

Screenshot (7).png

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COM3 - PuTTY
Press RETURN to get started.

SW1-1>
SW1-1>en
SW1-1#conf t
Enter configuration commands, one per line. End with CNTL/Z.
SW1-1(config)#host SW1
SW1(config)#vlan 10
SW1(config-vlan)#name Administration
SW1(config-vlan)#vlan 20
SW1(config-vlan)#name Sales
SW1(config-vlan)#exit
SW1(config)#int fa0/1
SW1(config-if)#switchport access vlan 10
SW1(config-if)#int range fa0/7 - 15
SW1(config-if-range)#switchport access vlan 20
SW1(config-if-range)#int fa0/21
SW1(config-if)#switchport access vlan 10
SW1(config-if)#int fa0/24
SW1(config-if)#switchport trunk encapsulation dot1q
SW1(config-if)#switchport mode trunk
SW1(config-if)#end
SW1#
*Mar 1 01:21:39.022: %SYS-5-CONFIG_I: Configured from console by console
*Mar 1 01:21:40.003: %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/24, changed state to down
*Mar 1 01:21:40.003: %LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan1, changed state to down
*Mar 1 01:21:43.032: %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/24, changed state to up
*Mar 1 01:22:13.046: %LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan1, changed state to up
SW1#>
% Incomplete command.

SW1#show ip interface brief
Interface IP-Address OK? Method Status Protocol
Vlan1 192.168.1.14 YES DHCP up up
FastEthernet0/1 unassigned YES unset up up
FastEthernet0/2 unassigned YES unset down down
FastEthernet0/3 unassigned YES unset down down
FastEthernet0/4 unassigned YES unset down down
FastEthernet0/5 unassigned YES unset down down
FastEthernet0/6 unassigned YES unset down down
FastEthernet0/7 unassigned YES unset up up
FastEthernet0/8 unassigned YES unset down down
FastEthernet0/9 unassigned YES unset down down
FastEthernet0/10 unassigned YES unset down down
FastEthernet0/11 unassigned YES unset down down
FastEthernet0/12 unassigned YES unset down down
FastEthernet0/13 unassigned YES unset down down
FastEthernet0/14 unassigned YES unset up up
FastEthernet0/15 unassigned YES unset down down
FastEthernet0/16 unassigned YES unset down down
FastEthernet0/17 unassigned YES unset down down
FastEthernet0/18 unassigned YES unset down down
FastEthernet0/19 unassigned YES unset down down
FastEthernet0/20 unassigned YES unset down down
FastEthernet0/21 unassigned YES unset up up

SW1#>
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Screenshot (8).png

```
COM3 - PuTTY
% Incomplete command.

SW1#show ip interface brief
Interface      IP-Address      OK? Method Status      Protocol
Vlan1          192.168.1.14    YES DHCP    up          up
FastEthernet0/1 unassigned      YES unset   up          up
FastEthernet0/2 unassigned      YES unset   down        down
FastEthernet0/3 unassigned      YES unset   down        down
FastEthernet0/4 unassigned      YES unset   down        down
FastEthernet0/5 unassigned      YES unset   down        down
FastEthernet0/6 unassigned      YES unset   down        down
FastEthernet0/7 unassigned      YES unset   up          up
FastEthernet0/8 unassigned      YES unset   down        down
FastEthernet0/9 unassigned      YES unset   down        down
FastEthernet0/10 unassigned      YES unset   down        down
FastEthernet0/11 unassigned      YES unset   down        down
FastEthernet0/12 unassigned      YES unset   down        down
FastEthernet0/13 unassigned      YES unset   down        down
FastEthernet0/14 unassigned      YES unset   up          up
FastEthernet0/15 unassigned      YES unset   down        down
FastEthernet0/16 unassigned      YES unset   down        down
FastEthernet0/17 unassigned      YES unset   down        down
FastEthernet0/18 unassigned      YES unset   down        down
FastEthernet0/19 unassigned      YES unset   down        down
FastEthernet0/20 unassigned      YES unset   down        down
FastEthernet0/21 unassigned      YES unset   up          up

SW1#show vlan brief
SW1#show vlan brief
VLAN Name                Status    Ports
-----
1    default                active    Fa0/2, Fa0/3, Fa0/4, Fa0/5
                                           Fa0/6, Fa0/16, Fa0/17, Fa0/18
                                           Fa0/19, Fa0/20, Fa0/22, Fa0/23
10   Administration          active    Gi0/1, Gi0/2
20   Sales                   active    Fa0/1, Fa0/21
                                           Fa0/7, Fa0/8, Fa0/9, Fa0/10
                                           Fa0/11, Fa0/12, Fa0/13, Fa0/14
                                           Fa0/15
1002 fddi-default          act/unsup
1003 token-ring-default    act/unsup
1004 fddinet-default       act/unsup
1005 trinet-default        act/unsup
SW1#%
% Incomplete command.

SW1#show interface trunk
Port      Mode      Encapsulation  Status        Native vlan
Fa0/24    on        802.1q         trunking      1

Port      Vlans allowed on trunk
Fa0/24    1-4094

Port      Vlans allowed and active in management domain
Fa0/24    1,10,20

Port      Vlans in spanning tree forwarding state and not pruned
Fa0/24    1,10,20
SW1#
```

Screenshot (9).png

