

How to configure the core access secondary switch



Overview

This document describes Huawei High-Quality Primary and Secondary School Campus Network Solution in terms of version mapping, solution introduction, tool usage, installation, data planning, deployment, and O&M. 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. This document is intended for Network planning engineers, network deployment engineers. Any products and features described herein as in development or available at a future date remain in varying stages of development and will be offered on a when-and if-available basis. Any such product or feature roadmaps are subject to change at the sole discretion of Cisco and Cisco will have no. I'm thinking I would have to create the SVIs on the Core (VLANs with default gateway IP addresses), and I would have to configure the connecting interfaces from core to access stacks as trunk ports right?

Given the VLANs are the same on all switches and each trunk port is on the same native VLAN. Aruba Virtual Switching Extension (VSX) is virtualization technology for aggregation and core Aruba CX switches. The VSX solution lets

the switches present as one virtualized switch in critical areas.

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I would recommend at least 2 copper runs per switch, which you can then put in a port channel, so that you have 2 Gbps of uplink for all of your edge switches. If you are planning on just ...



Make sure that the configuration of the switch matches the configuration of the device at the far end of the link. In particular, avoid having one end autonegotiate duplex mode while the other end is fixed.



To navigate to the VSX page in the Switch dashboard, complete the following steps: 1. In the Network Operations app, set the filter to one of the options under Group, Label, or Site. Ensure that the filter ...



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.



When configuring access switches to be managed by the controller, you can use the core switch as the management subnet gateway of the access switches, and configure the management VLAN auto ...



Guide to building a Campus LAN with 2-Tier and 3-Tier architectures, focusing on Access to Distribution layer configuration, VLANs, and redundancy



The switch profile import mode (config-sync-sp-import) allows you to import existing switch configurations from the running configuration to a switch profile and specify which commands you ...



Make sure the core switch is the root bridge, and enable portfast and BPDU guard on all access interfaces. Do your routing on the core switch, with an L3 transit to the firewall.



These reference architectures offer examples of the best way to configure your network for each use case. The Fortinet solutions in this guide make it easier to configure these challenging topologies. ...



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