

Article 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

- o **Running Configuration:** The active configuration in RAM, reflecting all current changes.
- o **Startup Configuration:** Stored in NVRAM, loaded at boot. Saving the running configuration to startup ensures changes persist after a reboot.
- o **Backup Locations:** Internal flash, USB drives, TFTP, FTP, SCP/SFTP servers, or a local computer .

Step-by-Step Backup Methods

1. Using CLI Commands

- o **Save Running Configuration to Startup Configuration:**
copy running-config startup-config This ensures the current configuration is preserved in NVRAM .
- o **Backup to Remote Server:**
 - o **FTP:**
copy running-config ftp:copy startup-config ftp: Enter the FTP server IP, username, password, and filename .
 - o **SCP/SFTP:**
copy running-config scp: Provides encrypted transfer for high-security environments .
 - o **TFTP:**
copy running-config tftp: Suitable for LAN environments and quick backups .

2. Using GUI Tools

- o Log in to the switch's web interface.
- o Navigate to Administration > File Management > File Operations.
- o Select Backup File, choose the configuration type (Running, Startup, or Mirror), and select the destination (USB, internal flash, or remote server), .

3. Automated or Bulk Backups

- o **CLI Automation:** Use scheduled commands (e.g., Kron) where supported to automate backups .
- o **Network Management Systems (NMS):** Tools like SolarWinds Orion NCM or Kiwi CatTools can automate backups across multiple switches .
- o **Scripting:** PowerShell or Linux shell scripts can connect via SSH to multiple switches and retrieve running configurations for centralized storage .

How to back up core switch data

Best Practices

- o Regular Backups: Schedule routine backups to minimize downtime in case of failure.
- o Verify Backups: Always check the integrity of backup files by restoring them in a test environment.
- o Secure Storage: Use encrypted protocols (SCP/SFTP) and secure servers to protect sensitive configuration data.
- o Document Procedures: Maintain a clear backup and restore procedure for disaster recovery and audit compliance . By following these methods, network administrators can ensure that core switch configurations are safely backed up, enabling rapid recovery and minimizing operational disruptions.

How to Backup and Restore Game Save Files on Nintendo Switch Better Gaming 36.7K

Quick and easy guide on how to automatically back up your Nintendo Switch save data

Don't lose your progress! In this quick tutorial, I'll show you exactly how to back up your

Automatic Save-Data Backup From the Save Data Cloud screen, you can select Settings, then move the selector to

Select the "Data Backup" option and choose the user account for which you want to perform the backup. Choose? the

How to Back Up Nintendo Switch Save Data to the Cloud If you have a Nintendo Switch Online account, you can

Learn how to move your user profile, along with all its associated save data and Nintendo eShop purchases, from one Nintendo

Steps to enable or disable island backup for Animal Crossing: New Horizons, or restore island data if your Nintendo Switch 2 or

Steps for backing up save data from a Nintendo Switch 2 or Nintendo Switch console to the Save Data Cloud service. Before you

Log in > Go to enable mode > issue a "copy tftp running-config"* command > Supply the IP address of the TFTP server > Give the

Protecting your data requires understanding what each step entails and why it's important. This detailed guide

How to back up core switch data

will take

Moving Cloud Save data between a primary Nintendo Switch and a secondary console can be a time-consuming

Core files can be saved either manually by a user or automatically at the time of the fault. If a core file is created, preserve it by

Learn how to back up your save data on the Nintendo Switch in this tutorial video.

Required help to take backup of core switch (Cisco Nexus 7000 C7009 9 slot chassis)

Important: To use the Save Data Cloud service, you must have a Nintendo Switch Online membership .

Web: <https://www.millstraining.co.za>

