

1. Configure the switchports connecting switches as trunk ports.  
Disable DTP on the ports.

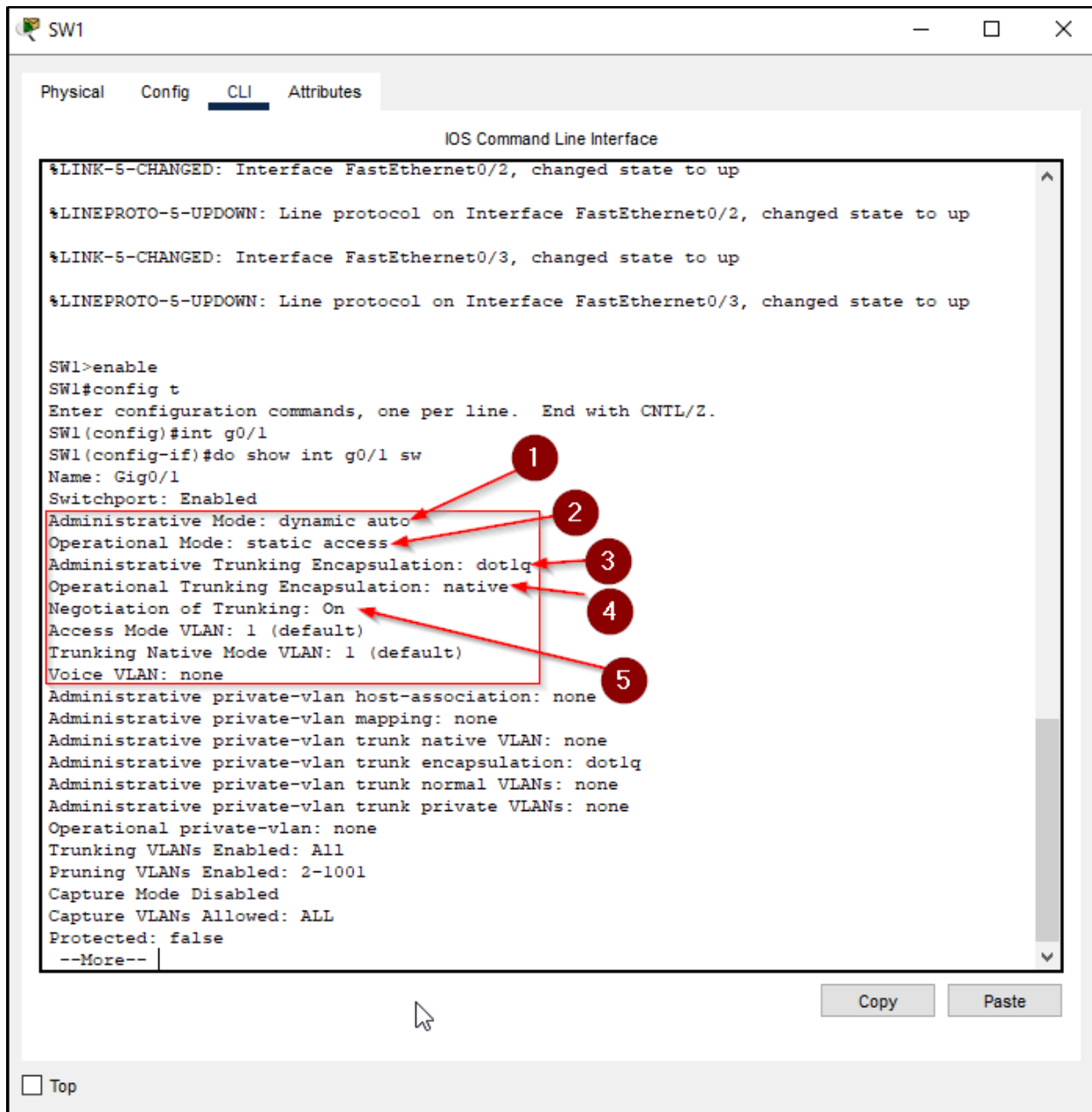


Figure 1.1 – shows switch 1 DTP default settings

Command: show interface gigabitethernet0/1 switchport

- 1- Means that the port can dynamically adapt to the operating mode of its neighbor, the interfaces are in access mode.
- 2- Shows whether the interface is trunk or access port.



