

Switch cannot ping the core



Article Overview

The inability of an access switch to ping the core switch is usually caused by missing default gateway settings, VLAN misconfigurations, or routing issues.

Key Causes

1. Missing Default Gateway on Access Switch If the access switch does not have a default gateway configured, it cannot route traffic to devices outside its local VLAN. Ensure the access switch has a default gateway pointing to the core switch's SVI IP for that VLAN:

`ip default-gateway`

Without this, pings to the core switch from the access switch will fail even if the VLAN is active . 2. VLAN and Trunk Configuration Issues

- Verify that the VLAN used for management or inter-switch communication exists on both the core and access switches.
- Ensure trunk ports between the core and access switches allow the necessary VLANs. For example, if VLAN 103 is used for management, it must be allowed on the trunk:

`switchport trunk allowed vlan 103`

- Confirm the access switch port connecting to the core is configured as a trunk if multiple VLANs are required . 3. Layer 3 Routing Problems
- If the access switch is Layer 3 capable and IP routing is enabled, check that it has proper routes to reach the core switch's subnet....

Article Content

Unable to ping router from switch : r/ccna

When the switch trunk port is configured to have vlan 100 as the native vlan, all traffic on vlan100 is untagged, which looks like vlan1

Cannot ping 3850 from 4500X core

I have a very strange but simple problem. I have a 4500X core with a 3850 stack connected. int vlan is configured on

Edge Switch Unable to Ping Internet

Hello All! I have several 48 port Edge Switches that were on a flat network which I am now segmenting into VLANs.

Unable to ping router from switch : r/ccna

I'm currently training for my CCNA and am using Packet Tracer to build simple networks. I ran into an issue where I was unable to

Pinging of VLANS (Core and Access Switch)

3. However, when I test from a laptop connected to an access switch (set to access mode for VLAN 10), the laptop can

Ping Fail from Core Switch

Hey, We just installed some new switches at a remote site. A 3750X as the core switch and around 12 access layer

can't ping from core switch any vlan ip add!

Hi all, so, i configure my core switch (stack of 2 X670V) with different vlan interf ip adresses. all my configuration is on

Cannot ping an IP from Core Switch, but can do it from my PC

172.16.32.1 is the gateway for your subnet but probably isn't the ip address your core is attempting to ping from. I'm guessing your

Can't SSH/ping remote switch from PC but can SSH from other switches ...

So in my network I have a setup where all the switches are on a /26 management network, on a management vlan. I

Unable to ping switch : r/Cisco

Is there something I'm missing? Port 27 goes to the main comms room where the server is that I'm trying to ping from and I can ping

New Switch can't be pinged

I installed a new cisco cbs-250 that cannot be pinged or accessed remotely or when on the wireless network. When

Cannot ping 3850 from 4500X core

I have a 4500X core with a 3850 stack connected. int vlan is configured on the core with 192.168.1.1 int vlan is

Vlan Host cannot ping Layer 3 core switch

Hello, I am a beginner in packet tracer. In here, I'm using access, distrib (has trunking), core switches shown in my

Cannot ping management interfaces of the new Cisco switches

Hi Friends, My task was to add new switches to the existing environment. So, the Setup is as below. So, i have these

I can't ping to the switch before I ping the core!

Ideally, try pinging it from its LAN. If you can reach it from there then it's probably a firewall/access control issue. If you

Can't ping from core switch to other VLANs.

Hi all, Here is my network diagram: From the core switch, I can only ping to vlan 1 (10.65.0.0/24). I can't ping to other

Downstream HPE switch access

I cannot ssh or ping the right side / lower numbers (6.2,.3 .4) from core or left side. When I'm in the right side, I can

A device can be pinged from core switch (router) but not the switch it ...

In a nut shell, why can I ping a device at a school on the core switch but not on the switch the device is plugged into

cannot ssh and ping to other switches

Hi, we had a network management machine which we removed long time ago and now i have added another machine

Cant ping pc connected to switch

I can ping both x440 from the core and the core from them. I also can ping switch 4 from switch 11 but not the other

Troubleshooting virtual machine network connection issues

Note: On a virtual standard switch, virtual machines cannot be placed on a vmkernel port group. Standard switches

Internet not reaching Core/Access Switch

Router has internet but Core Switch not picking, what i'm i missing? Router and Switch can ping each other Router

Core switch not generating arp requests in response to ping

There is no communication with the device until you ping it from the core switch. My theory is that the core switch is not

Switch is working but will not ping?

Once all the changes had been saved, the switch & pc ip addresses were now able to be pinged. However, back in

Unable to ping switch : r/Cisco

Is the server you are trying to ping the switch from on the same VLAN? If it's not, then unless the switch has a way to route inter

Ping Issues on Client and Access Switch

Ping from our access stack to the server - no replies Ping from the core switch to the server - there are replies We

Pinging of VLANS (Core and Access Switch)

VLAN routing seems to be working on the core switch when I test communication between VLANs by using the

Can ping device from switch but cannot ping from switch to device?

I am able to ping from the attached device (MacBook via ethernet adaptor) to the switch without issue however when I

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.thebucketlistbook.co.za>

Email: sales@thebucketlistbook.co.za

Phone: +33 1 42 78 39 16

Address: 10 Rue de la Paix, 75002 Paris, France

This document is for informational purposes only. Specifications subject to change without notice.

