Bridge connection of two core switches



Overview

To establish a VSX relationship between the core switches, create a link aggregation (LAG) interface for assignment as the VSX data plane's inter-switch link (ISL). The LAG can be defined at the Central UI group level when using the same ports for the VSX ISL on both core. In this lesson, we examine the network devices that operate at Layer 2 of the OSI model. Hub, Bridge, and Switch. I need to connect two Cisco C4500X, using a 1000BaseLH transceiver. Each core switch manage its own VLANs. This function is called network bridging. Bridging is distinct from routing. Operating at the data link layer (L2) of the OSI model, a network bridge transparently connects two or more network segments, allowing them to function as a single network.

Article Content

Hubs, Bridges and Switches | NetworkAcademy.IO

Learn how Layer 2 network devices evolved from hubs to modern switches, and how they manage traffic, reduce collisions, and scale in enterprise networks.

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

Solved: STP working on core switches

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

Basically, that root bridge''s L2 domain, should block until it resolves the new loop free topology based on the new root. How long that will actually take depends on multiple factors, and it

Network bridge

A simple bridge connects two network segments, typically by operating transparently and deciding on a frame-by-frame basis whether or not to forward from one network to the other.

Bridge in Computer Network

A bridge is a networking device that connects two or more Local Area Network (LAN) segments and enables communication between them. It operates at the Data Link Layer (Layer 2) of

Bridging Multiple Network Interfaces on Windows

Two network interfaces can be bridged in Windows using the classic Network Connections control panel (ncpa.cpl). Select two (or more) network

Core layer | FortiSwitch 7.4.0 | Fortinet Document Library

With 8x100-GbE QSFP28 slots per FortiGate unit, it provides enough capacity to directly connect with 2x100-GbE ports to each of the two core FortiSwitch units at a nonstop forwarding capacity of up to

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

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 SwitchC connect to many users, and SwitchA connects to the external

Two-Tier Core

Configure Two-Tier core switches as a VSX pair for Layer 2 aggregation of the data center access switches, IP data center services, and routing to the main campus.

Switching-Lab6.ppt

Bridges/LAN switches A bridge or LAN switch is a device that interconnects two or more Local Area Networks (LANs) and forwards packets between these networks.

3.1: Switching and Bridging

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

3.1 Switching and Bridging 3.1 Switching and Bridging In the simplest terms, a switch is a mechanism that allows us to interconnect links to form a larger network. A switch is a multi-input, multi-output

Connect 2 switches together through Access port or Trunk

Hi Everyone, We need to connect 2 switches together and have 2 options for them:- 1. Use access port on both sides 2. Use trunk port on both

Designing a redundant switching infrastructure

Do we connect the two CORE switches via Fibre (meaning we can only use one fibre connection from stack C to the core) or just use 1GBe Ethernet between them? Fiber or twisted pair

Core Switch vs. Distribution Switch vs. Access Switch

Comprehensive guide to Core, Distribution, and Access Switches. Roles in the network and important parameters explained.

Best Way to Connect Multiple Switches

How to connect multiple switches in a network with clear steps and tips for effective setup and configuration.

What Is a Network Bridge, and Should You Use One?

A network bridge is a hardware device that can expand a local area network by connecting multiple networks or allowing more devices to connect to a single network than would

How To Connect Two Switches Together In a Network

Switches are typically used in local area networks (LANs) and they allow multiple devices to communicate and share resources. There are three main types of switches - unmanaged,

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

Contact Us

Continue your research online:

Website: https://fdsoluciones.es
Technical inquiry: https://fdsoluciones.es/project-enquiry.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved