

Two core switches achieve interconnection



Overview

Switch cascading is a traditional method to interconnect multiple Ethernet switches. Among the various topologies, daisy chain and star are the most. I need to connect two Cisco C4500X, using a 1000BaseLH transceiver. Each core switch manage its own VLANs. In this guide, we will explore these two approaches and provide you with the necessary details to make an informed. Can I setup HA (Active/Passive) on a Fortigate 70F or 80F over a VLAN between these two sever/network-rooms over the core-switches instead of directly interconnecting the heartbeat interfaces?

The last thing we want is issues like a split brain. 2 core switches have connected 2 distribution switches, which serve network for end clients. Sometimes, one switch is not enough to meet our needs, whether in terms of port number, specific functionalities, or both.

Article Content

Using Eth-Trunk to Connect Two Access Switches to a Core Switch

Using Eth-Trunk to Connect Two Access Switches to a Core Switch As shown in Figure 3-11, access switches SwitchB and SwitchC of the data center connect to core switch SwitchA. SwitchB and ...

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

Switch cascading is a traditional method to interconnect multiple Ethernet switches. This technique involves various network topologies and allows users to configure and manage each switch...

L3 or L2 Link between Core Switches

You can keep a routed interconnection between your core routers to carry the core-to-core traffic, and at the same time, you can have the VLAN and SVIs created for your cluster.

Core Switch

For example, it is possible for a pair of network interface cards (NICs) to be dual-homed into a pair of access switches (using NIC teaming), and then one can use MC-LAG to interconnect the access ...

How to Connect Two Switches Together: A Comprehensive Guide

Connecting switches can be achieved through two common methods: cascading and stacking. In this guide, we will explore these two approaches and provide you with the necessary details to make an ...

Interconnecting two core switches

Using more than one physical link is the obvious choice; most people are careful enough to use at least two linecards, but the true magic begins when you start considering the bandwidth ...

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.

Network with inter vlan routing

I would recommend using OSPF, and have all of the transit interfaces between the switches and routers in a single VLAN. Or put a router into one VLAN and the other router into a ...

Fortigate HA over two internal switches (two core setups)

You can configure HA (Active/Passive) on a FortiGate 70F or 80F using a VLAN over your core-switches. While this is less conventional than a direct connection, it's feasible provided the ...

How to interlink switches

Connect the servers and services (such as internet gateway) to this central switch, and then connect the other switches to it. The idea is to have as few hops between the users and the ...

Solved: interconnecting two core switches

Yes, I'm connecting a pair of switches configured in VSS mode to another pair of switches configured in VSS mode. I need to establish connection between these switches for routing ...

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