

# Multiple network segments accessed by the switch

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 ...

When different servers or storage devices are in different network segments, the switch connects these segments to realize the rapid exchange of data between servers or storage devices, ...

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 ...

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 ...

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 ...

By following this comprehensive guide, you can effectively learn how to configure a switch for network segmentation, enhancing your network's security, performance, and manageability.

The Switch is a network device that is used to segment the networks into different subnetworks called subnets or LAN segments. It is responsible for filtering and forwarding the ...

This guide explores three methods (Layer 3 devices/dual-NIC hosts/firewalls) to connect 192.168.1.0/24 and 192.168.2.0/24 segments, with Huawei switch and Linux examples, addressing ...

Operating at the data link layer (L2) of the OSI model, a network bridge transparently connects two or more network segments, allowing them to function as a single network. NIC bridging ...

A single switch can have multiple VLANs to segment connected devices into logical subnets. Layer 3 network segmentation assigns devices IP addresses on different logical subnets.

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