

# Core switch allows communication between two VLANs

In the Router on the stick method, both switch and router are needed but while using layer 3 switches, a single switch will perform inter-VLAN routing as well as the layer 2 functions (Vlan), ...

This article provides a step-by-step walkthrough, including configuring VLANs on a Cisco switch, setting up trunk ports, creating router sub-interfaces, ...

Once ip routing is enabled and SVIs are up, the switch builds a routing table with connected routes for each VLAN subnet. That's what enables traffic to move between VLANs at wire ...

This article has covered how to configure a switch to support multiple VLANs, and understanding this distinction between managed and unmanaged switches is crucial for successful ...

Inter-VLAN routing is a network configuration technique that allows ...

In order to establish inter-VLAN communication (i.e routing between hosts belonging to different VLANs) you need to have a Layer 3 routing engine in the network. This L3 engine is provided by the Nexus ...

Inter-VLAN routing is a network configuration technique that allows communication between devices on different VLANs (Virtual Local Area Networks) within the same network

The Inter-Switch Link (ISL) protocol is used to interconnect two VLAN-capable Ethernet, Fast Ethernet, or Gigabit Ethernet devices, such as the Catalyst 3000 or 5000 switches and Cisco 7500 routers.

There are four ways to enable the communication between VLANs (InterVLAN Routing being the most popular) using a single switch or router and this article will cover them all, providing an in ...

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.

This article provides a step-by-step walkthrough, including configuring VLANs on a Cisco switch, setting up trunk ports, creating router sub-interfaces, and assigning IP addresses.

A frame from the "native" VLAN is transmitted without VLAN tag on a trunk, so if you use different VLAN IDs as native on both sides of the trunk, those VLANs are bridged and effectively ...

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