

Monitoring Switch Aggregation Port Settings



Article Overview

Switch aggregation ports can be monitored by checking port status, link attributes, LACP negotiation, and load balancing across aggregated links.

Understanding Port Aggregation

Port aggregation, also called link aggregation or EtherChannel, combines multiple physical ports into a single logical link to increase throughput and provide redundancy . Aggregation can be static (manual configuration) or dynamic using LACP (Link Aggregation Control Protocol) . Static aggregation does not require negotiation, while LACP dynamically negotiates link membership between devices .

Key Port Attributes to Monitor

To ensure proper aggregation, the following port attributes must be consistent across all aggregated ports:

- STP settings: Enable/disable status, priority, and cost
- VLAN configuration: Port VLAN ID (PVID) and permitted VLANs
- Port speed and duplex: Full duplex is required; speed should match across ports
- Link type: Access, trunk, or hybrid Any changes to one port in an aggregation group are typically synchronized automatically to the other ports in the group .

Monitoring Aggregation Status...

Article Content

Mar 02, 2026

Port Aggregation FAQs

In what order should I configure port aggregation on my switches? You should be certain that configuration changes are first done on

May 27, 2026

Switch Ports

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

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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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TAP Aggregation Switch: Key to Monitor Network Traffic

TAP aggregation switch deployed between point A and B passes all traffic through unimpeded, but it also copies that

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Tutorial

Learn how to configure a Cisco Switch Link Aggregation using the command-line, by following this simple step-by-step

May 08, 2026

Basic Arista Tap Aggregation Configuration

Overview Arista's Tap Aggregation feature turns switch (es) into packet capture, aggregation, and distribution points.

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Configure an Aggregate Interface Group

Enter the Max Ports (number of interfaces) that are active (1 to 8) in the aggregate group. If the number of interfaces you assign to

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Switch Port Monitoring Guide

Learn how switch port monitoring enhances network performance, security, and troubleshooting. Explore top tools for

Oct 01, 2025

Link Aggregation Configuration

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

Jul 22, 2026

TAP Aggregation for Network Monitoring

Packets are sent from the tool ports to the monitoring tools and analyzers you have running in an off-switch location in your network.

May 28, 2026

Monitoring Links in Link aggregation

I have a link aggregation configured between server to switch and switch to switch. It has 4 ports and hence 4

Mar 03, 2026

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

Sep 09, 2025

OLT Port Configuration, Cisco Catalyst PON Series Switches

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

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Solved: SG200-26 Port Aggregation

Is Port Link Aggregation simple to do with the GUI of the Switch or does it require command line interaction? Have

Sep 16, 2025

GWN76xx - Link Aggregation Guide

Overview Link Aggregation (also known as Port Bonding or LAG) enables GWN76xx access points to combine

Dec 27, 2025

Cisco Switch Port Aggregation

You cannot combine a FastEthernet (100 Mbps) and a GigabitEthernet (1 Gbps) port into the same etherchannel.

Sep 26, 2025

Link Aggregation, Port Mirroring/Monitoring | Alcatel-Lucent 6800

Download user manual for Alcatel-Lucent 6800, 9000, 6850. Learn more about Link Aggregation, Port Mirroring/Monitoring.

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Cisco Nexus 9000 Series NX-OS System Management Configuration

TAP aggregation switches link all of the monitoring devices to specific points in the network fabric that handle the

Jun 29, 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,

Aug 20, 2025

Switch Link Aggregations Configuration | Network as Code

Switch Link Aggregations configuration in Meraki networks provides administrators with comprehensive port bonding and link

Aug 15, 2025

Switch Administration Guide

Time Switching Port Settings Spanning Tree Protocol Loopback Detection Link Aggregation Port Mirror Jumbo Frames MAC

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

In this article, you will learn about the L2 Feature of your Linksys Managed Gigabit Switch and how you can utilize these features to

Oct 06, 2025

Configuring a switch for link aggregation with a SAN

This way, if link aggregation fails for some reason, one of the ports for each SAN device should still work until you can

Oct 28, 2025

How to Aggregate Ports on UniFi Switch

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

May 18, 2026

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

Final Thoughts: Is Port Aggregation Right for You? Port aggregation offers significant benefits for enterprise networks,

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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 “link aggregation” and how does it benefit your network?

For our setup we used, the Trendnet TEG-082WS switch to aggregate multiple ports into a single logical connection

Jan 04, 2026

The Ultimate Guide to Installing and Configuring the Ubiquiti UniFi ...

The Ubiquiti UniFi Switch Aggregation (USW-Aggregation) is a powerful, high-capacity switch, perfect for streamlining

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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

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