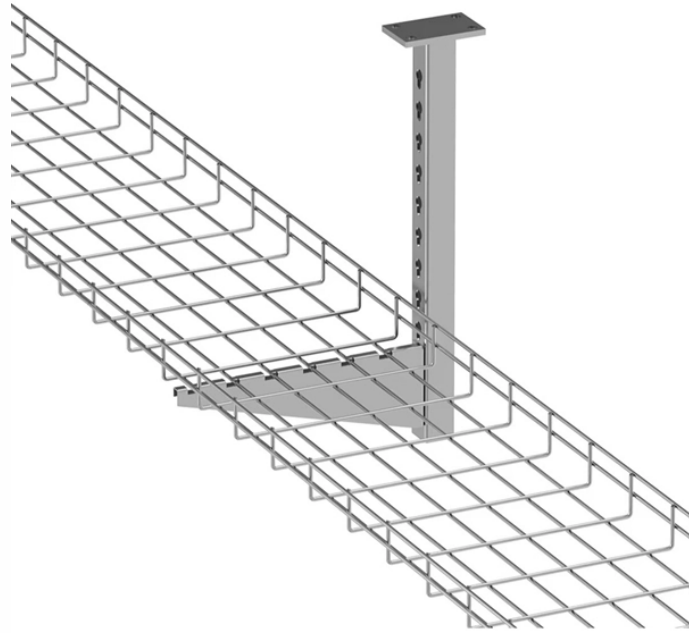


Dual-network access via Layer 3 switch



Overview

Your Sw 3 is not L3 switch but L2 which does not support routing; replace sw3 with L3 one (c3560 or c3650 that is more square box in PT) or a router. Then enable ip routing, make ports as trunk ports, add vlans to be same with other switches. Add 2 SVI in range of your 2. This article outlines a basic example of how layer 3 routing functionality on MS series switches could be implemented. all the switches we have are cisco catalyst 2960x running version 15. However other PC's receive different IP's on the switch via a DHCP server. Routers connect different networks, use IP addresses to pick the next hop, and often do NAT so your devices share one public IP. Switches maintain fast local traffic by learning MAC addresses and forwarding frames to the correct port, utilizing VLANs to segment groups. " We now live in a world of: Layer 2 and Layer 3 switches still map to their classic OSI roles, but their use in real networks has evolved.

Dual-network access via Layer 3 switch



In this session, Our focus will be to learn about the existing and new High Availability features present on the Catalyst 9k Switches. We will also categorize features based on access and Distribution layer in ...



At work I was asked to connect the following two different subnet using cisco 2960x switch. all the switches we have are cisco catalyst 2960x running version 15.2.



If all your devices (those with static IPs and those with dynamic IPs) are within the same subnet (192.168.0.0/24), the switch will simply handle the traffic at Layer 2, and no routing is necessary.



Detailed post about the network edge. Contains high and low level designs, considerations for Dual ISPs, and BGP guidance.



Learn Layer 2 and Layer 3 switches in 2026. Covers features, performance, design patterns (campus, branch, data center), and how to choose for your network.



I often hear it's advantageous to utilize layer 3 at the access layer devices to avoid having broadcasts spanning the network and not having to deal with huge STP topologies. But what exactly does this ...



The first topic linked below describes how to configure Layer 3 interfaces. The latter topic link describes how to use Neighbor Discovery Protocol (NDP) to provision IPv6 hosts and view the IPv6 addresses ...



Frequently Asked Questions Can a Layer 3 Switch Replace a Router for Inter-Vlan Internet Access? Yes, if it supports routing and NAT. You'd create SVI interfaces for VLANs, run IP ...



Multihoming allows the configuration of secondary-network interfaces for K8s pods. OVN-Kubernetes secondary-network has three configurable topologies: layer 3, layer 2, or localnet. A layer 3 topology ...



This article outlines a basic example of how layer 3 routing functionality on MS series switches could be implemented. Before proceeding, please refer to the Layer 3 Switch Overview for general information ...

Contact Us

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