

Can a core switch be configured with two IP addresses



Overview

The switch can have multiple IP addresses. Each IP address can be assigned to specified interfaces or ports, Link Aggregation Groups (LAGs), or Virtual Local Area Networks (VLANs). Yes, it is possible to have two core switches with the same SVIs (Switched Virtual Interfaces) configured. Firewall. This document describes the configurations of IP Service, including IP address, ARP, DHCP, DHCP policy VLAN, DNS, mDNS gateway, mDNS relay, UDP Helper, IP performance optimization, IPv6, DHCPv6, IPv6 DNS, IPv6 over IPv4 tunnel, and IPv4 over IPv6 tunnel. This is useful when deploying IP phones! To establish if your core switch is providing DHCP, login to it and enter: `sh run | s dhcp` Example with two pools for two TR's. Location names are factory-1 and factory-2. Access switches of the two locations are connected via fiber to their. In networking, switches play a crucial role in ensuring seamless communication between devices within a local area network (LAN). Layer 2 switches, in particular, operate at the data link layer of the OSI model and are primarily responsible for forwarding data packets based on MAC addresses.

Article Content

Two different IP ranges to the same vlan

I haven't given much thought to whether it would be possible to have two IP ranges within the same VLAN, but it surely wouldn't be pretty. Once you start putting bandages to run a badly designed

(Optional) Configuring a Secondary IP Address for an Interface

You can configure multiple IP addresses for a Layer 3 interface on a switch, one as the primary IP address, and the others as secondary IP addresses. Each Layer 3 interface can have a maximum of

Assigning IP addresses to multiple switches

Layer-2 switches only require IP addresses for management, so you might want to put them in a management VLAN. You could assign management addresses via DHCP but most often,

Complete Guide: In What Situation Would a Layer 2 Switch Have an IP ...

Conclusion While a Layer 2 switch does not require an IP address for its core switching functions, there are several situations where assigning one is necessary. Remote management,

Switches with Multiple SVI and IP Addresses Bad Practice??

Hello, I have a typical Access-Distribution-Core. Access is all L2 switches (3560,3750 running IP Basic) Distribution are L3 (3560E, 3750, 3750X running IP Services) then the Core is a

Can a computer with 2 network cards have the same IP address for both

Each "LAN port", or NIC, must have a unique IP address. It would be unusual for each of the IPs to be on the same network. The same DNS server could serve both IPs, and usually does. I have an

When Switch-interface-IP-addresses are configured, do endpoints

When Switch-interface-IP-addresses are configured, do endpoints (pc's) connected to those interfaces automatically adopt same ip as Switch-interface? Hey guys, question with a few parts, depending on

one network interface with 2 ip addresses

I have heard about configuring an NIC on a computer with a two ip addresses using something called "ip alias" or alike, i don't understand how it can be set while we have only one MAC

When a NIC has multiple IPs, does port ties to IP or NIC?

Just a curiosity, if I have a NIC that is associated with more than one IP addresses. Does port ties to an IP or NIC? For example if I have a NIC that has two IPs, 1) 192.168.8.18 and 2)

% IP addresses may not be configured on L2 links

The reason you are getting this is the ports on the interface card you added are switch ports and a switch is a layer 2 device, an IP address is configured on a layer 3 device (a router

Solved: DHCP Configuration in Core Switches

Access switches of the two locations are connected via fiber to their respective core switches. It means that users connected to access switches should take dynamic IP addresses from

Complete Guide: In What Situation Would a Layer 2 Switch Have an

Unlike routers, which function at Layer 3 and use IP addresses for communication, Layer 2 switches typically do not require an IP address to perform their core tasks. However, there are

How to configure two Core switches in a network with intervlan routing ...

Dear All, Hi Friends, i have two 3750 switches. I configured intervlan routing between three vlans which are vlan11,vlan12, and vlan13 in Core Switch1. These three vlans are communicate each

When A Switch Meets Two Twin IP addresses

Twin IP addresses will bring a network down only if these 2 IPs create a lot of broadcast (like wireless AP or other networking appliances). Then depending on the type of switches and the

Configure IP Address Settings on a Switch using the CLI

The switch can have multiple IP addresses. Each IP address can be assigned to specified interfaces or ports, Link Aggregation Groups (LAGs), or Virtual Local Area Networks (VLANs).

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.activa.net.pl>

Email: sales@activa.net.pl

Phone: +48 662 748 193

Address: ul. Cybernetyki 7B, 02-677 Warsaw, Poland

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