

Q7) Configure a management VLAN and assign an IP address for remote access. Test SSH or Telnet access to the switch.



Configure a Management VLAN

Create VLAN 10 (Management VLAN) and Assign VLAN 10 to the switch's management interface (VLAN 10)

```

Switch>enable
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#vlan 10
Switch(config-vlan)#name Management
Switch(config-vlan)#exit
Switch(config)#interface vlan 10
Switch(config-if)#
%LINK-5-CHANGED: Interface Vlan10, changed state to up

Switch(config-if)#ip address 192.168.1.1 255.255.255.0
Switch(config-if)#no shutdown
Switch(config-if)#exit
Switch(config)#interface FastEthernet0/1
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 10
Switch(config-if)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan10, changed state to up
exit
Switch(config)#
Switch(config)#exit
Switch#
%SYS-5-CONFIG I: Configured from console by console

```

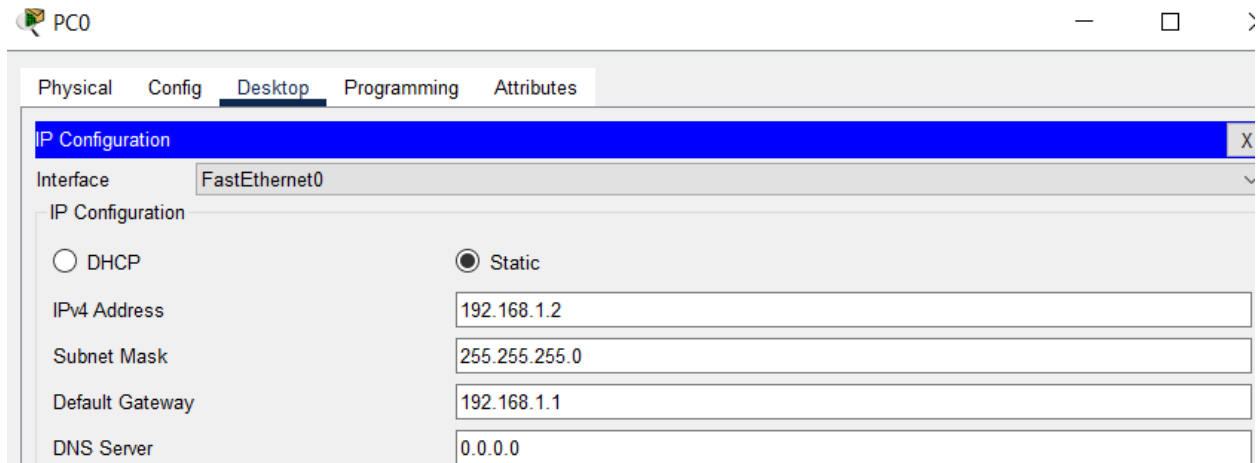
Enable Telnet

```

Switch(config-line)#exit
Switch(config)#
Switch(config)#line vty 0 4
Switch(config-line)#transport input telnet
Switch(config-line)#password cisco
Switch(config-line)#login
Switch(config-line)#exit
Switch(config)#write memory
^

```

Assigning the IP Address



Test Remote Access

```
C:\>
C:\>telnet 192.168.1.1
Trying 192.168.1.1 ...Open

User Access Verification

Password:
Switch>
```