

Connecting the aggregation switch to a software router



Overview

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. 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 Series Switch at the access layer. Product features and their settings are covered in more detail in the product's context-sensitive built-in help. For more information, see Get to know. This article provides a comprehensive explanation of link aggregation — covering LACP, static vs dynamic link aggregation, and MLAG (Link Aggregation Plus) — along with real configuration examples from Cisco and Huawei switches. What Is Link Aggregation?

Link Aggregation is a technology defined in IEEE 802. In manual mode, you must manually create an Eth-Trunk and add member interfaces to the Eth-Trunk.

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Ethernet link aggregation increases link bandwidth by bundling multiple physical links to form a logical link. Link aggregation can work in manual mode or Link Aggregation Control Protocol (LACP) mode. ...



Dynamic aggregation is implemented through IEEE 802.3ad Link Aggregation Control Protocol (LACP). LACP uses LACPDUs to exchange aggregation information between LACP-enabled devices.



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 covered both switches here a while ...



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this section of the guide will demonstrate how to configure a Aggregation switch with dual purposes, providing power and layer 2 access to wired devices and access points, while also ...



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 ...



An Aggregation or "Top-of-Rack" switch is designed to connect everything in a rack at high speeds, then have an even bigger pipe out to the rest of the network. The Pro Aggregation does ...



Go to Advanced > Maintenance > Device Software > Software Upgrade. To select the software file from a specified location, click Browse. Click Upload. After software upgrade, the product will restart ...



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Aggregation-layer platforms The most appropriate FortiSwitch unit to form the aggregation layer comprises many 10/25/40 gigabit Ethernet ports to address the access layer and a few 100-GbE ...

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