

How to perform disaster recovery on core switches



Article Overview

Performing disaster recovery on core switches involves backing up configurations, implementing redundancy, and testing failover procedures to ensure network continuity.

Key Steps for Disaster Recovery

1. Backup Configurations and Data

- Schedule regular backups of switch configurations, including VLANs, routing tables, ACLs, and firmware versions.
- Use incremental backups throughout the day to minimize data loss.
- Store backups off-site or on a separate secure storage system to protect against physical disasters like fire or flood .
- Maintain a log of backup verification to ensure integrity and readiness for restoration .

2. Implement Redundancy and Failover

- Deploy redundant core switches in an active-standby or active-active configuration.
- Use stacking or clustering features (e.g., Cisco Catalyst Center) to maintain a continuously updated copy of the active switch's configuration and services .
- Configure a witness device or quorum mechanism to prevent split-brain scenarios where multiple switches incorrectly assume the active role .
- Ensure link aggregation and redundant paths are in place to maintain connectivity during failover.

3. Test Failover Procedures

- Conduct manual failover tests by switching traffic to the standby switch and verify...

Article Content

Aug 11, 2025

Architecting disaster recovery for cloud infrastructure outages

This article maps industry standard concepts around disaster recovery such as RTO (Recovery Time Objective) and

Apr 10, 2026

Creating Disaster Recovery Mechanisms Using Amazon Route 53

We'll start by outlining how AWS services provide reliability using control planes and data planes, then share high

Apr 30, 2026

Business continuity and disaster recovery

Microsoft provides business continuity and disaster recovery for production environments if there's a region-wide Azure

Jun 06, 2026

Ethernet LAN Switches Disaster Recovery

This chapter provides references and information that will enable you to recover an Ethernet LAN switch in an

Aug 01, 2025

ASH Literary

A recovering journalist and former professional camp counselor who worked her way through graduate school writing personal injury

Apr 23, 2026

Creating Disaster Recovery Mechanisms Using Amazon Route 53

In this blog post, we described three disaster recovery strategies that you can consider by using Amazon Route 53

Oct 20, 2025

tshoot02.mif

Recovering the Administrator Password If you forget the administrator password for accessing a Cisco MDS 9000 Family switch, you

Oct 10, 2025

Data Center Disaster Recovery: Essential Steps and Strategy

Ensure business continuity and mitigate risks to protect critical data effectively with a data center disaster recovery plan.

Dec 10, 2025

Run a failover during disaster recovery with Azure Site Recovery ...

Learn about the failover process in disaster recovery. If you want to fail over multiple machines, learn how to gather

Dec 12, 2025

Data Center Disaster Recovery Strategies & Processes | Cutover

Explore essential strategies, planning and best practices for data center disaster recovery, focusing on ensuring data integrity and

Nov 28, 2025

Exchange disaster recovery and data center switch over unleashed

Complete Exchange disaster recovery guide. Learn how to perform Exchange datacenter switch over, recovering

Jun 14, 2026

From Single Point of Failure to Warm Standby: A Practical Core Switch ...

Problem Statement Our network topology centered on a Fortigate Firewall as the gateway, connected to a single core

Oct 12, 2025

What is Disaster Recovery? Benefits, Use Cases, Components

Explore the guide to disaster recovery. Learn how it works, types and methods, benefits, use cases, and six critical components of a

Jun 02, 2026

Disaster Recovery Plan (DRP): Which Frameworks Require It & How

Learn the essentials of disaster recovery planning. Find templates, examples, and guidance to help your organization

Jun 01, 2026

6 steps to a successful network disaster recovery plan

Be prepared for network disasters. Follow these six steps to design a network disaster recovery plan that matches your

Jun 21, 2026

Disaster recovery options in the cloud

Disaster recovery strategies available to you within AWS can be broadly categorized into four approaches, ranging from the low cost

Apr 20, 2026

Architecture strategies for disaster recovery

This article outlines the key strategies for disaster recovery, emphasizing resilient workload design, data integrity, and

Oct 17, 2025

What is disaster recovery (DR)?

Disaster recovery relies upon the replication of data and computer processing in an off-premises location not affected by the disaster.

Jun 19, 2026

How to Design a Network Disaster Recovery Plan

Learn how to design and implement a network disaster recovery plan in six steps, using a network health and risk assessment

Dec 19, 2025

Data Disaster Recovery Plan: Steps & Strategies | Atlassian

Your data disaster recovery plan outlines how infrastructure and data will be restored after an incident, a key part of service

Feb 24, 2026

Data center disaster recovery plan template and guide

Data center disaster recovery plan template and guide Read our guide on data center DR planning, and then

Jan 17, 2026

Network disaster recovery plan

Here's how to create a network disaster recovery plan that works: 1. Achieve full risk and asset visibility. Start by

Sep 01, 2025

IT DR Plan: Recovery Procedures for IT Infrastructure

This sample template provides a general structure for the IT disaster recovery procedures related to the recovery

May 06, 2026

Disaster Recovery (Backup and Restore)

Backup and Restore Cisco DCNM and Application Data on Native HA setup Step 1 Step 2 Step 3 Perform the following task to take

Oct 18, 2025

Datacenter business continuity and disaster recovery

These plans describe roles, responsibilities, personnel safety procedures, notification criteria, escalations steps, and

Jan 31, 2026

From Single Point of Failure to Warm Standby: A Practical Core

If your network still relies on a single core switch with no fallback, this is a practical, low-complexity first step toward

May 05, 2026

Disaster recovery | FortiGate / FortiOS 7.6.0 | Fortinet Document Library

It is important to plan what to do in the event that a disaster occurs. Disaster recovery starts with a business continuity plan. This

Apr 09, 2026

Implement Disaster Recovery

Whenever an active site goes down, Catalyst Center automatically initiates a failover, completing the tasks necessary to designate

Jun 22, 2026

Free network disaster recovery plan template and guide

Organizations that do not currently have a network disaster recovery plan can download this free template for tips on

Nov 23, 2025

What is disaster recovery?

What is an IT disaster recovery plan? An IT disaster recovery plan is a portfolio of policies, tools, and processes used to recover or

Jun 26, 2026

What is disaster recovery?

Disaster recovery (DR) is the process an organization uses to recover from a security event that disrupts

May 28, 2026

Microsoft Word

Though both concepts are related to business continuity, high availability is about providing uninterrupted continuity of operations

Nov 27, 2025

Cisco Catalyst Center Administrator Guide, Release 2.3.7.x

These topics provide information about how to set up and use disaster recovery in your production environment. Key

Jul 09, 2026

A Modern Network Disaster Recovery Plan Guide

Build a resilient network disaster recovery plan. Our guide covers key strategies, risk assessment, and testing to ensure

Contact Us

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

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

Email: sales@khanimamboguesthouse.co.za

Phone: +27 64 852 1973

Address: Unit 7, Greenway Business Park, 8 Innovation Drive, Centurion, 0157, South Africa

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

