

GDR Telecom Site Energy Systems

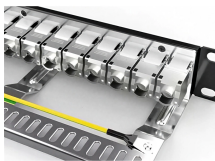
Unable to ping the core switch from the external network



Unable to ping the core switch from the external network



Like with every host using the IP protocol, without the default gateway, your switch should be able to ping anyone in its own IP subnet but won't be able to ping anyone outside its own subnet.



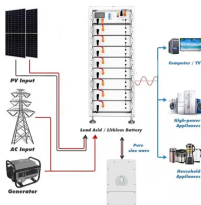
Running a packet capture on a laptop connected to the wireless while trying to ping the new switch shows the packets just leaving the network out of the WAN interface.



This is likely related to how the vlans are setup with the gateways on the core switch, and the vlan where the mgmt interface is on the edge switch where the device is connected.



It is used by network devices such as routers, to send error messages and operational information to the source IP address when network problems prevent delivery of IP packets.



The FDB should show the MAC of the switch on the ports in the direction of the switch. If this is not the case, either the VLAN is not extended across a link, or for some other reason, traffic ...



Solved: I have set up a core stack of 3750 switches (3750e, 3750g, and 3750v1 w/PoE) that seems to be running solid. I connected 2 gigabit trunks from the core to a Front of House switch ...



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 to the router, boom, vlan hopping, that's why you can ping the ...



If the remote end can successfully ping the switch but the switch cannot ping the remote end, check whether the ping function is disabled on the remote end (for example, ping is prohibited ...



In this video, CBT Nuggets trainer Knox Hutchinson discusses troubleshooting external network issues. He explains three simple commands: ping, traceroute, and nslookup.

Contact Us

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

Website: <https://gdroofing.co.za>

Email: sales@gdroofing.co.za

Phone: +27 72 418 9365

Address: 22 Electron Avenue, Isando, Johannesburg, 1600, South Africa

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

