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Does the aggregation switch need to be configured with STP

Overview

Virtual Switching Extension (VSX) and multichassis link aggregation groups (MC-LAGs) are used to allow dual connections between the access and aggregation layers without the need for STP on individual links. After link aggregation is configured, several physical links are bundled into one logical link and share the same IP address and MAC address. STP does not distinguish member links. Instead, STP considers an Eth-Trunk as a link and performs actions such as Discard, Forward, or Block for the. STP configurations, including STP enable or disable, STP priority, and STP cost. Only full duplex mode is supported. Trunk, hybrid, or. Port Aggregation Protocol or PAgP is an EtherChannel technology that is a Cisco proprietary protocol. The. Set the Load Balancing Method Verify Load Balancing Method Disable/Enable EtherChannel Guard Check if ports are disabled due to EtherChannel Guard Enable interface following misconfiguration Status/Validation CommandsLink aggregation is the practice of bundling multiple physical Ethernet links into a single logical connection between two devices. Instead of one cable at 10G, you might have: Of course, as we'll see later, each flow does not get 40G, but in aggregate, you can use all the links.

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Before you commit an aggregated Ethernet configuration, ensure that link mode is not configured on any member interface of the aggregated Ethernet bundle; otherwise, the configuration commit check fails.

Ask the Expert

This topic is a chance to discuss more about the how to implement the Spanning Tree Protocol (STP) on an Ethernet Network. This session will

Configuring STP and RSTP

STP Overview STP is a Layer 2 link management protocol that provides path redundancy while preventing loops in the network. For a Layer 2 Ethernet network to function properly, only one active

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