

Communication between two core switches on different network segments



Overview

In addition to configuring an IP address for a VLANIF interface, you need to configure a static route or a dynamic routing protocol when PCs on different network segments across several switches need to communicate. Simply put, it's the kingpin that keeps your network humming. As one of the core equipments in the network, if the switch can realize the interconnection between different network segments, it will certainly provide more convenient and efficient support for network. Is it possible to communicate between two different network segments within a single vlan?

Both devices on VLAN1, untagged. 33/24 via layer two communication. Is this possible?

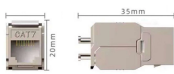
Just to clarify a bit further, I don't think this would be advisable, but would. I have a WAN router that's on 172. We are using a Cisco 2800 on both segments. 07-23-2012 02:39 PM Ryan You have not told us. A core switch is a

high-capacity network switch that functions as a network's backbone or core layer. It's responsible for accurately routing communication among layers and departments of different sections.

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To sum up, Layer 2 switches need to be paired with routers to realize the purpose of interconnection between different network segments, while Layer 3 switches do not need to build ...



Layer 2 switches work at the data link layer and forward data frames based on MAC addresses, and they must use routers to realize the interconnection between different network ...



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A core switch in networking serves as the high-capacity backbone, italic centralizing data flow and ensuring efficient communication between different network segments.



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A network bridge is a device that connects two or more separate network segments and forwards traffic between them. Bridges operate at the data link layer of the OSI model and use the ...



Ethernet is supposed to communicate within Ethernet segments, so that will of course work. As you indicate that you want hosts with IP addresses to communicate, that is NOT via ...



Solved: I have a WAN router that's on 172.x.x.x segment, and another WAN router that's on a 147.x.x.x segments. How can I make them communicate, I would like to interconnect both ...



Core switches form an integral part of this framework, ensuring efficient communication and data transfer between multiple networks. Often regarded as the backbone of a computer ...



To provide link redundancy, two sets of two switches have an inter-switch link to their closest FortiSwitch neighbor with a second 10-GbE link, forming two distinct loops.



Core switches and access layer switches have different functions in a single network. Core switches facilitate the network's backbone, maximally performing and seamlessly ...

Contact Us

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