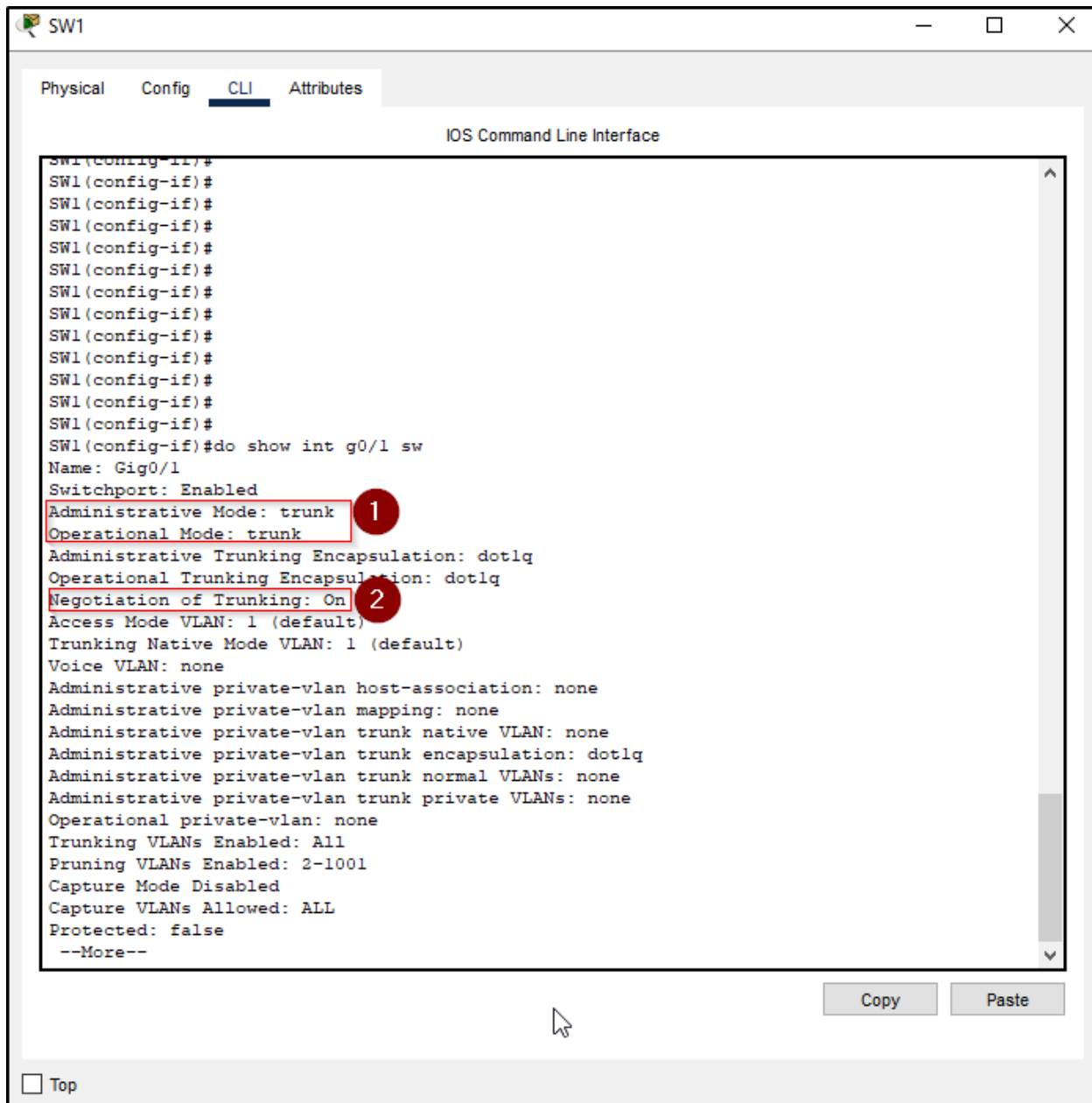


Figure 1.3 – switch 1 after trunk mode configuration

We need to disable DTP negotiation

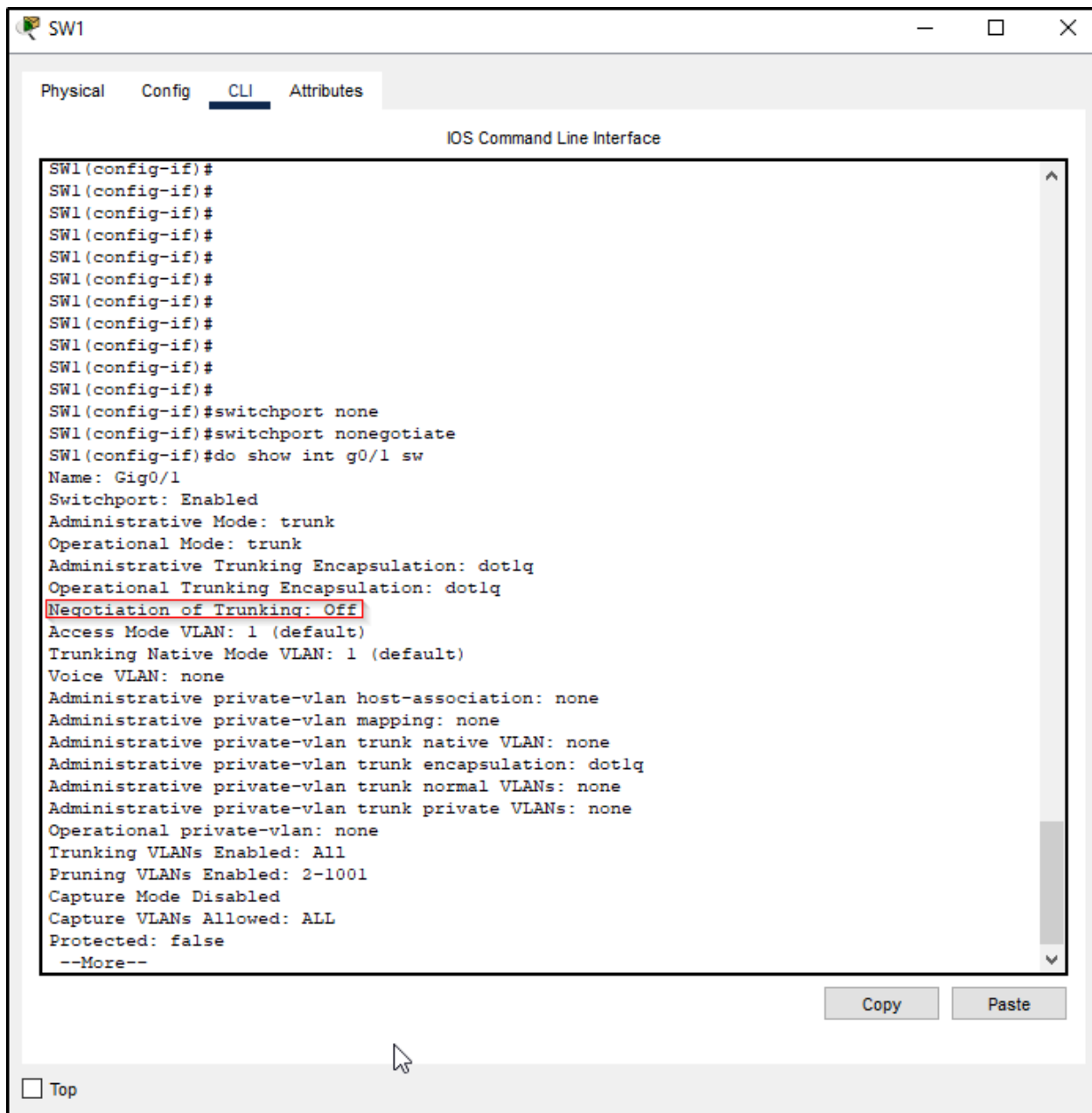



Figure 1.4 – DTP negotiation disabled

 SW2

PhysicalConfigCLIAttributes

IOS Command Line Interface

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to up
%LINK-5-CHANGED: Interface GigabitEthernet0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up
%LINK-5-CHANGED: Interface GigabitEthernet0/2, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/2, changed state to up
%SPANTREE-2-RECV_PVID_ERR: Received 802.1Q BPDU on non trunk GigabitEthernet0/1 VLAN1.
%SPANTREE-2-BLOCK_PVID_LOCAL: Blocking GigabitEthernet0/1 on VLAN0001. Inconsistent port
type.

