

Physical Config Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0090.0C5A.8A2B

IP Configuration

☐ DHCP

☒ Static

IPv4 Address 192.168.0.1

Subnet Mask 255.255.255.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

Link Local Address: FE80::290:CFF:FE5A:8A2B

IOS Command Line Interface

```
Top Assembly Revision Number : B0
Version ID                   : V02
CLEI Code Number             : COM3K00BRA
Hardware Board Revision Number : 0x01
```

| Switch | Ports | Model | SW Version | SW Image |
|--------|-------|---------------|------------|-----------------|
| ----- | ----- | ----- | ----- | ----- |
| * 1 | 26 | WS-C2960-24TT | 12.2 | C2960-LANBASE-M |

```
Cisco IOS Software, C2960 Software (C2960-LANBASE-M), Version 12.2(25)FX, RELEASE SOFTWARE (fc1)
Copyright (c) 1986-2005 by Cisco Systems, Inc.
Compiled Wed 12-Oct-05 22:05 by pt_team
```

```
Press RETURN to get started!
```

```
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up
```

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, 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)#int vlan 1
Switch(config-if)#no sh
```

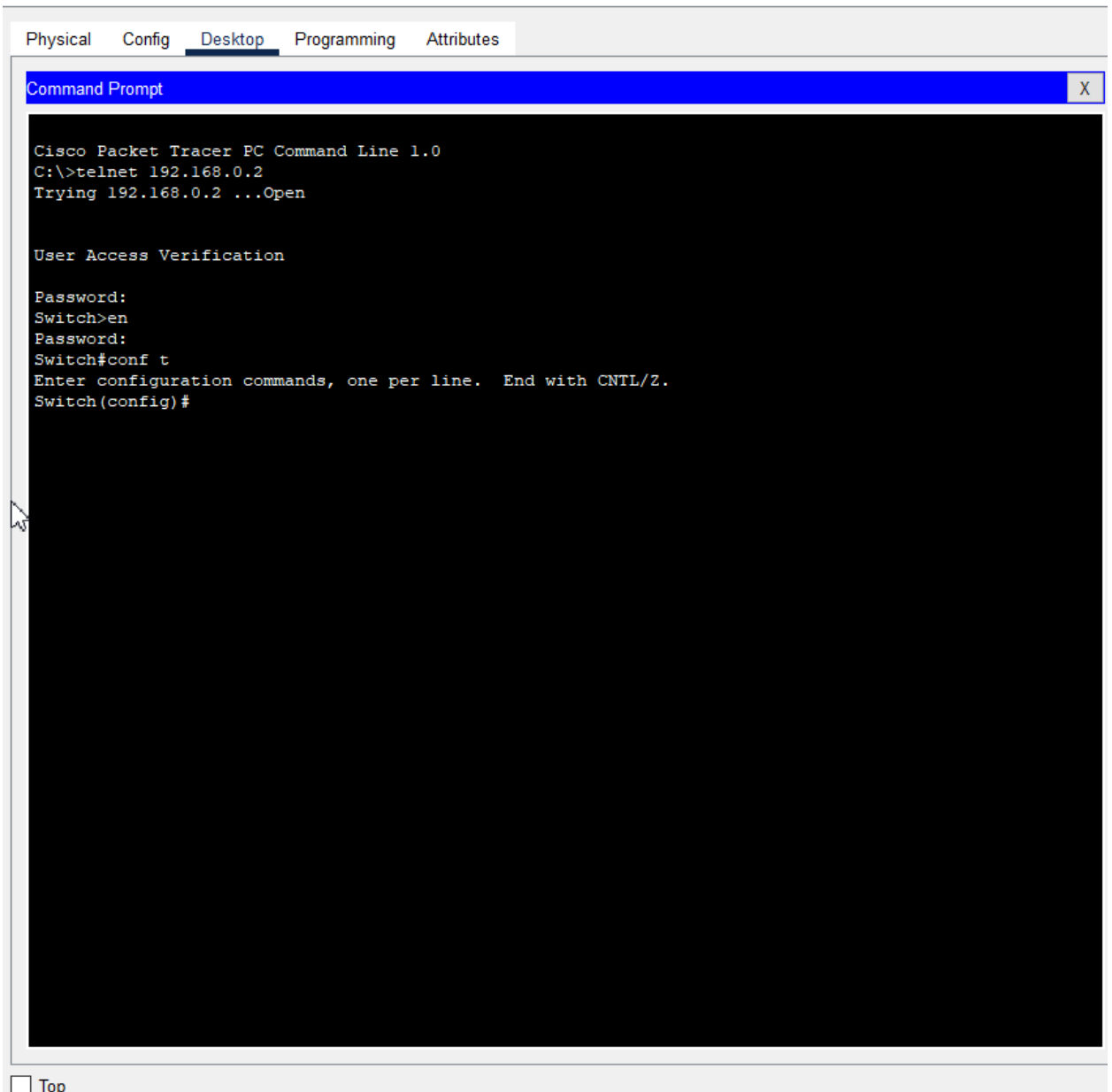
```
Switch(config-if)#
%LINK-5-CHANGED: Interface Vlan1, changed state to up
```

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan1, changed state to up
```

```
Switch(config-if)#ip address 192.168.0.2 255.255.255.0
Switch(config-if)#exit
Switch(config)#int fa0/1
Switch(config-if)#line vty 0 5
Switch(config-line)#pass 123
Switch(config-line)#login
Switch(config-line)#enable pass 123
Switch(config)#
```

Copy

Paste



The image shows a screenshot of a Cisco Packet Tracer PC Command Line window. The window has a title bar with 'PC0' and standard minimize, maximize, and close buttons. Below the title bar is a tabbed interface with four tabs: 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes'. The 'Desktop' tab is currently selected. Inside the window, there is a black terminal area with white text. The text shows a telnet session from a PC to a switch at IP 192.168.0.2. The session starts with the PC command 'telnet 192.168.0.2', followed by the switch's 'User Access Verification' prompt. The user enters 'en' for enable mode, then 'conf t' for configuration mode. The prompt changes from 'Switch>' to 'Switch#' and then to 'Switch(config)#'. The window has a blue title bar for the terminal area and a small 'X' button in the top right corner.

```
Cisco Packet Tracer PC Command Line 1.0
C:\>telnet 192.168.0.2
Trying 192.168.0.2 ...Open

User Access Verification

Password:
Switch>en
Password:
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#
```

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Command Prompt

X

```
Cisco Packet Tracer PC Command Line 1.0
C:\>telnet 192.168.0.2
Trying 192.168.0.2 ...Open

User Access Verification

Password:
Switch>en
Password:
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname sw1
sw1(config)#ip domain name test
sw1(config)#crypto key generate rsa
The name for the keys will be: sw1.test
Choose the size of the key modulus in the range of 360 to 4096 for your
  General Purpose Keys. Choosing a key modulus greater than 512 may take
  a few minutes.

How many bits in the modulus [512]: 768
% Generating 768 bit RSA keys, keys will be non-exportable...[OK]

sw1(config)#ip ssh version 2
*Mar 1 0:14:56.231: %SSH-5-ENABLED: SSH 1.99 has been enabled
sw1(config)#line vty 0 15
sw1(config-line)#transport input ssh
sw1(config-line)#
```