

Add an aggregation switch



Article Overview

Switch aggregation combines multiple network ports into a single logical link to increase bandwidth, provide redundancy, and improve network performance.

What is Switch Aggregation?

Switch aggregation, also called link aggregation or port trunking, is a networking technique that combines multiple physical Ethernet connections into a single logical link. This setup provides several benefits:

- Increased Bandwidth: Multiple ports act as one, allowing higher throughput between switches or to high-performance devices like servers or NAS units .
- Redundancy: If one link fails, traffic automatically reroutes over the remaining links, maintaining network uptime .
- Load Balancing: Traffic is distributed across all aggregated links, preventing a single port from becoming a bottleneck .
- Simplified Management: Aggregated links can be managed as a single entity, reducing administrative overhead .

Types of Aggregation

- Switch-to-Switch Aggregation: Connects multiple switches to increase inter-switch bandwidth and provide redundancy .
- Switch-to-Client Aggregation: Connects a single high-bandwidth client device, such as a server or NAS, to a switch using multiple ports .

Key Considerations...

Article Content

Jun 10, 2026

What Is an Aggregation Switch and How to Choose?

Discover the role of aggregation switches. Explore differences between aggregation, access, and core switches, and

Oct 04, 2025

Data Center Aggregation Layer Design and Configuration with ...

Introduction This chapter covers the design recommendations for a data center design deployment consisting of a Cisco Nexus®

Jul 19, 2026

How to configure Link Aggregation with NETGEAR switches by Derek ...

Using the Netgear switch web administration interface to perform link aggregation between two netgear switches by

Jul 19, 2026

Everything You Need to Know About Aggregation Switch

The primary function of an aggregation switch is to aggregate and forward data from multiple network devices, such as

Jun 09, 2026

In-depth analysis: What is an aggregation switch?

As we just mentioned, the aggregation switch is like the project manager or director within the company. They need to

Aug 30, 2025

What is an Aggregate Switch?

What is the difference between an aggregate switch and a core switch? An aggregate switch consolidates traffic from

Jan 01, 2026

Configuring Link Aggregation Group (LAG) on a Switch

Article ID:2860 Configuring Link Aggregation Group (LAG) on a Switch Objective Link Aggregation Group (LAG)

Apr 11, 2026

Enhance Your Network with a Link Aggregation Switch: Benefits ...

Discover the benefits, configuration, and best practices of using a link aggregation switch to enhance your network.

Mar 14, 2026

Switch Engine v33.2.1 User Guide

Designing and Configuring the Aggregation Layer The network switches in the aggregation layer provide additional resiliency

Sep 19, 2025

What Is an Aggregation Switch?

An aggregation switch sits between access layer switches and the core network, acting as an intermediary. It collects

Mar 07, 2026

What is an Aggregate Switch?

What is an Aggregate Switch? Understanding Centralized Network Management An aggregate switch is a high

May 16, 2026

Aggregation Switch

An Aggregation or "Top-of-Rack" switch is designed to connect everything in a rack at high speeds, then have an even bigger pipe

Aug 11, 2025

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

Jan 18, 2026

The Ultimate Guide to Installing and Configuring the Ubiquiti UniFi ...

The Ubiquiti UniFi Switch Aggregation (USW-Aggregation) is a powerful, high-capacity switch, perfect for streamlining

Nov 04, 2025

Cisco Switch Port Aggregation

How to configure an etherchannel link between 2 cisco 2960 switches. The etherchannel allows to combine several

Oct 20, 2025

DO I NEED AGGREGATION SWITCH / SETUP CHECK : r/Ubiquiti

I see a ton of people adding Aggregation Switches to their setup and it never seemed to make any sense to me (overkill), but maybe

Jan 28, 2026

What Is an Aggregation Switch?

What Is an Aggregation Switch? Unveiling the Network's Backbone An aggregation switch is a powerful networking

Jun 13, 2026

Chapter18:Link Aggregation Configuration

Chapter 1 Configuring Port Aggregation This chapter describes how to set the port aggregation of the switch.

Mar 22, 2026

What is an Aggregation Switch? | Features and Practical Benefits

In terms of performance and switching speed, aggregation switches typically outperform access switches. They can

Nov 17, 2025

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

May 18, 2026

Port Aggregation Configurations

Aggregation Group ID You can either create an aggregation ID under global configuration mode or you can add a port to an

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://khanimamboguesthouse.co.za>

Email: sales@khanimamboguesthouse.co.za

Phone: +27 64 852 1973

Address: Unit 7, Greenway Business Park, 8 Innovation Drive, Centurion, 0157, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

