



ZTP Thermal & Power

How to enable VLAN communication between two core switches



IP65/IP55 OUTDOOR CABINET

IP54/55

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How to enable VLAN communication between two core switches

What is inter-VLAN routing?

You can forward traffic from one virtual LAN to another and this technique is called inter-VLAN routing.

What is the benefit of inter-VLAN routing?

VLANs can be used to enforce security, creating different zones of security levels for different users or applications. However, in many cases, it.

What are the three methods for inter-VLAN routing?

There are three types of inter-VLAN routing and these are: Legacy Inter-VLAN routing
Uses a router with several Ethernet sockets, linking each to a

Network Segmentation and VLAN Best Practices 2026

Comprehensive guide to network segmentation and VLAN design: strategies, implementation, security benefits, and best practices for enterprise networks.

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How to Configure L2 and L3 InterVlan Routing on Cisco

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.

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Configure Inter-VLAN Routing with Catalyst Switches

By implementing Inter-VLAN routing, organizations can maintain the benefits of VLAN segmentation while still allowing necessary communication

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InterVLAN routing using Layer 3 switch

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

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Solved: Communication between two VLAN'S

With one switch would not be possible. What you can do is use two switches and connect one switch to interface. GigabitEthernet0/0/0 and connect

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Inter VLAN Routing by Layer 3 Switch

As the single broadcast domain is divided into multiple broadcast domains, Routers or layer 3 switches are used for intercommunication between the different VLANs. The process of

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How to Configure VLAN and Inter-VLAN Routing on Cisco



Learn how to configure VLAN and inter-VLAN routing on Cisco switches using CLI. Step-by-step VLAN setup, trunking, router-on-a-stick, and SVI configuration for small to medium-sized business networks.

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How to Create and Configure VLANs on a Cisco Switch

Let's see the following network scenario to help us clarify some concepts. On the LAN network above, we have three VLANs. VLAN 2,3, and 4. VLAN 4 belongs

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Inter-VLAN Routing: Configuration Examples

Learn why inter-VLAN routing is required, understand the different models used for implementing it, and follow examples to configure it.

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Routing Between VLANs & Layer 3 Switches

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.

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Communication between different VLAN

In my previous understanding, there is no way to communicate between two VLANs using only layer 2. After all, this is the purpose of having VLAN. But today, I heard sth really interesting

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Inter-VLAN Routing: RoAS, SVIs & What Breaks First



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

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Routing Between VLANs Overview

Security VLANs improve security by isolating groups. High-security users can be grouped into a VLAN, possibly on the same physical segment, and no users

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Configure Isolated Private VLANs on Catalyst Switches

Note: Some switches (as specified in the Private VLAN Catalyst Switch Support Matrix) currently support only the PVLAN Edge feature. The term

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InterVLAN routing using Layer 3 switch

SVI (Switched Virtual Interface) is a virtual Layer 3 interface for a VLAN. An SVI acts like a router interface, providing an IP gateway for devices in that VLAN. To use

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CONFIGURATION GUIDE: Routing Between VLANs

Trying to establish inter-VLAN communication? Check out our guide to routing between VLANs here! Real problems, hands on examples for each step along the

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Inter-VLAN Routing Configuration

Now at this stage, when you try to ping between Host A and Host B, the ping fails because the two PCs are on separate networks. The router is not



Allowing Two vlans to communicate with each other?

@hakeem123 greetings, To allow different vlans to communicate to each other, you will need to enable routing in your multilayer switch using the following command: #ip routing But now all

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How To Enable Juniper Switch Interface

By default, interface-range is not available to configure in the CLI where the interface statement is available. The article provides an example of

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Virtual Local Area Networks (VLANs)



VLANs, inter-VLAN routing and VLAN Access control lists (ACLs) will work and how you can configure those VLANs on managed layer 3 switches. VLANs NETGEAR MS510TXUP 8-Port

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Inter-VLAN Routing: Ultimate Configuration Guide for Cisco

Learn the configuration of inter-VLAN routing with Cisco routers. Find out more about VLANs and how inter-VLAN communication is facilitated with routers.

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Configure Inter VLAN Routing with Multiple Switches

The question comes up often when talking about inter vlan routing and how this is done with multiple switches in a production environment. Many

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Inter-VLAN Routing: RoAS, SVIs & What Breaks First

Learn inter-VLAN routing with step-by-step Cisco configs for router-on-a-stick and Layer 3 SVIs. Includes HSRP redundancy, DHCP relay, ACLs, and troubleshooting commands.

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What is LAN? , Definition, Features, Topologies, and

Learn what a LAN (Local Area Network) is, how it works, its main features and topologies, and how to set up a modern home or office LAN.

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Cisco IOS 18

If we want some VLAN to be routed (able to communicate) only with some others (and not with all). Or we want to specify communication between



How to Configure L2 and L3 InterVlan Routing on Cisco

As shown in the network diagram below, the topology includes two Nexus access switches (AccessSwitch 1 and AccessSwitch 2) and one Nexus Core Layer 3

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