

Two ports of the core switch are aggregated



Overview

Link Aggregation Group (LAG) is the practical implementation of link aggregation, where multiple physical ports are combined into a single logical link. This technique is commonly used between two switches to expand bandwidth and enhance connection reliability. All UniFi Switches support aggregation, except USW-Flex, USW-Flex-Mini and USW-Ultra. Link aggregation increases total bandwidth beyond what a single connection could sustain, and provides redundancy where all but one of the physical links. Cisco Meraki MS switches use the open standard LACP to provide Layer 2 link aggregation in the form of link bonding as described above. The MS LACP hashing algorithm uses traffic source and destination IP, MAC, and port to determine which bonded link to use. This provides highly resilient and equal. Learn about aggregated Ethernet interfaces, LACP, and LAG. This article looks at what each such tool does, compares how they differ from each other, and offers suggestions as to what sort of network each.



Article Content

Mar 18, 2026

Link aggregation

OSI layer 2 (data link layer, e.g. Ethernet frame in LANs or multi-link PPP in WANs, Ethernet MAC address) aggregation typically

Nov 27, 2025

Link aggregation

Nortel's split multi-link trunking (SMLT) protocol allows multiple Ethernet links to be split across multiple switches in a stack,

Sep 11, 2025

Port Aggregation Configurations

Port aggregation allows you to group multiple physical ports into one unit. Port aggregation is useful for implementing load balancing

Apr 09, 2026

Port Aggregation FAQs

Because of this, you should not aggregate two ports connected from a UniFi Switch to an unsupported UniFi Gateway. What are the

Dec 07, 2025

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

Jul 05, 2026

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

Jun 04, 2026

LAN switching

I need to add multiple new stacks of 2960-X to the existing network. However, two existing 4500-X Core switches (in

Aug 15, 2025

Link Aggregation Switches: A Guide to LACP, LAG, and Throughput

By establishing a Link Aggregation Group (LAG), you can bundle two or more physical ports—such as connecting separate switches

May 17, 2026

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

Jan 11, 2026

Switching Vs Mirroring Vs Aggregate at Thomas Lujan blog

Switching Vs Mirroring Vs Aggregate. Learn what switch aggregation is, why it is important for network architecture, and how to

Dec 29, 2025

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

Jul 16, 2026

VPC / Aggregate Ports Across Switch Stacks : r/meraki

Hi All, I could not find a clear answer in the Meraki documentation. Is it possible to aggregate two ports on two different members of a

Sep 08, 2025

Aggregation layer | FortiSwitch 7.6.0 | Fortinet Document Library

Aggregation-layer platforms The most appropriate FortiSwitch unit to form the aggregation layer comprises many 10/25/40 gigabit

Feb 08, 2026

Aggregating Ports

In general, an aggregated link is treated by the system as a single logical port. In particular, the aggregated link has port attributes

Jul 09, 2026

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

Oct 31, 2025

PA-Aggregate-Group-Configuration-Dual-Uplink-Core-Switch

Dear Abdul, Thanks for the update. Both switches are in stack. For my case can you please guide me through step by

Nov 13, 2025

Understanding Switch Aggregation: A Comprehensive Guide

A: An aggregation switch is needed in network setups where there is a requirement to aggregate and process data

Dec 01, 2025

Cisco Switch Port Aggregation

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

Aug 04, 2025

What is Port Aggregation?

Learn about port aggregation, a crucial concept for the Network+ Exam. It combines multiple connections for increased

Jul 21, 2026

Everything You Need to Know About Aggregation Switch

What is an Aggregation Switch and How Does it Work? An aggregation switch consolidates data traffic from multiple

Oct 19, 2025

Aggregated Ethernet Interfaces Overview

You can configure LAGs to connect a QFX Series product or an EX4600 switch to other switches, like aggregation switches, servers,

Jun 11, 2026

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

Sep 26, 2025

UniFi link aggregation: the ultimate guide | UniHosted

Link aggregation, also called port trunking, is the process of combining multiple Ethernet connections into one logical link. It provides

Dec 12, 2025

What Are Link Aggregation, LAG, and LACP?

It allows two switches to negotiate which ports are active and manage link status dynamically. LACP also provides

Mar 22, 2026

Port-Channel aggregation issue

Hello. I am having an issue successfully creating a two cable port-channel on our core switch. I configured the

Sep 04, 2025

Switches: Link Aggregation

1. In the Manage (gear icon) menu, click Switches, then select Port Settings from the drop-down menu. Grouping Ports To create a

Jun 06, 2026

What Are Link Aggregation, LAG, and LACP?

Link Aggregation Group (LAG) is the practical implementation of link aggregation, where multiple physical ports are

Mar 25, 2026

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

Connections to both MC-LAG switches simultaneously for uninterrupted performance. MC-LAG is particularly valuable

Jul 23, 2026

Configuring Physical Links (Aggregated Links Between the Core

On the interface panels of the two member switches, select the member interfaces to be added to Eth-Trunk 3 and click Aggregate.

Jul 30, 2025

What Is an Aggregation Switch and How to Choose?

What Is an Aggregation Switch? An aggregation switch is a network device that consolidates traffic from multiple

Jan 03, 2026

Fortigate HA and Two Redundant Core Switches : r/fortinet

Do I have the Fortigate Port 1& 2 set with different IP addresses and just set the LAN to use two gateways? Probably going to

Contact Us

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

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

Email: sales@greatpremiersolutions.co.za

Phone: +27 82 914 3675

Address: Unit 5, Silicon Heights, 22 Electron Avenue, Cape Town, 8001, South Africa

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

