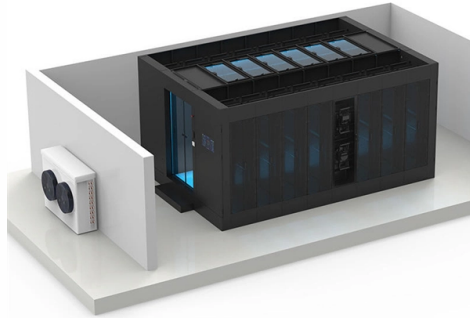


Multi-switch VLAN aggregation



Overview

In this article, I'll walk you through the setup, configuration, and successful implementation of VLANs and trunking across multiple switches. This document describes the configuration of Ethernet services, including configuring MAC address table, link aggregation, VLANs, VLAN aggregation, MUX VLAN, VLAN termination, Voice VLAN, VLAN mapping, QinQ, GVRP, VCMP, STP/RSTP/MSTP, VBST, SEP, RRPP, ERPS, LBDT, and Layer 2 protocol transparent. In modern networking, Virtual LANs (VLANs) play a crucial role in segmenting networks for improved security, efficiency, and manageability. Recently, I built a multi-switch VLAN network in Cisco Packet Tracer, connecting different departments while ensuring seamless communication within VLANs. In Arista switches support Multi-Chassis Link Aggregation (MLAG) to logically aggregate ports across two switches. For example, two 10-gigabit Ethernet ports, one each from two MLAG configured switches, can connect to two 10-gigabit ports on a host, switch, or network device to create a link that. An aggregation switch is a network device that consolidates traffic from multiple access switches, wireless access points, or other edge devices and forwards it to core switches or routers. When any of the active ports.



Article Content

Best 10Gb Switch for SMB in 2025: Unlock Next-Gen Network

Upgrading to 10 Gigabit Ethernet (10GbE) switches is a critical step to overcome bottlenecks and future-proof SMB networks. This guide is designed for network engineers, IT

VLAN Aggregation Configuration

S1720, S2700, S5700, and S6720 V200R011C10 Configuration Guide - Ethernet Switching This document describes the configuration of Ethernet services, including configuring link aggregation,

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