



**EIT Opto-Routing**

# **Dual-core switch Layer 2 configuration**





## Overview

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This configuration guide describes LAN switching fundamentals and configuration procedures. 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. After all, any network devices (routers, firewalls, computers, servers etc) have to be connected to a switch. The Aruba ESP Two-Tier Data Center can be configured using Aruba Central or Aruba Fabric Composer (AFC). Access answers to your questions about the evolution of Cisco's partner ecosystem.



## Dual-core switch Layer 2 configuration

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### Configuring Layer 2 Switching

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Information About Layer 2 Switching You can configure Layer 2 switching ports as access or trunk ports. Trunks carry the traffic of multiple VLANs over a single link and allow you to extend VLANs across an

### Cisco Meraki cloud-managed security and SD-WAN

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## **Cisco Nexus 9000 Series NX-OS Layer 2 Switching Configuration**

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See the Cisco Nexus 9000 Series NX-OS Interfaces Configuration Guide, for information on creating interfaces. You can configure Layer 2 switching ports as access or trunk ports. Trunks

## **LANCOM Tech Paper Two-Tier and Three-Tier Switch Architectures**

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Two-tier and three-tier switch architectures When structuring the logical architecture of an enterprise network, decisive factors include the efficient and secure transport of data, high scalability, and high

## **Cisco Switch Layer2 Layer3 Design and Configuration**

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One simple and popular switch design scenario will be shown in the following tutorial. This scenario will fit most SMB networks (or even bigger ones) that have a few

## **Example for Configuring a Layer 2 Switch to Work with a Router for**

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Configure interface-based VLAN assignment on the switch for Layer 2 forwarding. Configure the router as the gateway of users to implement Layer 3 forwarding across network segments through sub

## **Configuring Layer 2 Switching**

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You can configure Layer 2 switching ports as access or trunk ports. Trunks carry the traffic of multiple VLANs over a single link and allow you to extend VLANs across an entire network.



# Cisco Switch Layer2 Layer3 Design and Configuration

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Layer2 and Layer3 switches are the foundation of any network. After all, any network devices (routers, firewalls, computers, servers etc) have to be connected to a

## Support

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This configuration guide describes LAN switching fundamentals and configuration procedures. It describes how to configure a Layer 2 network, including: · Flow control and load

## Layer 2 Configuration Guide, Cisco IOS XE 17.16.x (Catalyst 9200 Switches)

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This chapter describes how to configure the Layer 2 Protocol Tunneling on the Cisco Catalyst Switches.

## Support

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It describes how to configure a Layer 2 network, including:

- Flow control and load sharing.
- Isolating users within a VLAN and dividing VLANs.
- Eliminating Layer 2 loops.

## Layer 2 Configuration Guide, Cisco IOS XE 17.16.x (Catalyst 9200 Switches)

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Cisco Catalyst 9200 Series Switches Configuration Guides Layer 2 Configuration Guide, Cisco IOS XE 17.16.x (Catalyst 9200 Switches)



# Layer 2 Configuration Guide, Cisco IOS XE 17.18.x (Catalyst 9200)

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Learn how our partner ecosystem makes it easier than ever to identify the partners to best meet your needs. Access answers to your questions about the evolution of Cisco's partner

## Two-Tier Core

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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.

## Configure a Layer 2 vPC Data Center Interconnect on a

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This document describes how to configure a Layer 2 (L2) Data Center Interconnect (DCI) with the use of a Virtual Port-Channel (vPC).



## **Cisco Nexus 9000 Series NX-OS Layer 2 Switching Configuration**

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See the Cisco Nexus 9000 Series NX-OS Interfaces Configuration Guide Cisco Nexus 9000 Series NX-OS Interfaces Configuration Guide for information about vPCs. The address table

## **Aruba Central Two-Tier Data Center , Validated Solution**

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This guide demonstrates using Aruba Central to build a Two-Tier data center solution. Topics include switch onboarding, configuring underlying



## **Layer 2 Configuration Guide, Cisco IOS XE 17.17.x (Catalyst 9400 Switches)**

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Cisco Catalyst 9400 Series Switches Configuration Guides Layer 2 Configuration Guide, Cisco IOS XE 17.17.x (Catalyst 9400 Switches) Bias-Free Language

## **Cisco Nexus 9000 Series NX-OS Layer 2 Switching Configuration**

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Starting with Cisco NX-OS Release 10.6(1)F, the Cisco Nexus 9336C-SE1 supports Layer 2 switching features mentioned above. These features are not supported in Cisco NX-OS

## **Layer 2 Configuration Guide, Cisco IOS XE 17.18.x (Catalyst 9200 Switches)**

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You can execute this command on more than one switch to configure multiple backup root switches. Use the same network diameter and hello-time values that you used when



you configured the

## Layer 2 Networking , Junos OS , Juniper Networks

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Enhanced Layer 2 Software (ELS) provides a uniform CLI for configuring and monitoring Layer 2 features on QFX Series switches, EX Series switches, and other Juniper Networks devices.

## Cisco Nexus 7000 Series NX-OS Layer 2 Switching Configuration Guide

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For information on the output of these commands, see the Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference. Configuration Example for Layer 2 Switching

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