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up


SW2>
SW2>enable
SW2#config t
Enter configuration commands, one per line. End with CNTL/Z.
SW2(config)#
SW2(config)#int range g0/1-2
SW2(config-if-range)#switchport mode trunk

SW2(config-if-range)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/2, changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/2, changed state to up

SW2(config-if-range)#switchport none
SW2(config-if-range)#switchport nonegotiate
SW2(config-if-range)#
```

CopyPaste

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 SW2

PhysicalConfigCLIAttributes

IOS Command Line Interface

```
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#do show int g0/1 sw
Name: Gig0/1
Switchport: Enabled
Administrative Mode: trunk
Operational Mode: trunk
Administrative Trunking Encapsulation: dot1q
Operational Trunking Encapsulation: dot1q
Negotiation of Trunking: Off
Access Mode VLAN: 1 (default)
Trunking Native Mode VLAN: 1 (default)
Voice VLAN: none
Administrative private-vlan host-association: none
Administrative private-vlan mapping: none
Administrative private-vlan trunk native VLAN: none
Administrative private-vlan trunk encapsulation: dot1q
Administrative private-vlan trunk normal VLANs: none
Administrative private-vlan trunk private VLANs: none
Operational private-vlan: none
Trunking VLANs Enabled: All
Pruning VLANs Enabled: 2-1001
Capture Mode Disabled
Capture VLANs Allowed: ALL
Protected: false
--More--
```

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SW2

Physical

Config

CLI

Attributes

IOS Command Line Interface

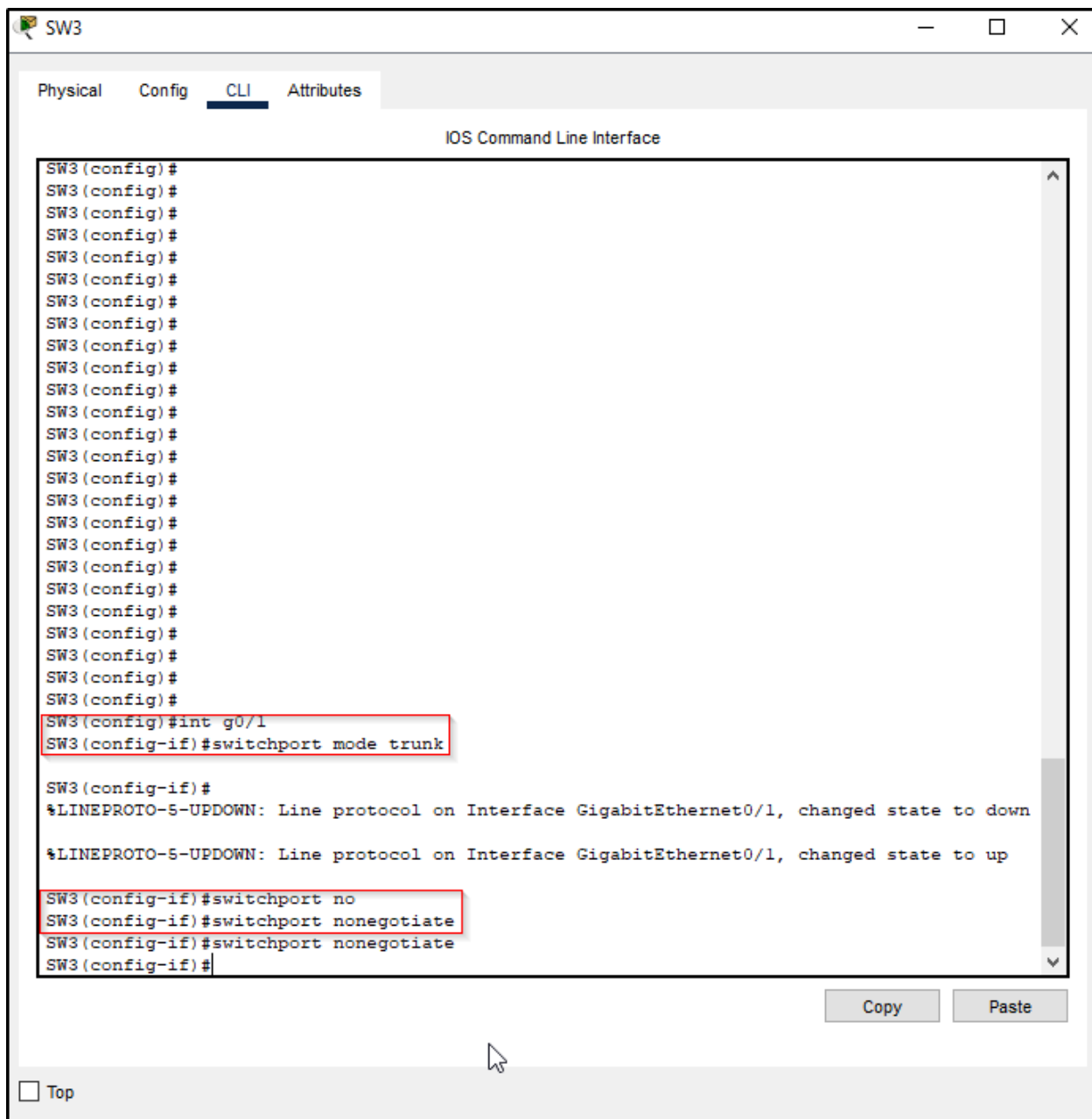
```
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#
SW2(config-if-range)#do show int g0/2 sw
Name: Gig0/2
Switchport: Enabled
Administrative Mode: trunk
Operational Mode: trunk
Administrative Trunking Encapsulation: dot1q
Operational Trunking Encapsulation: dot1q
Negotiation of Trunking: Off
Access Mode VLAN: 1 (default)
Trunking Native Mode VLAN: 1 (default)
Voice VLAN: none
Administrative private-vlan host-association: none
Administrative private-vlan mapping: none
Administrative private-vlan trunk native VLAN: none
Administrative private-vlan trunk encapsulation: dot1q
Administrative private-vlan trunk normal VLANs: none
Administrative private-vlan trunk private VLANs: none
Operational private-vlan: none
Trunking VLANs Enabled: All
Pruning VLANs Enabled: 2-1001
Capture Mode Disabled
Capture VLANs Allowed: ALL
Protected: false
--More--
```

Copy

Paste

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SW3

PhysicalConfigCLIAttributes

IOS Command Line Interface

```
SW3(config-if)#switchport mode trunk

SW3(config-if)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to down


%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up

SW3(config-if)#switchport no
SW3(config-if)#switchport nonegotiate
SW3(config-if)#switchport nonegotiate
SW3(config-if)#
SW3(config-if)#
SW3(config-if)#
SW3(config-if)#do show int g0/1 sw
Name: Gig0/1
Switchport: Enabled
Administrative Mode: trunk
Operational Mode: trunk
Administrative Trunking Encapsulation: dot1q
Operational Trunking Encapsulation: dot1q
Negotiation of Trunking: Off
Access Mode VLAN: 1 (default)
Trunking Native Mode VLAN: 1 (default)
Voice VLAN: none
Administrative private-vlan host-association: none
Administrative private-vlan mapping: none
Administrative private-vlan trunk native VLAN: none
Administrative private-vlan trunk encapsulation: dot1q
Administrative private-vlan trunk normal VLANs: none
Administrative private-vlan trunk private VLANs: none
Operational private-vlan: none
Trunking VLANs Enabled: All
Pruning VLANs Enabled: 2-1001
Capture Mode Disabled
Capture VLANs Allowed: ALL
Protected: false
--More--
```

CopyPaste

☐ Top

2. Configure SW2 as VTP transparent, version 2.  
Configure VLAN40 (name: Accounting) on SW2.

 SW2

Physical

Config

**CLI**

Attributes

IOS Command Line Interface

