

How to configure the gateway between the aggregation and 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. Aggregation and access devices downstream to the core layer can automatically go online through Zero Touch Provisioning (ZTP). This section describes three automatic deployment modes, which can be selected based on the site requirements. Import information using the network plan template. 01 | First, Let's Clarify: What Is a Gateway's Purpose?

Simply put: A gateway serves as a. This chapter covers the design recommendations for a data center design deployment consisting of a Cisco Nexus® 7000 Series Switch at the aggregation layer and a Cisco Nexus 5000 Series Switch at the access layer. The content of this chapter focuses on the aggregation layer design with the Cisco. An aggregation switch is a network device that consolidates traffic from multiple access switches, wireless access points, or other edge devices and forwards it to core switches or routers.



Article Content

Nov 17, 2025

Configure Aruba Aggregation Switch :: Cray System Management (CSM)

Configure Aruba Aggregation Switch This page describes how Aruba aggregation switches are configured. Management nodes and Application nodes will be plugged into aggregation switches.

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Configuring Aggregation and Access Switches to Be Managed by the ...

Configure the core switch as the management subnet gateway of the aggregation and access switches. For details, see Configuring Aggregation and Access Switches to Be Managed by the Controller

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Port Aggregation: Boosting Throughput and Redundancy in Enterprise ...

Gateway Connection: Port aggregation between UniFi Gateways and Switches is not supported. Configuring Port Aggregation: Best Practices Use the Right Cables For maximum

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Aggregation Switch

An aggregation switch refers to a type of switch used to connect multiple ToR switches to a core switch/router in a cloud data center network. It enables high-bandwidth aggregation ports to be

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Data Center Aggregation Layer Design and Configuration with ...

This chapter covers the design recommendations for a data center design deployment consisting of a Cisco Nexus® 7000 Series Switch at the aggregation layer and a Cisco Nexus 5000 Series Switch at

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Everything You Need to Know About Aggregation Switch

Aggregation switches are the logical choice for a core switch in enterprise networks. They provide high-speed connectivity between access

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Standalone AC Solution: Aggregation Switches Function as Gateways

Core switches set up a CSS that functions as the core of the entire campus network to implement high network reliability and forwarding of a large amount of data.
Aggregation switches set up stacks to

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What Is an Aggregation Switch?

An aggregation switch sits between access layer switches and the core network, acting as an intermediary. It collects traffic from multiple access switches, aggregates it, and then forwards

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Must Gateways Be Configured at the Core? A Complete

If you've ever wondered: Can aggregation switches handle VLANIF interfaces? Will using the core as a gateway overburden it? Is it secure to place

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What Is an Aggregation Switch and How to Choose?

An aggregation switch is a network device that consolidates traffic from multiple access switches, wireless access points, or other edge devices and

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Port Aggregation Configurations

Port Aggregation Port aggregation allows you to group multiple physical ports into one unit. Port aggregation is useful for implementing load balancing and provides a redundant link backup. To

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Configuring MC-LAG in UniFi Network – Ubiquiti Help

This setup ensures minimal downtime and increased throughput by aggregating multiple links. When configuring MC-LAG, it is important to properly configure

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Datacenter Core and Aggregation Design

This design employs a pair of redundant Cisco Nexus 7010 switches on the aggregation and core layers. Virtual device contexts (VDCs) of the Nexus

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How to create Link Aggregation Groups (LAGs) on Dell

How to configure LAG Port Channel from the Web GUI To display the LAG Membership page, click Switching / Link Aggregation / LAG Membership in

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Medium Branch Switch Configuration

this section of the guide will demonstrate how to configure a Aggregation switch with dual purposes, providing power and layer 2 access to

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Understanding Switch Aggregation: A Comprehensive

QSFPTEK: How to Choose the Best Aggregation Switch?: This source provides a comprehensive guide on choosing the best aggregation switch,

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How To Aggregate UniFi Switch Ports

In this tutorial you will learn how to Aggregate Unifi Switch Ports on your UniFi Controller 7.0. Link aggregation is a great way to increase speed and

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Two-Tier Core

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

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Port Aggregation FAQs

To learn how to configure an MC-LAG setup, see this guide. Find help and support for Ubiquiti products, view online documentation and get the latest downloads.

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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

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What is Switch Aggregation, Its Role and Selection Advice

This article wraps up "what is switch aggregation" and suggestions for choosing an aggregation switch. By considering these factors, network administrators can make informed

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