

Physical Config

CLI Attributes

IOS Command Line Interface

```
%LINEPROTO-5-UPDOWN: Line protocol on interface FastEthernetU/1, changed state to up
%LINK-5-CHANGED: Interface FastEthernet0/2, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to up
%LINK-5-CHANGED: Interface FastEthernet0/3, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3, changed state to up
Switch>en
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config) #int fa0/1
Switch(config-if) #sw ac vl 10
% Invalid input detected at '^' marker.
Switch(config-if) #sw ac vl 10
% Access VLAN does not exist. Creating vlan 10
Switch(config-if) #no sh
Switch(config-if) #int fa0/2
Switch(config-if) #sw ac vl 20
% Access VLAN does not exist. Creating vlan 20
Switch(config-if) #no sh
Switch(config-if) #exit
Switch(config) #int gi0/1
Switch(config-if) #sw mode trunk
Switch(config-if) #no sh
Switch(config-if) #exit
Switch(config) #int gi0/1
Switch(config-if) #sw mode trunk
Switch(config-if)#
Switch(config-if) #exit
Switch(config) #interface FastEthernet0/1
Switch(config-if)#
```

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PRINCIPLE OF THE MANUEL OF THE PRINCIPLE OF THE PRINCIPLE
Switch(config-if) #sw mode trunk
Switch(config-if) #no sh
Switch (config-if) #exit
Switch (config) #
%LINK-3-UPDOWN: Interface FastEthernet0/3, changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3, changed state to down
%LINK-5-CHANGED: Interface FastEthernet0/3, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3, changed state to up
Switch(config) #int fa0/3
Switch(config-if) #sw mode trunk
Switch(config-if) #
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3, changed state to down
 %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3, changed state to up
```

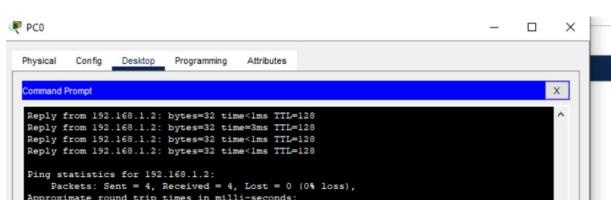
Switch>en
Switch\$conf t
Enter configuration commands, one per line. End with CN:
Switch(config)\$int fa0/1
Switch(config-if)\$sw ac vl 10
\$ Access VLAN does not exist. Creating vlan 10
Switch(config-if)\$no sh
Switch(config-if)\$int fa0/2
Switch(config-if)\$sw ac vl 20
\$ Access VLAN does not exist. Creating vlan 20
Switch(config-if)\$no sh
Switch(config-if)\$no sh
Switch(config-if)\$exit
Switch(config-if)\$exit
Switch(config-if)\$sw mode trunk

Physical Config CLI Attributes

IOS Command Line Interface Switch(config)# Switch(config) #int fa0/1 Switch(config-if) #sw ac vl 10 & Access VLAN does not exist. Creating vlan 10 Switch(config-if) #no sh Switch(config-if) #int fa0/2 Switch(config-if) #sw ac vl 10 Switch(config-if) #sw ac vl 20 & Access VLAN does not exist. Creating vlan 20 Switch(config-if) #no sh Switch (config-if) #exit Switch (config) # %LINK-3-UPDOWN: Interface FastEthernet0/3, changed state to down %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3, changed state to down %LINK-5-CHANGED: Interface FastEthernet0/3, changed state to up %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3, changed state to up %SPANTREE-2-RECV PVID ERR: Received 802.1Q BPDU on non trunk FastEthernet0/3 VLAN1. *SPANTREE-2-BLOCK_PVID_LOCAL: Blocking FastEthernet0/3 on VLAN0001. Inconsistent port type. Switch(config) #int fa0/3 %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3, changed state to down %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3, changed state to up Switch(config-if) #sw mode trunk Switch (config-if) #exit Switch(config) #int fa0/3 Switch(config-if) #sw mode trunk Switch(config-if) #no sh Switch(config-if) #exit Switch (config) #

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Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 3ms, Average = 0ms C:\>ping 192.168.2.2 Pinging 192.168.2.2 with 32 bytes of data: Request timed out. Reply from 192.168.2.2: bytes=32 time<1ms TTL=127 Ping statistics for 192.168.2.2: Packets: Sent = 2, Received = 1, Lost = 1 (50% loss), Approximate round trip times in milli-seconds: Minimum = Oms, Maximum = Oms, Average = Oms Control-C C:\>ping 192.168.2.2 Pinging 192.168.2.2 with 32 bytes of data: Reply from 192.168.2.2: bytes=32 time<1ms TTL=127 Reply from 192.168.2.2: bytes=32 time=3ms TTL=127 Reply from 192.168.2.2: bytes=32 time<lms TTL=127 Reply from 192.168.2.2: bytes=32 time<1ms TTL=127 Ping statistics for 192.168.2.2: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 3ms, Average = 0ms

Туре