

# No communication between the core switch and the router



## Overview

eigrp is configured to distribute the routes between router and switch. The Router is set to use the wrong interface for the NAT overload. It is currently using the lan interface, the address that you need to use for the NAT is the WAN outside interface with the public IP. According to your configuration, the WAN interface is GigabitEthernet0/0/0. VLANs address scalability, security, and network management. In general, VLANs make it easier to design a network to support the goals of an. A device can be pinged from core switch (router) but not the switch it's plugged into. It is. 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. I'm sure I removed the correct VLANs. When I saved the configuration, everything stopped working and now we don't know what to do.

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We can create a redundant network that will allow for a switch, even the core switch to go down and still allow for the devices on the network to be able to access the Internet and server.



This is likely related to how the vlans are setup with the gateways on the core switch, and the vlan where the mgmt interface is on the edge switch where the device is connected.



We have a pair of Dell N3224P-ON switches and today's morning my colleague gave me a task and instructions to remove some unused VLANs. I'm sure I removed the correct VLANs. When I saved ...



Learn what a Router Sub-interface and a L3 Switch is, as well as how to configure both of them on Cisco devices to enable Routing between VLANs.



It seems to me you are routing internet on the core switch to the firewall, but no from the firewall back to that network via the core switch IP. eigrp is configured to distribute the routes ...



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.



Trunks allow the traffic from multiple VLANs to travel over a single link, while keeping the VLAN identification and segmentation intact. A particular kind of inter-VLAN routing, called "Router ...



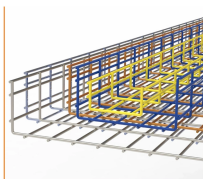
when you ping 8.8.8.8 from 172.30.235.2 (the switch) and then issue the command "show ip nat translation \*" on the router, do you actually see an entry for 172.30.235.2 ?



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There are three main methods for configuring inter-VLAN routing: The traditional method, which is also known as "Legacy" Inter-VLAN Routing, is necessary where the switches in use do not ...



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Inter-VLAN routing using a Layer 3 switch is simpler to configure than the router-on-a-stick method. After the configuration is complete, the configuration can be verified by testing connectivity between the ...

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