```
Administrative private-vlan mapping: none
Administrative private-vlan trunk native VLAN: none
Administrative private-vlan trunk encapsulation: dot1q
Administrative private-vlan trunk normal VLANs: none
Administrative private-vlan trunk private VLANs: none
Operational private-vlan: none
Trunking VLANs Enabled: All
Pruning VLANs Enabled: 2-1001
Capture Mode Disabled
Capture VLANs Allowed: ALL
Protected: false
Unknown unicast blocked: disabled
Unknown multicast blocked: disabled
Appliance trust: none

SW2(config-if-range)#
SW2(config-if-range)#do wr
Building configuration...
[OK]
SW2(config-if-range)#
SW2(config-if-range)#exit
SW2(config)#
SW2(config)#do show vtp status
VTP Version           : 1
Configuration Revision : 0
Maximum VLANs supported locally : 255
Number of existing VLANs : 5
VTP Operating Mode     : Server
VTP Domain Name       :
VTP Pruning Mode       : Disabled
VTP V2 Mode            : Disabled
VTP Traps Generation   : Disabled
MD5 digest             : 0x7D 0x5A 0xA6 0x0E 0x9A 0x72 0xA0 0x3A
Configuration last modified by 0.0.0.0 at 0-0-00 00:00:00
Local updater ID is 0.0.0.0 (no valid interface found)
SW2(config)#
```

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SW2

Physical

Config

CLI

Attributes

IOS Command Line Interface

```

VTP traps Generation      : Disabled
MD5 digest                : 0x7D 0x5A 0xA6 0x0E 0x9A 0x72 0xA0 0x3A
Configuration last modified by 0.0.0.0 at 0-0-00 00:00:00
Local updater ID is 0.0.0.0 (no valid interface found)
SW2(config)#
SW2(config)#
SW2(config)#vtp mode trans
SW2(config)#vtp mode transparent
Setting device to VTP TRANSPARENT mode.
SW2(config)#vtp version 2
SW2(config)#vlan 40
SW2(config-vlan)#name Accounting
SW2(config-vlan)#exit
SW2(config)#do show vlan
  
```

VLAN	Name	Status	Ports
1	default	active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/8 Fa0/9, Fa0/10, Fa0/11, Fa0/12 Fa0/13, Fa0/14, Fa0/15, Fa0/16 Fa0/17, Fa0/18, Fa0/19, Fa0/20 Fa0/21, Fa0/22, Fa0/23, Fa0/24
40	Accounting	active	
1002	fddi-default	active	
1003	token-ring-default	active	
1004	fddinet-default	active	
1005	trnet-default	active	

VLAN	Type	SAID	MTU	Parent	RingNo	BridgeNo	Stp	BrdgMode	Trans1	Trans2
1	enet	100001	1500	-	-	-	-	-	0	0
40	enet	100040	1500	-	-	-	-	-	0	0
1002	fddi	101002	1500	-	-	-	-	-	0	0
1003	tr	101003	1500	-	-	-	-	-	0	0
1004	fdnet	101004	1500	-	-	-	ieee	-	0	0

--More--

Copy

Paste

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SW2

Physical

Config

CLI

Attributes

IOS Command Line Interface

```

1004 fddinet-default      active
1005 trnet-default       active

```

VLAN	Type	SAID	MTU	Parent	RingNo	BridgeNo	Stp	BrdgMode	Trans1	Trans2
1	enet	100001	1500	-	-	-	-	-	0	0
40	enet	100040	1500	-	-	-	-	-	0	0
1002	fddi	101002	1500	-	-	-	-	-	0	0
1003	tr	101003	1500	-	-	-	-	-	0	0
1004	fdnet	101004	1500	-	-	-	ieee	-	0	0
1005	trnet	101005	1500	-	-	-	ibm	-	0	0

```

VLAN Type  SAID      MTU    Parent RingNo BridgeNo  Stp  BrdgMode Trans1 Trans2
-----

```

Remote SPAN VLANs

