

The two core switches cannot communicate with each other



Overview

If devices cannot communicate locally, unknown unicasts are flooding, or CPU utilization is high on the switch, follow these steps:

- Clear MAC Address Table: Check MAC Address Learning: Some switches have commands to show learned MAC addresses per port.
- MAC Address Flooding: The switch coming off the edge switch and the last one in the chain are both: C9200CX-12P-2X2G. Double check that the fiber connections are correctly patched and the transceivers are compatible and properly seated in their respective modules. Make sure the SFP modules on both ends of the fiber link. you need trunks between switches; check with `show interface trunk` you need same vlans on all switches to match; number and ids. check it with `show vlan brief`. Usually, All end hosts are connecting to access port and may be on the same vlan. If they are on the same vlan x, then no any type of routing. If you replace the cloud and the modems with one switch to which all routers are connected (as in the attached revised lab), the routers can ping each other without a problem, and without any static or dynamic routing. Packet Tracer does not really have full featured routers, but rather predefined. Users in a VLAN cannot communicate with each other. The link between users is faulty. However, migrating VM2 to another host may allow VM1 to ping VM2. You can follow the following steps to troubleshoot: Check physical connections: Try.



Article Content

Why can't hosts in different subnets communicate with each other?

When they say they cannot communicate with each other, they are presuming the machines are on different switches or different vlans. If you just stuck them on a dumb switch, yes there are ways for

Why can't devices in different subnets talk with each other?

Sorry for the hairsplitting, but your question asks for, why devices in different subnets can't talk. The answer is: yes, they can talk. Now I am sending this comment from a very different subnet

Users in a VLAN Cannot Communicate with Each Other

Users in a VLAN cannot communicate with each other. Possible Causes This fault is commonly caused by one of the following: The link between users is faulty. The interfaces connected to the users are

Why can't hosts in different subnets communicate with each other?

If it's only a L2 switch, then they won't be able to communicate between subnets because a subnet is a logical separation of a network, and if you put two ports in different subnets, they're essentially in

What to do if devices in the same VLAN fail to communicate with each ...

As is shown, two PCs with static IP addresses in the VLAN 10 cannot communicate with each other. The data packets need to pass three switches to be transmitted between the two PCs.

Two computers cannot ping one another

Those two computers cannot communicate with one another. More specifically, neither can get a mac address using ARP, the table lists the entry as INCOMPLETE. Manually setting an

Devices in the same vlan cannot communicate

If plug all three PCs into vlan42, all of them cannot communicate with each other. In short, the issue is that PCs in vlan42 cannot communicate with each other, when trying to ping, it

hyper v devices are not connecting or communicating with each other ...

I have created two VM on my Hyper V for lab set up named as A and B Both are having windows 10 OS, connected to private switch. IP addressing for A is 172.16.0.1 for B 172.16.0.2 but I

My switches do not communicate

Hi everyone ! I have a problem with the communication between two switches, here is the simplified configuration: My PC1 and 3 cannot communicate. Same for my PC2 and 4. There is

Using Eth-Trunk to Connect Two Access Switches to a Core Switch ...

More and more users connecting to the network want to communicate with each other. The links between SwitchA and SwitchB, and between SwitchA and SwitchC require sufficient bandwidth and

Two VMs on the same VLAN or subnet cannot communicate with

At the outset, VM1 and VM2 are unaware of each other's MAC addresses within the same VLAN or subnet. When VM1 pings VM2, it sends an ARP request to a broadcast MAC address,

Network Switch Troubleshooting Guide: Common Problems and

A comprehensive switch troubleshooting from the physical layer to the data link layer to the network layer to find out why your network switch is not working.

Users in a VLAN Cannot Communicate with Each Other

Users in a VLAN Cannot Communicate with Each Other After commands are configured to troubleshoot faults, pay attention to the configuration validation mode to ensure that the configurations take effect.

ethernet

Let us say, i have two computers (hosts) A and B. Where A has been assigned an IP address of 192.168.1.10/24 and host B has been assigned an IP address of 192.168.2.11/24. And

Trunk connection not working between 2 switches

Make sure the SFP modules on both ends of the fiber link are compatible with each other too. Since you mentioned STP might not be configured on the trunk port, it's crucial to verify.

Why Devices on Different VLANs but on the Same Subnet Can't Communicate ...

With the growing demand for reliable and organized network infrastructure, VLANs have become essential for optimizing and securing organizational communication. However, a common

Computers on different subnets can't talk to each other

I had originally set the router masks to 255.255.255.0, but when I first realized i couldn't communicate between the individual networks, I thought to fix it by having them change the subnet

How to Build Intercommunication between Two Switches: A ...

Connecting two switches or configuring them to prevent access between each other can be complex. This guide will discuss the methods and configurations needed to achieve both scenarios.

Solved: 2 Routers are Unable to communicate.

If you replace the cloud and the modems with one switch to which all routers are connected (as in the attached revised lab), the routers can ping each other without a problem, and

IP Subnetting

There is a way to allow the communication between my workstation and my servers and the Internet. Actually there are a few ways to achieve this and I'm going to show you a few ways, even

Two switches connected but not talking

Just want to clarify which switches they are. The next work on the right can ping around the right side, but not reach the left. The left can ping around the Left side and reach the Cisco

Why Devices on Different VLANs but on the Same Subnet Can't

A common confusion arises when devices are on different VLANs but share the same IP subnet: they can't communicate with each other. Learn why that is so and how to solve it.

Two switches connected but not talking

For some reason the two switches connecting left and right show active link, are in each others ARP tables, and in CDP neighbor but are not actually able to reach each other.

Users Connected to a Single Device in the Same VLAN Cannot Communicate ...

The interfaces connecting to other devices in the VLAN are down. The users in the VLAN are on different network segments. MAC address entries are incorrect. The VLAN configuration is incorrect.

Contact Us

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