

```
CodeCopycopy running-config ftp:copy startup-config ftp:
```

Enter the FTP server IP, username, password, and filename.
 - SCP/SFTP:**

```
CodeCopycopy running-config scp:
```

Provides encrypted transfer for high-security environments.
 - TFTP:**

```
CodeCopycopy running-config tftp:
```

Suitable for LAN environments and quick backups.
- Using GUI Tools**
 - Log in to the switch's web interface. Navigate to Administration > File Management > File Operations. Select Backup File, choose the configuration type (Running, Startup, or Mirror), and select the destination (USB, internal flash, or remote server).
- Automated or Bulk Backups**
 - CLI Automation:** Use scheduled commands (e.g., Kron) where supported to automate backups.
 - Network Management Systems (NMS):** Tools like SolarWinds Orion NCM or Kiwi CatTools can automate backups across multiple switches.
 - Scripting:** PowerShell or Linux shell scripts can connect via SSH to multiple switches and retrieve running configurations for centralized storage.

Best Practices

- Regular Backups:** Schedule routine backups to minimize downtime in case of failure.
- Verify Backups:** Always check the integrity of backup files by restoring them in a test environment.
- Secure Storage:** Use encrypted protocols (SCP/SFTP) and secure serve...

Article Content

How to Backup and Restore Cisco Switch Configurations?

This professional guide provides actionable, step-by-step instructions for backing up and restoring Cisco switch configurations (covering popular platforms like Cisco IOS, IOS XE, and NX-OS) to ensure

OneUptime | The Open-Source Observability Platform

Catch outages in seconds, page the right engineer, and keep customers in the loop — one open-source platform that replaces your monitoring, incident management, and status page stack.

VMware Cloud Foundation (VCF) Blog - Home Page

VMware Cloud Foundation (VCF) - The simplest path to hybrid cloud that delivers consistent, secure and agile cloud infrastructure. Read more.

Backing Up the Configuration File

You can back up the configuration file in advance using one of the following methods: Copy the content displayed on the screen. Back up the configuration file to the storage device. Back

Automate Cisco Switch Config Backup: Routine Safeguard? Could ...

Pull the most recent automated backup, paste it into a replacement switch or roll back the faulty one, and you're back online in minutes, not hours or days. Every setting - every ...

Randex | Automated Storage & Retrieval Systems

UK suppliers of automated vertical lifts, mobile shelving, compact storage and office filing systems. Maximise space, optimise retrieval.

WORLD WIDE WEB JOURNAL Home

Internet communications tools Document preparation Computing industry Computing standards, RFCs and guidelines Computer crime Language types Security and privacy Computational complexity and

Best practices for backing up network configurations

Discover the top 5 best practices for backing up network configurations to ensure security, prevent downtime, and enable quick recovery. Learn how automation, version control, access restrictions,

Efficient Log Management with Microsoft Fabric

Data pipeline is a low code / no code tool allowing to manage and automate the process of moving and transforming data within Microsoft Fabric, a serverless ETL tool with more than 100

Zacks Investment Research

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

Introducing Exchange Online Tenant Outbound Email

We're introducing new tenant-level outbound email limits (also known as the Tenant External Recipient Rate Limit or TERRL).

How to Unlock Your Phone from a Carrier

How to Unlock Your Phone from a Carrier Ready to switch carriers and bring your phone with you? You'll need to unlock it first.

headTitleNoCommunity

Learn about 77 new offers that went live in Microsoft Marketplace, a single destination to find, try, and buy cloud solutions, AI apps, and agents to meet...

Backing Up Cisco Switch Configs – Why Risk Network Amnesia?

Mastering backing up Cisco switch configuration demands a militarized strategy, not hope. Implement these non-negotiables: First, automate ruthlessly. Deploy Cisco's Embedded ...

Cisco Switch Configuration Backup using PuTTY

This document provides a step-by-step guide on how to take a configuration backup of a Cisco switch using PuTTY. The process includes downloading the necessary software, accessing

Demo Kit

Explore SAPUI5 SDK Demo Kit for comprehensive tools, documentation, and interactive demos to develop responsive web applications with SAP's UI framework.

How To Backup And Restore Cisco Switch Configuration

This document outlines a method to back up and restore configurations of Cisco routers and switches using a TFTP (Trivial File Transfer Protocol) server. Before proceeding, ensure that a

Understand how to Backup and Restore Configuration Files

core switchMust include: data· core switchCisco Community

Backup Core switch - Cisco Community

The simple solution would be to add a second core switch as BB suggested and connect it to the first downstream 2960 (and connect it to the

Backup & Restore Cisco Router/Switch Configurations via FTP

In this tutorial, you will learn how to back up and recover Cisco switch/router configuration files (startup + running) using an FTP server. These procedures are straightforward and only consist of a few steps.

Gartner Business Insights, Strategies & Trends For

Gain strategic business insights on cross-functional topics, and learn how to apply them to your function and role to drive stronger performance and innovation.

Pluralsight Blog

Stay ahead with expert perspectives on AI, cloud, cybersecurity, software engineering, IT operations, and tech workforce trends from Pluralsight leaders and practitioners.

Contact Us

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

Website: <https://www.dknconsulting.co.za>

Email: info@dknconsulting.co.za

Phone: +31 6 2948 7351

Address: Herengracht 123, 1015 BT Amsterdam, Netherlands

This document is for informational purposes only. Specifications subject to change without notice.

