

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 or anywhere else in our school district?

VLAN routing seems to be working on the core switch when I test communication between VLANs by using the command `"ping [VLAN 10 SVI] source [VLAN 20 SVI]"`. The VLANs can ping ...

Look for me Access switch do not aware the IP coming from Core switch to reach back. so make sure Access switch aware routing setup correctly using `ip route` command.

The only difference I see on the core switch is that there is an ACL that permits access from the VLAN we're trying to ping from, but it's set to `"ip access-group OUT"` and not `"IN"` as with ...

The core switch is used in the center of your network, while an access switch is placed on its edge. The main difference between these two kinds of hardware is that one performs more functions than ...

`MAC Access-list Config Switch (Config-mac-access-list)#` Allows you to create a MAC Access-List and to enter the mode containing MAC Access-List configuration commands.

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 reach it even from its LAN then it's possible that the ...

I can ping from devices in one VLAN to all the VLAN interfaces configured on the core switch (e.g. from 172.16.10.5 to 172.16.10.1, 172.16.20.1, 172.16.30.1, etc.).

If the only problem appears to be pinging the 2961, itself, ping response is considered a low priority task on Cisco network devices, and as such, the switch may ignore some or all ping ...

Comprehensive guide to Core, Distribution, and Access Switches. Roles in the network and important parameters explained.

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