

# Two networks of core switches



## Overview

Yes, it is possible to have two core switches with the same SVIs (Switched Virtual Interfaces) configured. My plan is to configure 2 uplinks on the 3650, one to each core switch. Engineered to aggregate massive volumes of data from distribution switches, it provides ultra-low latency and maximum throughput to ensure uninterrupted routing and packet. This is a critical factor to consider with the introduction of more and more wired and wireless devices connected to the networks, the newest WiFi 6E (802. 11ax) spectrum that could potentially offer multigigabit access to a single network access device, and even the adoption of access ports for end. Office network and Test Lab network is connected via point to point link. As Edge core is connected to switch so I am thinking about connecting Edge core direct to cisco router because I dont. It is a powerful backbone switch in the center of the network core layer, which centralizes multiple aggregation switches to the core and implements LAN routing.



## Article Content

Oct 15, 2025

What Is a Core Switch?

Explore what a core switch does, why it's essential for enterprise networks, and how to choose the right model. Includes real-world applications and Cisco/Huawei/Aruba model comparison.

Jun 14, 2026

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

They state: "Core switches shall be linked with 2x 1Gbps links bonded into a standard compliant Etherchannel" "Uplinks between access and core switches shall be non-blocking - for

Dec 26, 2025

Network design principles | FortiSwitch 7.6.0 | Fortinet Document Library

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

Feb 27, 2026

Core Switches: The Pillar of Network Infrastructure

Get a closer look at core switches: the nerve centers of network infrastructure that enhance performance and facilitate growth.

Sep 16, 2025

9 Query Commands for Huawei Switches

In the modern network environment, switches, as the core equipment of the network, are responsible for key tasks such as data forwarding, traffic

Sep 29, 2025

Core Switch Explained: Key Functions and Benefits

Core switches sit at the heart of a network's structure. In smaller networks, you usually find one core switch, sometimes two for backup. They are essential for moving data through the

Dec 29, 2025

What is optimal way to connect two core switch/routers

We have two 4507s at our core, running HSRP. We have three other 4507s at the edge, plus eight 2950s. All edge switches and WAN routers are connected to both core 4507s. We have a Port-Group

Nov 11, 2025

LANCOM Tech Paper Two-Tier and Three-Tier Switch Architectures

1) Core switches Core switches represent the heart of the network and are the top layer of a three-tier network. With its high throughput, a core switch mainly handles non-blocking switching tasks on layer

Nov 01, 2025

Connecting two core switches : r/networking

Office network and Test Lab network is connected via point to point link. Both Office and Lab network have switches in spine (access layer) where servers or desktops are connected.

Nov 16, 2025

Connecting two core switches : r/networking

As Edge core is connected to switch so I am thinking about connecting Edge core direct to cisco router because I dont see a point connecting to the switch as there is no filtering via firewall happening. I

May 26, 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 03, 2026

What is a Core Switch

The access layer is the section of the network that directly deals with users' network connections or access, while the distribution layer or aggregation layer is the part of the network that

Sep 02, 2025

What Is a Core Switch? Network Backbone Architecture Guide

A collapsed core architecture is a streamlined two-tier model where the functions of the core and distribution layers are physically merged into a single, powerful switch.

Dec 18, 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.

Jul 28, 2025

Core Switch

A simplified Helios topology model consists of 64 pods, each with 1024 hosts and two core switches; one for optical circuit switching and the other for packet switching.

Mar 29, 2026

What is a Core Switch

Network aggregation switches, on the other hand, connect many networks over a single link. As a result, it increases the network's bandwidth. This article explained the question of what is

Jun 03, 2026

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

Jul 05, 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.

Aug 07, 2025

Edge switch redundancy to two core switches

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

Jan 17, 2026

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

Jun 27, 2025

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

In star topology, all switches in a network connect to a central "core" switch. Any communication between two switches in a star network is controlled by this central switch.

Nov 06, 2025

### Features and Applications of Core Switches

With high performance, large capacity, and high reliability, Core Switches offer a wide range of features and play a crucial role in enterprise networks, data centers, and large-scale

Mar 28, 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

Aug 30, 2025

### Core Switch vs Normal Switch: Key Differences Explained

While both core and normal switches play crucial roles in maintaining efficient data flow, their functionality and applications vary significantly. This guide

Sep 19, 2025

### Core, Aggregation, or Access Switches? Choose the

Discover the crucial differences between core, aggregation, and access switches. Find out which type can best transform your network's

Apr 05, 2026

### Core Switch vs. Distribution Switch vs. Access Switch

These data switches are responsible for routing and data switching at the core layer of the network. The data routed and switched by the core switch is carried

Oct 24, 2025

### Solved: 2 core switches with same SVIs

Yes, it is possible to have two core switches with the same SVIs (Switched Virtual Interfaces) configured. This setup is commonly known as an HSRP (Hot Standby Router Protocol) or

Nov 12, 2025

FS Community

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

Jul 25, 2025

What Is a Core Switch in a Network?

Define the core switch—the central, high-speed backbone required for aggregating and routing massive volumes of enterprise network traffic.

## Contact Us

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