

Configuring Routers on Core Layer 3 Switches



Overview

To start using layer 3 routing, navigate to the Switching > Configure > Routing & DHCP page. Under L3 routing tab, click Configure - which takes you to the. In this lesson, we will learn to configure a multilayer switch (also called Layer 3 switch) to perform inter-VLAN routing, which was previously done using an actual router. Multilayer switches can forward frames based on MAC address information and can also forward IP packets based on IP. The latest Cisco Catalyst Switches are equipped with the Enhanced Multilayer Image (EMI), which can work as a Layer 3 device with full routing capabilities, also known as a multi-layer switch (MLS). Below are some of the Cisco Catalyst Series switches with Layer 3 functionalities: A Layer 3 Switch. In this sample chapter from Switching, Routing, and Wireless Essentials Companion Guide (CCNAv7) for Cisco Networking Academy students, you will learn how to troubleshoot common inter-VLAN configuration issues. VLAN is the logical grouping of devices in the same or different broadcast domains. Layer 3 switches can work at Layer 2 and Layer 3 and be deployed at the access layer or aggregation layer as user gateways.



Article Content

Network switch

A modular network switch with three network modules (a total of 36 Ethernet ports) and one power supply A five-port layer-2 switch without management

Related Video Reference

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