```

-----

```

Primary	Secondary	Type	Ports
-----			

```

SW2(config)#
SW2(config)#
SW2(config)#
SW2(config)#
SW2(config)#do show vtp status
VTP Version           : 2
Configuration Revision : 0
Maximum VLANs supported locally : 255
Number of existing VLANs : 6
VTP Operating Mode     : Transparent
VTP Domain Name       :
VTP Pruning Mode      : Disabled
VTP V2 Mode           : Enabled
VTP Traps Generation  : Disabled
MD5 digest             : 0x2E 0x39 0xFE 0xCC 0x13 0x99 0xE9 0xFF
Configuration last modified by 0.0.0.0 at 2-28-93 17:38:39
SW2(config)#

```

Copy

Paste

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SW1

Physical

Config

CLI

Attributes

IOS Command Line Interface

SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#do show vlan brief

VLAN	Name	Status	Ports
1	default	active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/8 Fa0/9, Fa0/10, Fa0/11, Fa0/12 Fa0/13, Fa0/14, Fa0/15, Fa0/16 Fa0/17, Fa0/18, Fa0/19, Fa0/20 Fa0/21, Fa0/22, Fa0/23, Fa0/24 Gig0/2
10	HR	active	
20	Sales	active	
30	Engineering	active	
1002	fddi-default	active	
1003	token-ring-default	active	
1004	fddinet-default	active	
1005	trnet-default	active	

SW1(config)#

Copy

Paste

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SW1

Physical

Config

CLI

Attributes

IOS Command Line Interface

SW1(config)#  
SW1(config)#  
SW1(config)#do show vlan brief

VLAN Name	Status	Ports
1 default	active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/8 Fa0/9, Fa0/10, Fa0/11, Fa0/12 Fa0/13, Fa0/14, Fa0/15, Fa0/16 Fa0/17, Fa0/18, Fa0/19, Fa0/20 Fa0/21, Fa0/22, Fa0/23, Fa0/24 Gig0/2
10 HR	active	
20 Sales	active	
30 Engineering	active	
1002 fddi-default	active	
1003 token-ring-default	active	
1004 fddinet-default	active	
1005 trnet-default	active	

SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#do show vtp status

VTP Version : 2  
Configuration Revision : 7  
Maximum VLANs supported locally : 255  
Number of existing VLANs : 8  
VTP Operating Mode : Server  
VTP Domain Name :  
VTP Pruning Mode : Disabled  
VTP V2 Mode : Enabled  
VTP Traps Generation : Disabled  
MD5 digest : 0xFF 0x24 0x66 0x0A 0xD2 0xE9 0x23 0x36  
Configuration last modified by 0.0.0.0 at 2-28-93 17:47:40  
Local updater ID is 0.0.0.0 (no valid interface found)  
SW1(config)#

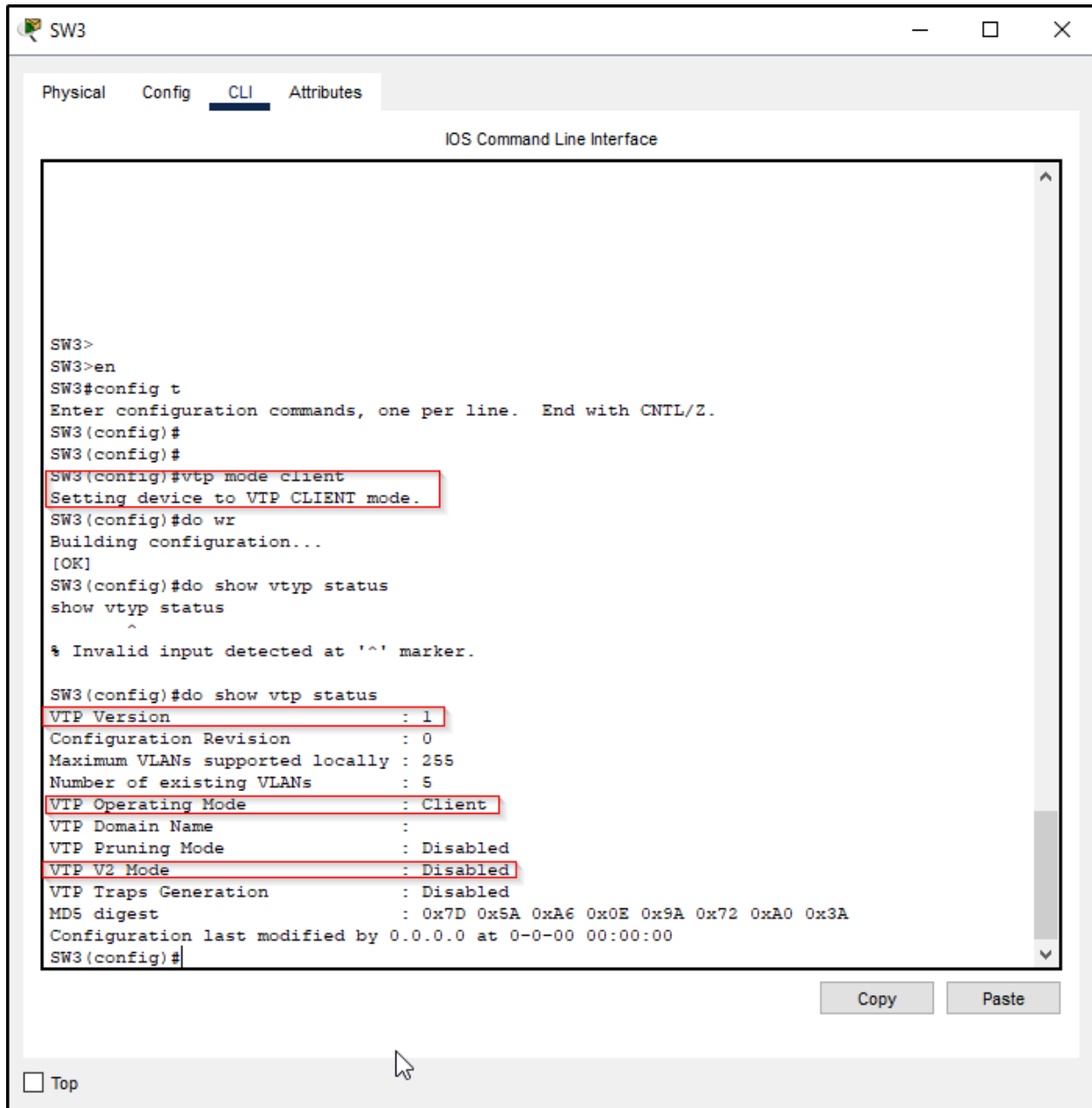
Copy

Paste

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#### 4. Configure SW3 as a VTP client.

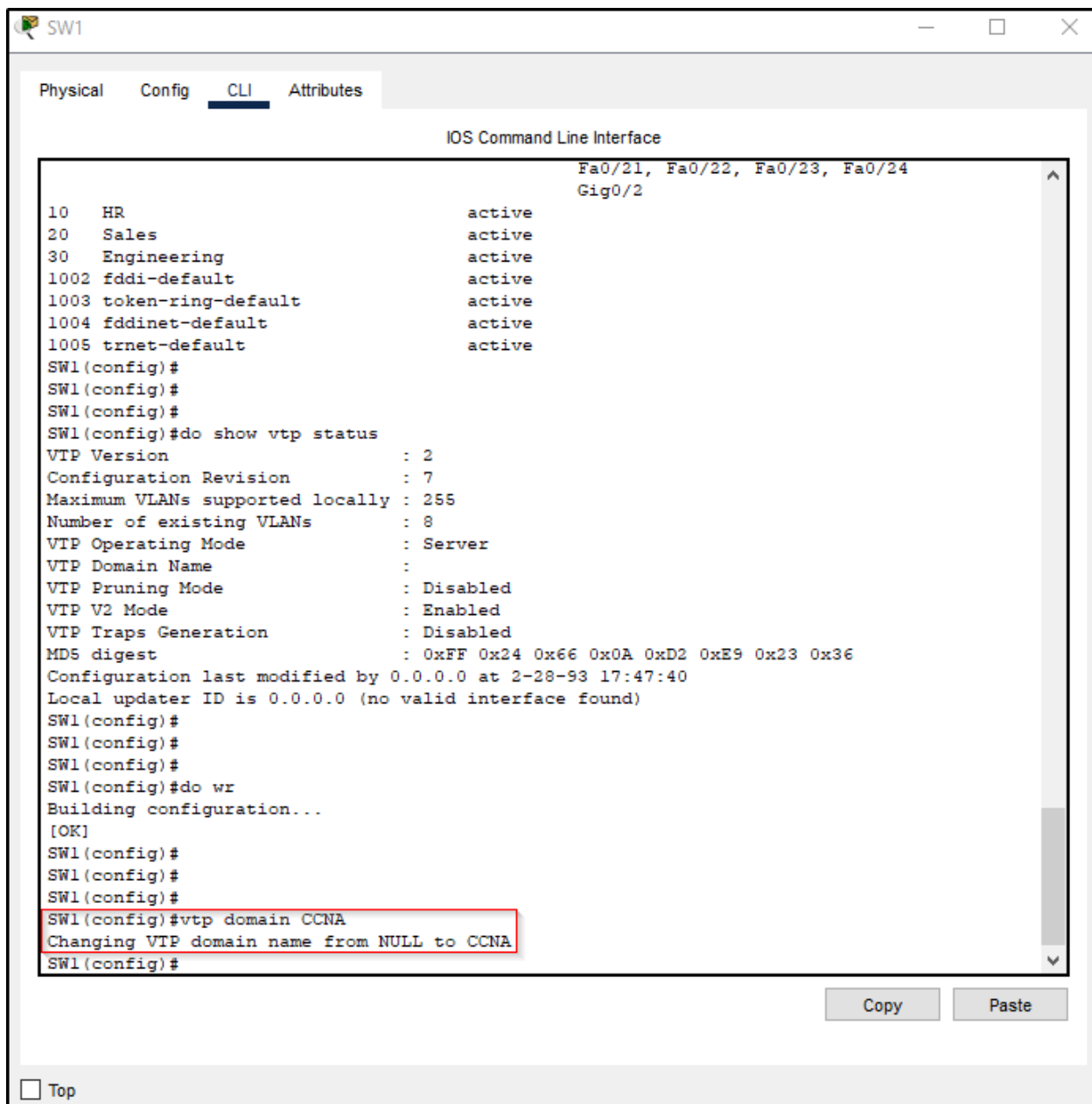


The screenshot shows the CLI interface of a switch named SW3. The interface has tabs for Physical, Config, CLI (selected), and Attributes. The main window displays the following commands and output:

