

VLAN partitioning between core and Layer 2 switches



Overview

Yes, a Layer 2 switch can support VLANs by segmenting a physical network into multiple virtual networks, creating isolated broadcast domains. Inter-VLAN communication requires a Layer 3 device like a router or Layer 3. Configure Two-Tier core switches as a VSX pair for Layer 2 aggregation of the data center access switches, IP data center services, and routing to the main campus. A solid understanding of STP, RSTP, and security protocols such as Port Security and DHCP Snooping is essential for building flexible, scalable, and secure networks. We are planning to introduce distribution switches to migrate the L2 boundary to those. Each layer of the hierarchical architecture contains special considerations. When designing the building access layer, you must take into consideration the. A Virtual LAN (VLAN) is a logical grouping of devices within a network that allows them to communicate as if they are on the same local network, even if they are physically connected to different switches.



Article Content

2 locations, 2 core switch stacks, fibre in between, equal cost load ...

They state: "Core switches shall be linked with 2x 1Gbps links bonded into a standard compliant Etherchannel" "Uplinks between access and core switches shall be non-blocking - for

Related Video Reference

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