

Supports aggregation link switches

Article Overview

Many modern network switches support link aggregation, typically using LACP (IEEE 802.3ad) to combine multiple physical links into a single logical connection for increased bandwidth and redundancy.

What is Link Aggregation?

Link aggregation allows multiple Ethernet links to be combined into a single logical link, known as a Link Aggregation Group (LAG) or bundle, between two network devices such as switches, servers, or NAS devices . This setup increases total bandwidth, provides redundancy, and enables load balancing across the member links . If one physical link fails, traffic is automatically rerouted over the remaining links, maintaining network availability .

Types of LAGs Supported by Switches

- Static (Manual) LAG: Requires manual configuration on both ends of the link. It does not provide automatic failover and is prone to misconfiguration .
- Dynamic LAG using LACP: Uses the Link Aggregation Control Protocol (LACP), an industry-standard protocol (IEEE 802.3ad), to automatically manage link aggregation, detect link failures, and ensure both ends agree on the aggregation settings . This is the most common method supported by managed switches.

Switch-to-Switch and Switch-to-Client Aggregation

- Switch-to-Switch Aggregation: Useful for interconnecting multiple switches to increase bandwidth and provide redundancy for high traffic loads

Article Content

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Overview of the L2 Feature settings of the Linksys Managed Gigabit Switch

A Link Aggregation Group (LAG) optimizes port usage by linking a group of ports together to form a single, logical, and higher

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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

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Understanding Switch Aggregation: A Comprehensive

Linksys: Understanding Link Aggregation on a Linksys Switch: This support article from

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Link Aggregation Overview

In both situations, the aggregation of separate physical links into a single logical link multiplies total link bandwidth in addition to

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How to configure LACP on our Smart/ Managed Switch

LACP, defined in IEEE802.3ad, is used to combine multiple physical links dynamically as a logical link, and thus this

Feb 10, 2026

Link Aggregation and Ethernet Bonding Feature Overview and ...

What is link aggregation? Link aggregation is a key component in resilient network design, since it increases the available bandwidth

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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

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Link Aggregation Control Protocol

The Link Aggregation Control Protocol (LACP) is an IEEE standard protocol that combines multiple physical Ethernet

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Link aggregation

Link aggregation between a switch and a server In computer networking, link aggregation is the combining (aggregating) of multiple

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Link Aggregation: Static vs Dynamic, LACP, and MLAG

This article provides a comprehensive explanation of link aggregation — covering LACP,

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What are Link Aggregation Groups (LAGs) and how do

What are Link Aggregation Groups (LAGs) and how do they work with my managed switch?

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

Link aggregation is a method of joining multiple network connections in parallel to create a single, high-capacity logical link. Network

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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

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Link Aggregation

S2700, S3700, S5700, and S6700 Series Switches Product Use Precautions This document provides the use

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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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What Is an Aggregation Switch and How to Choose?

They support link aggregation protocols such as Link Aggregation Control Protocol (LACP) and Static Link

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Amazon : Switch Link Aggregation

BrosTrend 2.5Gb Switch, Unmanaged 8 Port Ethernet Switch 2.5 Gigabit Supports Static Link Aggregation & VLAN, Fanless,

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Configuring Link Aggregation Group and Link Aggregation Control

LACP enables a network device, such as a switch, to negotiate an automatic bundling of links by sending LACP packets to the peer

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Port Aggregation FAQs

MC-LAG (Multi-Chassis Link Aggregation Group) allows two switches to work together as a single logical unit, providing both load

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UniFi link aggregation: the ultimate guide | UniHosted

Link aggregation is essential for connecting switches together. It lets you create a bigger "data highway" between them, ensuring fast

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Link Aggregation, LAG, LACP and MLAG in 2026:

Procurement boundary: verify exact PIDs, ports, media, host interfaces, software, licenses,

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link aggregation switch | Newegg

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Link aggregation

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

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Configuration Guide for Cisco NCS 4000 Series

Link Aggregation (LAG) is a mechanism used to aggregate physical interfaces or ports to create a logical entity called

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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

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How to configure Link Aggregation

Link Aggregation provides the ability to group multiple Ethernet interfaces to form a trunk which looks and acts like a

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