```
SW3>
SW3>en
SW3#config t
Enter configuration commands, one per line. End with CNTL/Z.
SW3(config)#
SW3(config)#
SW3(config)#vtp mode client
Setting device to VTP CLIENT mode.
SW3(config)#do wr
Building configuration...
[OK]
SW3(config)#do show vtp status
show vtp status
^
% Invalid input detected at '^' marker.

SW3(config)#do show vtp status
VTP Version : 1
Configuration Revision : 0
Maximum VLANs supported locally : 255
Number of existing VLANs : 5
VTP Operating Mode : Client
VTP Domain Name :
VTP Pruning Mode : Disabled
VTP V2 Mode : Disabled
VTP Traps Generation : Disabled
MD5 digest : 0x7D 0x5A 0xA6 0x0E 0x9A 0x72 0xA0 0x3A
Configuration last modified by 0.0.0.0 at 0-0-00 00:00:00
SW3(config)#
```

At the bottom of the window, there are "Copy" and "Paste" buttons, and a "Top" button with a checkbox.



SW1

Physical

Config

CLI

Attributes

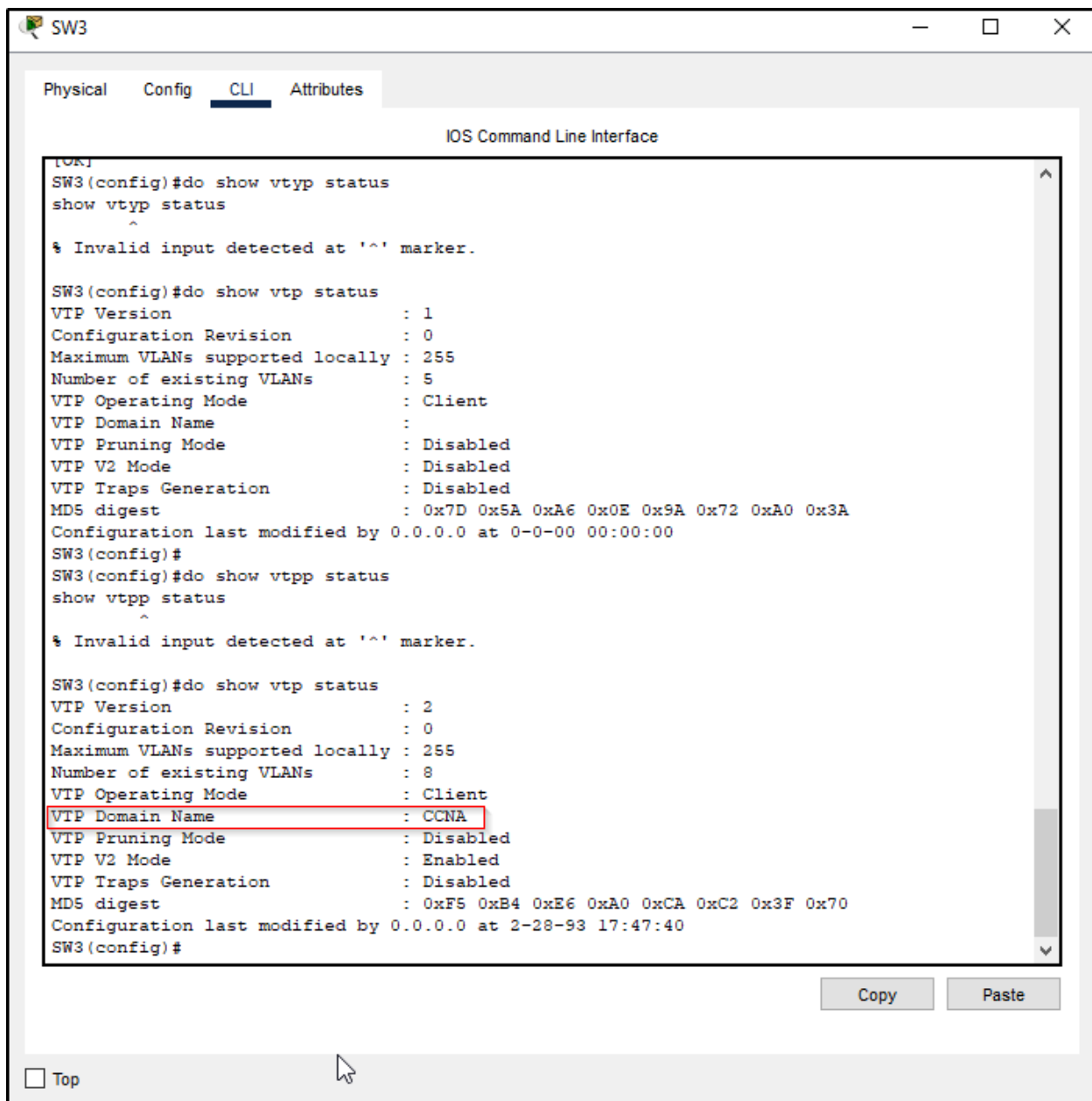
IOS Command Line Interface

Maximum VLANs supported locally : 255  
Number of existing VLANs : 8  
VTP Operating Mode : Server  
VTP Domain Name :  
VTP Pruning Mode : Disabled  
VTP V2 Mode : Enabled  
VTP Traps Generation : Disabled  
MD5 digest : 0xFF 0x24 0x66 0x0A 0xD2 0xE9 0x23 0x36  
Configuration last modified by 0.0.0.0 at 2-28-93 17:47:40  
Local updater ID is 0.0.0.0 (no valid interface found)  
SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#do wr  
Building configuration...  
[OK]  
SW1(config)#  
SW1(config)#  
SW1(config)#  
SW1(config)#vtp domain CCNA  
Changing VTP domain name from NULL to CCNA  
SW1(config)#  
SW1(config)#  
SW1(config)#do show vtp status  
VTP Version : 2  
Configuration Revision : 0  
Maximum VLANs supported locally : 255  
Number of existing VLANs : 8  
VTP Operating Mode : Server  
VTP Domain Name : CCNA  
VTP Pruning Mode : Disabled  
VTP V2 Mode : Enabled  
VTP Traps Generation : Disabled  
MD5 digest : 0xF5 0xB4 0xE6 0xA0 0xCA 0xC2 0x3F 0x70  
Configuration last modified by 0.0.0.0 at 2-28-93 17:47:40  
Local updater ID is 0.0.0.0 (no valid interface found)  
SW1(config)#

Copy

Paste

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SW3

PhysicalConfigCLIAttributes

IOS Command Line Interface

