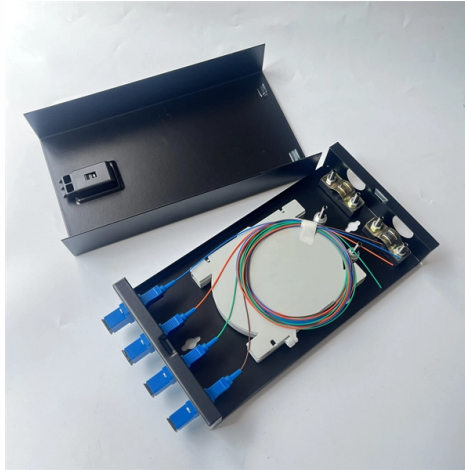


Switches that can perform uplink aggregation



Article Overview

To configure uplink and aggregation switches, use Link Aggregation (LAG) with LACP, starting from the downstream switch and working upstream, ensuring sequential port selection and device compatibility.

Understanding Link Aggregation

Link Aggregation (LAG) combines two or more physical Ethernet ports into a single logical link, increasing bandwidth and providing redundancy. It is commonly used between switches, servers, or NAS devices to improve throughput and maintain network availability if a cable fails. LACP (Link Aggregation Control Protocol) dynamically manages the aggregated links, ensuring both ends agree on the configuration and providing automatic failover .

Step-by-Step Configuration

- **Verify Device Support** Ensure both switches and connected devices support LACP or the chosen aggregation protocol. Not all models support aggregation, so check your switch specifications .
- **Plan Your Topology** Identify the downstream switch (furthest from the gateway or controller) and the upstream switch. Aggregation should be configured starting from the downstream switch and moving upstream .
- **Select Ports for Aggregation** Choose sequential ports on each switch (e.g., ports 3 and 4). Non-sequential ports (e.g., 2 and 4) will not work .
- **Configure the Downstream Switch...**

Article Content

Jan 15, 2026

How To Set Up Switch Link Aggregation

In this article, I'm going to describe how to set up Link Aggregation between two managed switches to provide connectivity,

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H3C S6530X Series Advanced Aggregation 25GE Switches

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Link Aggregation and Ethernet Bonding Feature Overview and ...

A link aggregation can only exist between a pair of neighboring switches, where the switch ports that are aggregated on one switch

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Link aggregation

Link aggregation Link aggregation between a switch and a server In computer networking, link aggregation is the combining

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Learn more about how switch stacking and link aggregation serve different purposes, but they are often used together to build

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Equipped with future-proof fiber-optic and multi-Gigabit Ethernet (mGbE) ports as well as high-throughput uplink and stacking ports,

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Aggregation Switch

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Aggregation Switches | Managed Core Network Performance for

High-performance aggregation switches designed for industrial and FTTH networks. Support Layer 2/3 management, Gigabit and

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10G uplink 54-port core routing switch-Aggregation/Core switch

The ONV58480-6TFM is a high-performance managed Ethernet switch oriented to the next generation of IP metropolitan area

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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

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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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What Is an Aggregation Switch and How to Choose?

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

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Link Aggregation and Load Balancing

Link Aggregation and Load Balancing Last updated Jun 16, 2026 Save as PDF Table of contents Link bonding Load

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Multi-Chassis Link Aggregation (MLAG)

The LAG groups can be formed using static link aggregation or LACP based negotiation methods. Spine Layer At the spine layer,

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How does link aggregation work in reality?

I'm concerned that I'm misunderstanding how aggregators work in the scenario below: I have a project where I need 40 Gbps links

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10G uplink 28-port L2+ managed Ethernet switch-Aggregation/Core

The ONV56028FM is a 10G uplink L2+ managed Ethernet fiber switch independently developed by ONV. It has 24*10/100/1000Base

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48-port 10G/25G L3 Aggregation Fiber Switch with 8 100G Uplinks

This Switch is engineered for robust network redundancy. Its 2-unit physical stacking enables a redundant ring that preserves data

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Data Center Aggregation Layer Design and Configuration with ...

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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

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networking

However, our network organization does not support link teaming/aggregation between switches for switches they don't

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Ethernet Link Aggregation | Junos OS | Juniper Networks

The LAG balances traffic across the member links within an aggregated Ethernet bundle and effectively increases the uplink

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UniFi Enterprise Campus Aggregation

1.8 Tbps high-density 100G/25G Layer 3 Etherlighting™ aggregation switch with MC-LAG support for high

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UniFi link aggregation: the ultimate guide | UniHosted

For UniFi, the best devices are the UDM Pro, UDM SE, and the UniFi Aggregation Switch. You'll also need devices that support link

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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

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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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What Is Link Aggregation and Link Aggregation Switch?

You can surely make it by implementing link aggregation and link aggregation switch. We're going to share some

Contact Us

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

Website: <https://www.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

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