

Dual-machine backup of access switch



Overview

It offers a high availability networking solution for wireless networks, allowing users to simply configure two ACs to enable AP-based link redundancy, failover, and service switchback. This way, if one AC fails, the AP can switchover to the other AC and continue working. The following information provides a dual-link backup and AP license synchronization configuration example. This document applies to Comware-based access controllers and access points. Procedures and information in the examples might be slightly different depending on the software or hardware. To access Cisco Feature Navigator, go to <http://www.cisco.com/c/en/us/tools/cfn/>. You can configure primary and secondary backup switches (which are used if primary, secondary, or tertiary switches are not specified or are not responsive) for all access points that. Dual-link cold backup reduces the impact of an AC failure or CAPWAP link disconnection on the STAs, improving network reliability. The active and. Firewalls are often placed as protection barriers between network nodes, such as between intranets and extranets, or between private and public networks.



Article Content

Oct 28, 2025

What is the correct way to configure redundant access switches ...

What confused me is that most of the “sample network” Cisco diagrams portray redundant links from access switches to the distribution layer but did not indicate that there is

Oct 02, 2025

Configuring Backup Switches and Failover Priority for Access Points

Restrictions for Configuring Backup Switchs and Failover Priority for Access Points
switch failure detection time, you can configure the fast heartbeat interval (between the switch and the access

Jan 03, 2026

Lightweight Access Point

If the tertiary switch fails and the primary switch is still down, the access point then falls back to the available secondary switch. You can configure your wireless network so that the backup switch

May 03, 2026

WO2016150307A1

A firewall dual-machine hot spare method, device and system. The method comprises: determining, by a primary firewall, connection data required to be backed up; transmitting, by the primary...

Jul 16, 2025

Configuring Backup Link (Dual Link To Internet)

I want to configure my router for a dual link to the internet so that when one link goes down the other comes up automatically and once the primary link is restored it switches to it

Jan 19, 2026

Safety Switches Machine Safety

In addition to Explosion proof switching, and depending upon the risk assessment for the application, these switches can also be used in combination with any dual channel safety monitoring relays (or

Apr 01, 2026

Understanding Dual-Link Cold Backup

Dual-link cold backup allows an AP to set up active and standby CAPWAP links with two ACs. The two CAPWAP links allow for dual-link cold backup to work. The active and standby ACs are determined

Nov 18, 2025

Dual-Link Cold Backup Configuration

Dual-link cold backup allows an AP to set up active and standby CAPWAP links with two ACs. The two CAPWAP links allow for dual-link cold backup to work. The active and standby ACs are determined

Aug 17, 2025

073-Dual-Link Backup Configuration Examples

Introduction The following information provides a dual-link backup and AP license synchronization configuration example.

Feb 25, 2026

Automatic Transfer Switch for Primary and Backup Dual

The SYK series ATSE serves as an automatic transfer switch for both primary and backup power sources, mainly used for first level loads specified by

Feb 04, 2026

Configuring Backup Switches and Failover Priority for Access Points

You can configure primary and secondary backup switches (which are used if primary, secondary, or tertiary switches are not specified or are not responsive) for all access points that are connected to the

May 15, 2026

Lightweight Access Point

You can configure your wireless network so that the backup switch recognizes a join request from a higher-priority access point and if necessary disassociates a lower-priority access point as a means

Aug 10, 2025

Best practice for redundant access switch connections?

In our server rooms I have a stacked switch pair acting as a distribution switch for every other access switch in the room. I configured LAGs on both ends so LAG uplink ports 1 & 2 on an

Apr 14, 2026

Backup batteries and power supply for access control

Ensure continual functionality of your access control system with backup power supply. Read this guide on backup batteries and tips for installation.

Jun 20, 2026

AUTOMATIC TRANSFER SWITCH ATS MDQ2

The Moreday MDQ2 Dual Power Automatic Transfer Switch (ATS) is designed to seamlessly switch between two power sources, ensuring a continuous supply of

Feb 25, 2026

Do dual-power supply servers increase redundancy?

Data center backup power expert, Julius Neudorfer says servers with dual power supplies can help data centers achieve 2N redundancy. Learn about

Jul 24, 2025

Access Appliance with NetBackup: Long-term Retention Solution

The purpose of this document is to provide technical details to assist in understanding Access Appliance with NetBackup as a solution for long-term retention of backup data.

Mar 14, 2026

Design and Implementation of Dual-server Auto-switch Technology for

To this point, this paper analyses the working principle of host-backup switching and confirms the time of auto-switching. The characteristic of network is utilized by adding heart-beat

Apr 04, 2026

HA (High Availability): Dual Machine Backup Mechanism

In dual-machine backup mode, a Master and a Backup device work together to provide redundancy. Under normal circumstances, the Master device serves as the primary gateway. If the Master device

Mar 24, 2026

dual home servers to access-switches

hi all.. I am trying to figure out what I can do when I want to dual home a server NIC to two different access-layer switches. My design is that I want to use two L3 switches in the distribution

Jul 20, 2025

Application Scenarios for Dual-Device Backup

Multi-system backup supports two types of access topologies: direct dual-homing access through aggregation switches and dual-homing access through the ring network (semi-ring) formed by

Contact Us

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