```
SW3(config)#
SW3(config)#do show vtp status
show vtp status
^
% Invalid input detected at '^' marker.

SW3(config)#do show vtp status
VTP Version : 2
Configuration Revision : 0
Maximum VLANs supported locally : 255
Number of existing VLANs : 8
VTP Operating Mode : Client
VTP Domain Name : CCNA
VTP Pruning Mode : Disabled
VTP V2 Mode : Enabled
VTP Traps Generation : Disabled
MD5 digest : 0xF5 0xB4 0xE6 0xA0 0xCA 0xC2 0x3F 0x70
Configuration last modified by 0.0.0.0 at 2-28-93 17:47:40
SW3(config)#do show vlan brief
```

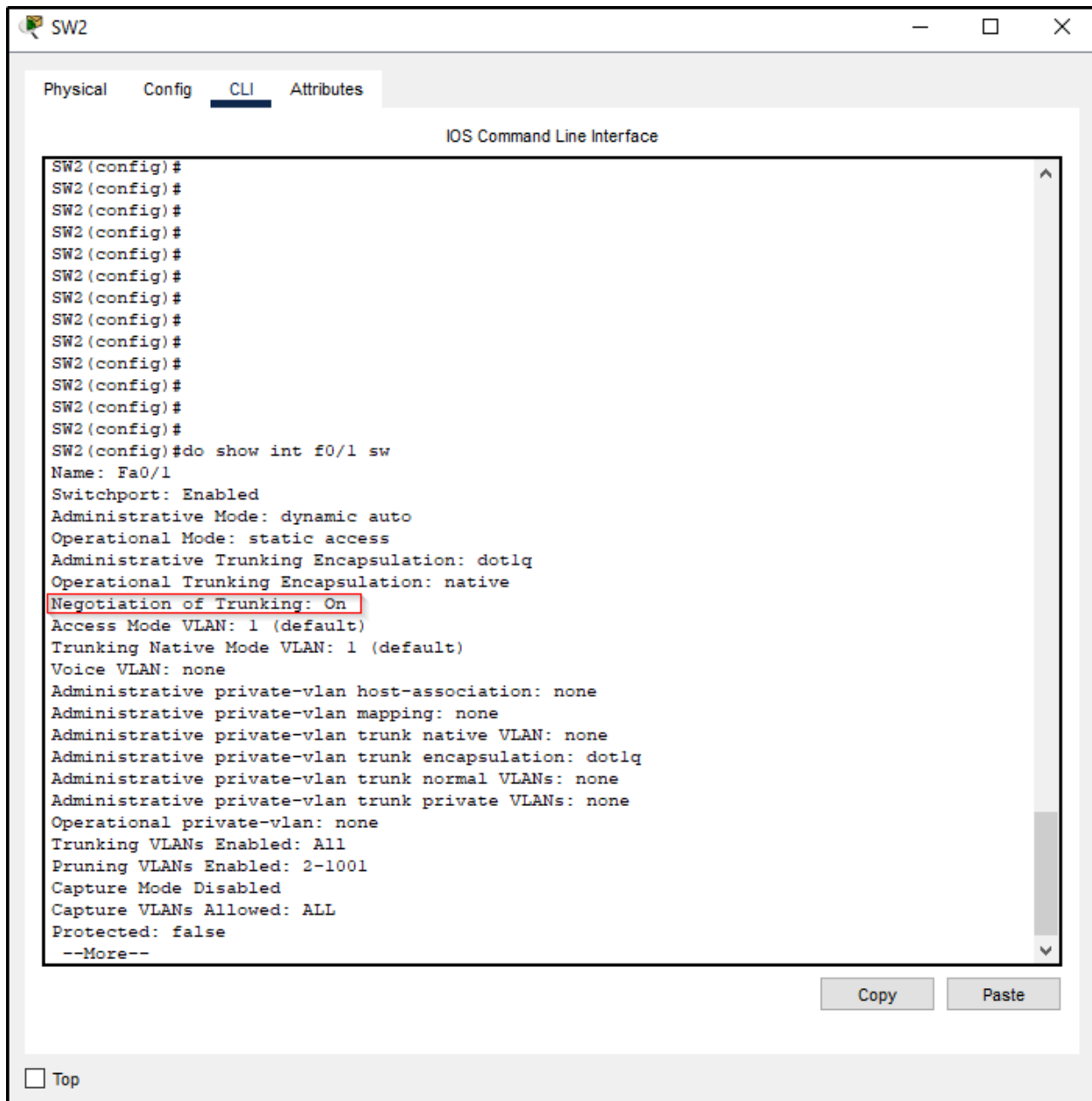
VLAN	Name	Status	Ports
1	default	active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/8 Fa0/9, Fa0/10, Fa0/11, Fa0/12 Fa0/13, Fa0/14, Fa0/15, Fa0/16 Fa0/17, Fa0/18, Fa0/19, Fa0/20 Fa0/21, Fa0/22, Fa0/23, Fa0/24 Gig0/2
10	HR	active	
20	Sales	active	
30	Engineering	active	
1002	fddi-default	active	
1003	token-ring-default	active	
1004	fddinet-default	active	
1005	trnet-default	active	

```
SW3(config)#
```

CopyPaste

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5. Assign all switchports connected to hosts to their proper VLANs, and disable DTP.



The screenshot shows a window titled "SW2" with tabs for "Physical", "Config", "CLI", and "Attributes". The "CLI" tab is active, displaying the "IOS Command Line Interface". The command history shows multiple "SW2(config)#" prompts followed by the command "do show int f0/1 sw". The output of this command is displayed below, with the line "Negotiation of Trunking: On" highlighted by a red rectangular box. At the bottom of the CLI window, there are "Copy" and "Paste" buttons. Below the CLI window, there is a "Top" button.

