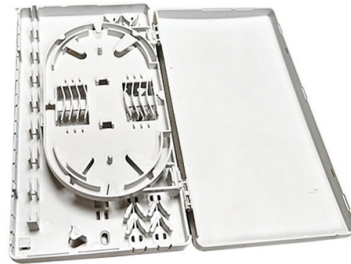


How to use the aggregation port on a switch



Article Overview

Operating an aggregation port involves grouping multiple physical ports into a single logical link to increase bandwidth and provide redundancy, using either static or dynamic (LACP) configurations.

Understanding Port Aggregation

Port aggregation, also called Link Aggregation, Port Trunking, or EtherChannel, allows multiple physical ports on a switch to act as a single logical connection. This provides higher throughput, load balancing, and redundancy in case one link fails . Aggregation can be applied in two main scenarios:

- Switch-to-Switch Aggregation: Increases bandwidth and redundancy between switches .
- Switch-to-Client Aggregation: Provides higher throughput for a single high-performance device, such as a server .

Configuration Requirements

Before enabling aggregation, ensure all ports in the group have consistent settings:

- STP (Spanning Tree Protocol): Enable/disable, priority, and cost must match .
- VLAN Settings: Port VLAN ID (PVID) and permitted VLANs should be identical .
- Port Attributes: Speed, duplex mode (full duplex only), and link type (trunk, hybrid...

Article Content

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UniFi link aggregation: the ultimate guide | UniHosted

Need more bandwidth or failover on UniFi switches? What LACP link aggregation does, which devices support it, setup and

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Understanding Switch Aggregation: A Comprehensive

: Unifi Switch Aggregation Review: This video review examines the Unifi switch

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Switch Ports

Meraki's MS switches allow for the configuration of a single port to thousands of ports through our industry-first Virtual

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Unlock Speed with Ethernet Port Aggregation Guide

Ethernet Port Aggregation bonds multiple Ethernet ports into one logical link for more speed and redundancy using

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Link Aggregation and Ethernet Bonding Feature Overview and ...

Link aggregation interfaces have names like "po1" and "sa1" depending on the aggregation method in use. Ethernet bonding is used to

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Link Aggregation Configuration

S300, S500, S2700, S3700, S5700, S6700, S7700, and S9700 Series Switches Typical Configuration Examples (V200) This

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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.

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Link Aggregation and Load Balancing

Link Aggregation member ports must operate at the same speed and duplex. It is recommended to use member ports

May 27, 2026

Link Aggregation Group

Bundles several physical ports together to form a single logical channel. Negotiates automatic bundling by sending LACP packets to

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Chapter18:Link Aggregation Configuration

To aggregate multiple physical ports into a logical channel, you can use static aggregation or LACP protocol for

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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

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Configuring Link Aggregation Group (LAG) on a Switch

Objective Link Aggregation Group (LAG) multiply the bandwidth, increase port flexibility, and provide link redundancy

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How to enable Link Aggregation (LAG) on UniFi Switches

Learn how to use Link Aggregation between UniFi switches or clients to increase bandwidth and redundancy.

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Switch Ports

To configure an aggregate, simply choose the ports to be aggregated by checking their respective boxes (under

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What is Link Aggregation (LAG) in Networking?

Link aggregation is a technique used in networking to bundle multiple physical ports on a network device to operate as a single link.

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Link Aggregation Control Protocol

Layer 2 (Data Link Layer): Groups switch ports into an aggregation set and manages MAC addressing and Ethernet

Aug 12, 2025

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

Gateway Connection: Port aggregation between UniFi Gateways and Switches is not supported. Configuring Port

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What is an Aggregation Switch? | Features and Practical Benefits

Additionally, the access switch includes user management features like address authentication, user authentication,

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Cisco Switch Port Aggregation

The etherchannel (also called port channel sometimes) technology allows to combine several physical switch ports

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Port Aggregation FAQs

Port aggregation can increase maximum throughput, and allow for network redundancy. It does this by splitting traffic across multiple

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Port Aggregation Configurations

Port aggregation is useful for implementing load balancing and provides a redundant link backup. To allow port aggregation, the

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Chapter18:Link Aggregation Configuration

1.1 Overview Port aggregation is binding the physical ports with the same attribute together, so as to establish a logic

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Link Aggregation and Load Balancing

To configure two or more ports, up to eight, as a port aggregate, navigate to Switching > Monitor > Switch ports and

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Link_Aggregation_Config_Guide

The LACP system priority, switch MAC address, port LACP priority, port number and aggregation key are all

Jan 02, 2026

How to Aggregate Ports on UniFi Switch

Configuring port aggregation on a UniFi switch is straightforward using the UniFi Network Controller (or UniFi OS

Apr 19, 2026

What are link aggregation and LACP and how can I use them in my

Some network devices support Link Aggregation Control Protocol (LACP), which helps to prevent errors in the link

Contact Us

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