

How to perform aggregation on a Layer 2 managed switch



Overview

In order to configure 2 or more ports (up to 8) to be a port aggregate, simply navigate to Switching > Monitor > Switch ports and select the target ports, then choose "Aggregate". It is recommended that you do not have the target ports physically connected to anything during this. In this article, I'm going to describe how to set up Link Aggregation between two managed switches to provide connectivity, redundancy, and expanded bandwidth. The MS's LACP hashing algorithm uses traffic's source/destination IP, MAC, and port to determine which bonded link to utilize. This provides highly. Link aggregation, also called trunking, is an optional feature available on the Ethernet switch and is used with Layer 2 Bridging. The range of the LAG interface ID is 1 to 256. Configure IP addresses where appropriate.



Article Content

Feb 01, 2026

What are Link Aggregation Groups (LAGs) and how do

Link aggregation lets a switch treat multiple physical links between two endpoints as a single logical link. All the physical links in a Link Aggregation

Aug 28, 2025

Link Aggregation: Static vs Dynamic, LACP, and MLAG

Understand how link aggregation (LACP, MLAG, static vs dynamic) improves bandwidth and redundancy. Learn configuration steps on Cisco and

Dec 09, 2025

Layer 2 vs Layer 3 Switch: Key Differences and Use Cases

Layer 2 vs Layer 3 switch explained. Learn MAC vs IP forwarding, inter-VLAN routing, performance differences, and when to choose each switch type.

Dec 14, 2025

Aggregated Ethernet Interfaces Overview | Junos OS | Juniper Networks

You can configure LAGs to connect a QFX Series product or an EX4600 switch to other switches, like aggregation switches, servers, or routers. This example describes how to configure LAGs to connect

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Layer-2 Link Aggregation Configuration

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

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Link Aggregation and Multi-layer switches

Connect the two multi-layer switches (MLS) with a Gigabit uplink 2. Configure IP addresses where appropriate. Include the layer-2 (access) switch and the workstation. Use a private IP.

Aug 29, 2025

Configuring a layer 2 static aggregation group

While creating the layer 2 aggregate interface, the system automatically creates a layer 2 static aggregation group numbered the same. This command does not impact the administrative state of

Jun 01, 2026

Aggregation layer | FortiSwitch 7.6.0 | Fortinet Document Library

This model allows the aggregation switches to easily accommodate thousands of devices passing through this layer while simplifying the design, maintenance, and operations. The following figure

Nov 17, 2025

Aggregation Layer

Aggregation-layer submodule The aggregation-layer submodule plays a pivotal role in providing a highly reliable, scalable “middle layer” for bringing together the traffic from the access-layer submodule,

Jan 11, 2026

Understanding the Differences Between Layer 2 and

Most networks use a combination of Layer 2 and Layer 3 switches to optimize cost and performance. A Layer 2 managed switch is designed to forward traffic

Sep 23, 2025

How To Set Up Switch Link Aggregation

I'm going to set up Link Aggregation between two gigabit switches: an 8 port Linksys SRW2008; and a 16 port Netgear GS716GT, shown in Figures 1 and 2 below. We

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Link Aggregation and Load Balancing

In order to configure 2 or more ports (up to 8) to be a port aggregate, simply navigate to Switching > Monitor > Switch ports and select the target ports, then choose "Aggregate".

Jun 13, 2026

How to set up switch Link Aggregation (LAG) – HeelpBook

Managed switches provide many advantages for a growing network, including support for VLANs, QoS, and Trunking. In this article, we're going to describe

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What Is an Aggregation Switch and How to Choose?

These aggregation switches typically operate at Layer 2 or Layer 3 of the OSI model, depending on the network topology and configuration

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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

Dec 21, 2025

Correct network switch setup for link aggregation : r

For this setup to work, both switches must be managed and the server must support LAG. It can be very hard to fully utilize the combined bandwidth on a LAG interface.

May 19, 2026

Link Aggregation: What is it, and How Does it Work?

Link aggregation is a way of bundling a bunch of individual (Ethernet) links together so they act as a single logical link. A fundamental for effective

Apr 23, 2026

Link Aggregation: What is it, and How Does it Work?

One of the really interesting ways of deploying an aggregated link is to connect a device to a redundant pair of central core or aggregation switches.

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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® 7000 Series Switch at the aggregation layer and a Cisco Nexus 5000

Dec 25, 2025

Grandstream - 16-Port Gigabit PoE+ Layer 3 Managed Switch

The Grandstream GWN7812P 16-Port Gigabit PoE+ Layer 3 Managed Switch is a high-performance networking solution built for enterprise-grade connectivity, advanced traffic management, and reliable

Jul 18, 2025

Everything You Need to Know About Aggregation Switch

Managed layer 2 switches bring several benefits to aggregation networks. They offer efficient traffic management functionalities, including packet

Oct 17, 2025

How To Set Up Switch Link Aggregation

Managed switches provide many advantages for a growing network, including support for VLANs, QoS, and Trunking. I touched on simple VLAN configuration a

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Switch Features: Managed vs Unmanaged, Aggregation, Layer 2 vs Layer

Learn the difference between managed and unmanaged switches, and how switch aggregation can enhance your network performance. We also cover the key distinctions between Layer 2 and Layer 3 switc ...

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Network Switches for Business Environments | Omada

Aggregation Switches: Equipped with all-fiber ports, these provide robust and reliable solutions for the aggregation layer of SMB networks, delivering high performance

Contact Us

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