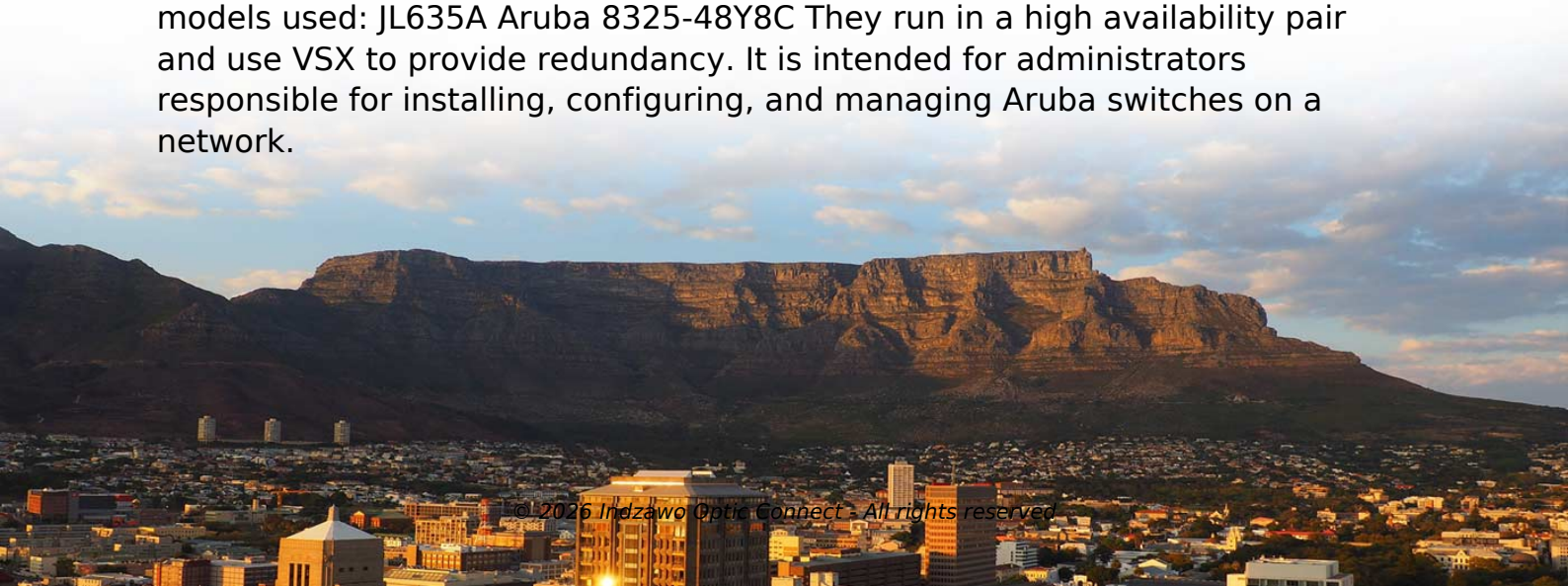
How to configure IP addresses for aggregation layer switch interfaces

Overview

This chapter describes how to configure port channels and to apply and configure the Link Aggregation Control Protocol (LACP) for more efficient use of port channels in the Cisco NX-OS devices. 3ad link aggregation enables you to group Ethernet interfaces to form a single link layer interface, also known as a link aggregation group (LAG) or bundle. The LAG balances. This document provides Ethernet link aggregation configuration examples. The configuration examples in this document were created and verified in a lab environment, and all the devices were started with the factory default configuration. Switch models used: JL635A Aruba 8325-48Y8C They run in a high availability pair and use VSX to provide redundancy. It is intended for administrators responsible for installing, configuring, and managing Aruba switches on a network.



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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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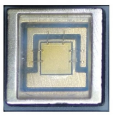
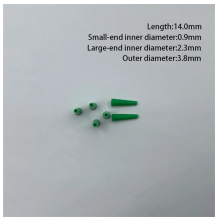


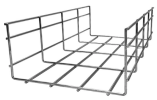
This will require a unique IP address on both switches. The IP address is in its own VRF so this address will not be reachable from anywhere besides the aggregation pair.



· Configure IP addresses and subnet masks for the corresponding Layer 3 aggregate interfaces. · Configure link aggregation group 1 to load share packets based on source IP addresses.

The majority of this document applies to the above listed Supermicro switch products. In any particular sub section however, the contents might vary across these switch product models. In ...

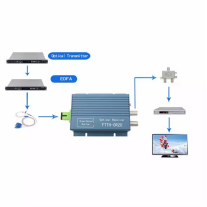
This lesson explains how to configure Etherchannel (Link Aggregation) using PAgP and LACP on Cisco IOS Switches.



Network ConfigurationAnalysisApplicablehardware and Software VersionsRestrictions and GuidelinesProceduresVerifyingthe ConfigurationConfiguration FilesTo enable traffic from VLAN 10 and VLAN 20to pass through Layer 2 aggregate interface Bridge-aggregation 1, perform thefollowing tasks: · Configure Layer 2aggregate interface Bridge-aggregation1 as a trunk port. · Assign the aggregate interface to VLAN 10 and VLAN 20.See more on h3c cray-hpe.github.io

This article provides a comprehensive explanation of link aggregation — covering LACP, static vs dynamic link aggregation, and MLAG (Link Aggregation Plus) — along with real ...

In syntax using brackets and braces, an ellipsis indicates items that can be repeated. When an item followed by ellipses is enclosed in brackets, zero or more items can be specified. Examples in this ...

	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. ...
	Connecting two switches as MLAG peers requires the establishment of the peer link and an SVI that defines local and peer IP addresses on each switch. The peer link is composed of a LAG between ...

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