

What to use between dual-core switches



Overview

Point-to-point links are used between each element, and Fortinet recommends using the MCLAG and dual ICLs between the core switches. How about OSPF between the CORE switches and the firewall and advertise the default route to them?

Have both CORE switches have a route via each link to the firewall and control the preferred path with OSPF cost. To establish a VSX relationship between the core switches, create a link aggregation (LAG) interface for assignment as the VSX data. The aggregation switches then send traffic from the aggregation layer to a core layer through up to 8x100-GbE links (towards two core switches) and then connect the core switches to the FortiGate devices for the core security services; the routing uses 100-Gbps links. Hence, the common. The layer 2 switches prevent over-crowding of data packets in transmission links and access devices. Further, the data packets are forwarded to the addressed group of. How to connect two switches together?

Are you looking to expand your network infrastructure and connect multiple switches together?

Connecting switches can be achieved through two common methods: cascading and stacking.



Article Content

May 18, 2026

How to determine the number of cores required when using fiber optic?

→ Stacking: If the core switch is dual-system hot standby (all working at the same time), 6 cores are sufficient (2 cores each use 2 cores, and 2 cores are redundant).

→No stacking: One switch needs 4

Apr 06, 2026

Linking of multiple Ethernet switches — cascading, stacking and ...

Now that we've explored the three primary methods of connecting multiple Ethernet switches — switch cascading, switch stacking, and switch clustering — it's time to understand which

Mar 20, 2026

Solved: Redunancy with two switches core

Hello everyone, I have a customes have just bough ttwo switches core (L3), his today diagram network is: Access Switches come to one Switch Core

Jun 28, 2025

Solved: vPC between switches

I know the following configuration is doable, but would like to confirm the version of the NX-OS. I have two core Nexus 9300 switches (A & B), and two Nexus server 9300 switches (A &

Oct 26, 2025

What is Core Switch and How to Choose□

Discover what a core switch is and learn how to choose the right one for your network. Explore key features in selecting a core layer switch. Make

May 09, 2026

Edge switch redundancy to two core switches

I want to provide best redundancy for an access switch (Cisco 3650) when connecting to two core switches (Cisco 9500 series), as show in attached

Aug 03, 2025

Understanding the Core Switch: Key Differences and Uses

Explore the core switch's role as the backbone of your network. Discover key differences, uses, and insights into layer 3 core switch technology.

Sep 07, 2025

What is a Core Switch | Functions and Difference over Normal Switch

This is done via a high-speed communication forwarding route and as a result, the core layer switch application has improved in terms of reliability, performance, and throughput. The major

May 02, 2026

Connecting multiple cisco dwitches together

What is the best approach, protocol and configuration to use when connecting 3 nx 9000 cisco switches together as core switches using fiber connects? We will eventually add edge switches.

Apr 29, 2026

Core layer | FortiSwitch 7.6.0 | Fortinet Document Library

With the use of a core layer, each aggregation switch only needs 2x100-GbE links, and the core layer is the only place where you need large numbers of 100-GbE ports.

Feb 10, 2026

Multilayer switch

A multilayer switch (MLS) is a computer networking device that switches on OSI layer 2 like an ordinary network switch and provides extra functions on higher OSI layers.

Jan 04, 2026

SMB Network Design: Core vs. Distribution vs. Access Switches

Don't overspend on network hardware. Our expert guide explains core, distribution, and access switches so you can design the right network for your SMB.

Dec 09, 2025

Recommendations: Dual Core Switch for redundancy.

Have both CORE switches have a route via each link to the firewall and control the preferred path with OSPF cost. Also add a trunk group ether

Jun 19, 2026

Single vs Dual Fiber Media Converters (2025): A/B

In real networks such as campuses, factories, metro POPs converters let you reuse existing switches and still run fiber for long distance, EMI immunity,

Mar 17, 2026

Network design principles | Switching Reference Architecture Guide

As you add more switches to a floor, you must keep in mind the distribution of the uplinks across switches, and the impact on oversubscription during failure. For access points that are dual attached

Jul 11, 2025

Core switches between 2 data centers

Existing data center has 2 X Cisco 6500 series core switches, new data center has 2 X Cisco nexus core switches. For the connection between 2 data center, it will be using leased line. To

Apr 10, 2026

Can I run two ethernet cables between two switches, for ...

Hi all, I'm running an ethernet cable between two rooms. One of them has my modem and a wifi access point (which can act as a switch). The other room also has a wifi access point (which can act as a

May 31, 2026

Differences Between the Core Switch and Normal

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

Apr 19, 2026

Connecting two core switches : r/networking

Whats the best way of connecting two different end points like in my case Office and LAB environment? Keep them separated as much as possible and definitely don't connect them at layer 2. I would only

Nov 20, 2025

How to configure two Core switches in a network with intervlan routing ...

Dear All, Hi Friends, i have two 3750 switches. I configured intervlan routing between three vlans which are vlan11,vlan12, and vlan13 in Core Switch1. These three vlans are communicate each

Feb 15, 2026

Dual Core Design

Hope you are good buddy..Dual Core design is quite deep. Its not just two core routers. it can be 2 core routers connecting to 2 core switches which are then interconnected with the layers below. You can

Oct 08, 2025

2 locations, 2 core switch stacks, fibre in between, equal cost load ...

This is a collapsed core topology with core and access switches, split over 3 blocks (fibre connections between), one core switch/stack is in block B and the other in block C, with access

Aug 28, 2025

should core switch be stacked

Stacking turns multiple switches into a single unit for management and provides improved throughput across the switches. Does the core connect to a disti layer or collapsed backbone or

Jul 30, 2025

Understanding Core Switch: What It Is and How to

In the realm of system networking, three key types of switches are frequently mentioned: access switches, aggregation switches, and core switches.

Jan 21, 2026

Dual-Core vs. Quad-Core CPU: What's the Difference?

This article compares dual-core and quad-core CPUs and lists the key differences between them. See usage examples and choose the right one.

Nov 12, 2025

Core Switch vs. Distribution Switch vs. Access Switch

There are different types of enterprise switches that perform various roles in these layer-based or hierarchical ethernet networks. This white paper introduces the

Apr 08, 2026

Two-Tier Core

In a Two-Tier architecture, the core switches provide IP gateways to downstream hosts, route traffic between data center hosts in different subnets, and route traffic between the data center

Nov 18, 2025

Solved: Link aggregation to 2 core switches

Hi guys, We're planning to purchase 2 x WS-C3750G-12S-E core switches and a WS-C2960G-48TC-L access switches. I'd like to know, is it

Dec 28, 2025

How to Connect Two Switches Together: A Comprehensive Guide

Are you looking to expand your network infrastructure and connect multiple switches together? Connecting switches can be achieved through two common methods: cascading and

Jun 28, 2025

FS Community

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

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