Problem: Skills Integration Challenge 3.4.1.2 (Under Module 7 on Netacad)

Accessing CLI - double click Router/Switch, select CLI tab

Test connectivity

* Open a PC, open the Command prompt
* Ping a PC from the same VLAN
  + PC4 and PC1
* If not response, pc cant access the other!

Steps

* Addressing
* En
* Conf t
* Int vlan 88
* ip address 172.31.88.4 255.255.255.0
* No shut
* Ip default-gateway 172.31.88.1
* Vlan 10
* Name Sales
* Vlan 20
* Name Production
* Vlan 30
* Name Marketing
* Vlan 88
* Name Management
* Vlan 99
* Name Native
* Exit
* Int range f0/1-6
* Switch mode access
* Switch access vlan 30
* Int range f0/7-12
* Switch mode access
* Switch access vlan 10
* Int range f0/13-20
* Switch mode access
* Switch access vlan 20
* Int g0/2
* Switchport mode trunk
* Switchport trunk native vlan 99
* switchport nonegotiate
* Switchport trunk allowed vlan 10,20,30,88,99
* Exit
* Basic switch security
  + Enable secret itsasecret
  + Line con 0
  + Password letmein
  + Login
  + Line vty 0 15
  + Password c1$c0
  + Login
  + Exit
  + Service password-encryption
  + Banner motd \*Authorized Access Only!!\*
* Shut down unused ports
  + Do show run
  + Int range f0/1-5, f0/7-10, f0/12-17, f0/19-24, g0/1
  + Shut
* Configure security on f0/6
  + Int f0/6
  + Switchport port-security
  + Switchport port-security maximum 2
  + Switchport port-security mac-address sticky
  + Switchport port-security violation restrict

# Netmask Table