```
SW2(config)#
SW2(config)#
SW2(config)#
SW2(config)#
SW2(config)#
SW2(config)#
SW2(config)#
SW2(config)#
SW2(config)#
SW2(config)#
SW2(config)#
SW2(config)#
SW2(config)#do show int f0/1 sw
Name: Fa0/1
Switchport: Enabled
Administrative Mode: dynamic auto
Operational Mode: static access
Administrative Trunking Encapsulation: dot1q
Operational Trunking Encapsulation: native
Negotiation of Trunking: On
Access Mode VLAN: 1 (default)
Trunking Native Mode VLAN: 1 (default)
Voice VLAN: none
Administrative private-vlan host-association: none
Administrative private-vlan mapping: none
Administrative private-vlan trunk native VLAN: none
Administrative private-vlan trunk encapsulation: dot1q
Administrative private-vlan trunk normal VLANs: none
Administrative private-vlan trunk private VLANs: none
Operational private-vlan: none
Trunking VLANs Enabled: All
Pruning VLANs Enabled: 2-1001
Capture Mode Disabled
Capture VLANs Allowed: ALL
Protected: false
--More--
```

☐ Top

SW2

Physical

Config

CLI

Attributes

IOS Command Line Interface


```
SW2(config)#
SW2(config)#
SW2(config)#
SW2(config)#
SW2(config)#
SW2(config)#
SW2(config)#switchport mode access
^
% Invalid input detected at '^' marker.

SW2(config)#int range f0/1-2
SW2(config-if-range)#switchport mode access
SW2(config-if-range)#switchport access vlan 40
SW2(config-if-range)#do show int f0/1 sw
Name: Fa0/1
Switchport: Enabled
Administrative Mode: static access
Operational Mode: static access
Administrative Trunking Encapsulation: dot1q
Operational Trunking Encapsulation: native
Negotiation of Trunking: Off
Access Mode VLAN: 40 (Accounting)
Trunking Native Mode VLAN: 1 (default)
Voice VLAN: none
Administrative private-vlan host-association: none
Administrative private-vlan mapping: none
Administrative private-vlan trunk native VLAN: none
Administrative private-vlan trunk encapsulation: dot1q
Administrative private-vlan trunk normal VLANs: none
Administrative private-vlan trunk private VLANs: none
Operational private-vlan: none
Trunking VLANs Enabled: All
Pruning VLANs Enabled: 2-1001
Capture Mode Disabled
Capture VLANs Allowed: ALL
Protected: false
--More--
```

Copy

Paste

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 SW1

PhysicalConfigCLIAttributes

IOS Command Line Interface


```
SW1#config t
Enter configuration commands, one per line. End with CNTL/Z.
SW1(config)#
SW1(config)#
SW1(config)#int range f0/1-2
SW1(config-if-range)#switchport mode access
SW1(config-if-range)#switchport access vlan 10
SW1(config-if-range)#do show f0/1 sw
show f0/1 sw
^
% Invalid input detected at '^' marker.

SW1(config-if-range)#exit
SW1(config)#do show int f0/1 sw
Name: Fa0/1
Switchport: Enabled
Administrative Mode: static access
Operational Mode: static access
Administrative Trunking Encapsulation: dot1q
Operational Trunking Encapsulation: native
Negotiation of Trunking: Off
Access Mode VLAN: 10 (HR)
Trunking Native Mode VLAN: 1 (default)
Voice VLAN: none
Administrative private-vlan host-association: none
Administrative private-vlan mapping: none
Administrative private-vlan trunk native VLAN: none
Administrative private-vlan trunk encapsulation: dot1q
Administrative private-vlan trunk normal VLANs: none
Administrative private-vlan trunk private VLANs: none
Operational private-vlan: none
Trunking VLANs Enabled: All
Pruning VLANs Enabled: 2-1001
Capture Mode Disabled
Capture VLANs Allowed: ALL
Protected: false
--More--
```

CopyPaste

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 SW1

PhysicalConfigCLIAttributes

IOS Command Line Interface

```
SW1(config)#
SW1(config)#do wr
Building configuration...
[OK]
SW1(config)#
SW1(config)#
SW1(config)#
SW1(config)#int range f0/3-4
SW1(config-if-range)#switchport mode access
SW1(config-if-range)#switchport access vlan 20
SW1(config-if-range)#exit
SW1(config)#do show int f0/3 sw
Name: Fa0/3
Switchport: Enabled
Administrative Mode: static access
Operational Mode: static access
Administrative Trunking Encapsulation: dot1q
Operational Trunking Encapsulation: native
Negotiation of Trunking: Off
Access Mode VLAN: 20 (Sales)
Trunking Native Mode VLAN: 1 (default)
Voice VLAN: none
Administrative private-vlan host-association: none
Administrative private-vlan mapping: none
Administrative private-vlan trunk native VLAN: none
Administrative private-vlan trunk encapsulation: dot1q
Administrative private-vlan trunk normal VLANs: none
Administrative private-vlan trunk private VLANs: none
Operational private-vlan: none
Trunking VLANs Enabled: All
Pruning VLANs Enabled: 2-1001
Capture Mode Disabled
Capture VLANs Allowed: ALL
Protected: false
--More--
```

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SW3

Physical

Config

CLI

Attributes

IOS Command Line Interface

Enter configuration commands, one per line. End with CNTL/Z.

SW3(config)#

SW3(config)#int f0/1

SW3(config-if)#switchport mode access

SW3(config-if)#switchport access vlan 10

SW3(config-if)#exit

SW3(config)#

SW3(config)#int range f0/4

SW3(config-if-range)#switchport mode access

SW3(config-if-range)#switchport access vlan 20

SW3(config-if-range)#exit

SW3(config)#

SW3(config)#int range f0/2-3

SW3(config-if-range)#switchport mode access

SW3(config-if-range)#switchport access vlan 30

SW3(config-if-range)#exit

SW3(config)#

SW3(config)#do show int f0/2 sw

Name: Fa0/2

Switchport: Enabled

Administrative Mode: static access

Operational Mode: static access

Administrative Trunking Encapsulation: dot1q

Operational Trunking Encapsulation: native

Negotiation of Trunking: Off

Access Mode VLAN: 30 (Engineering)

Trunking Native Mode VLAN: 1 (default)

Voice VLAN: none

Administrative private-vlan host-association: none

Administrative private-vlan mapping: none

Administrative private-vlan trunk native VLAN: none

Administrative private-vlan trunk encapsulation: dot1q

Administrative private-vlan trunk normal VLANs: none

Administrative private-vlan trunk private VLANs: none

Operational private-vlan: none

Trunking VLANs Enabled: All

Pruning VLANs Enabled: 2-1001

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