

## ROUTEURS :

### Routeur 0 :

```
!
!
interface GigabitEthernet0/0
 ip address 10.130.0.2 255.255.255.252
 duplex auto
 speed auto
!
interface GigabitEthernet0/1
 ip address 10.131.0.1 255.255.255.252
 duplex auto
 speed auto
!
interface GigabitEthernet0/2
 ip address 10.132.0.1 255.255.255.252
 duplex auto
 speed auto
!
interface Vlan1
 no ip address
 shutdown
!
ip classless
ip route 10.10.10.0 255.255.255.240 10.130.0.1
ip route 172.16.30.0 255.255.255.0 10.130.0.1
ip route 172.16.20.0 255.255.255.0 10.130.0.1
ip route 172.16.10.0 255.255.255.0 10.130.0.1
ip route 10.10.30.0 255.255.255.0 10.131.0.2
ip route 10.10.40.0 255.255.255.0 10.131.0.2
ip route 10.10.20.0 255.255.255.0 10.132.0.2
ip route 172.16.100.0 255.255.255.0 10.132.0.2
ip route 10.110.0.0 255.255.255.252 10.130.0.1
!
ip flow-export version 9
!
!
!
```

### Routeur 1 (IT/ateliers) :

```
!
ip dhcp pool VLAN1
 network 172.16.100.0 255.255.255.224
 default-router 172.16.100.1
ip dhcp pool VLAN2
 network 172.16.100.32 255.255.255.224
 default-router 172.16.100.33
ip dhcp pool VLAN3
 network 172.16.100.64 255.255.255.224
 default-router 172.16.100.65
ip dhcp pool VLAN4
 network 172.16.100.96 255.255.255.224
 default-router 172.16.100.97
ip dhcp pool VLAN5
 network 172.16.100.128 255.255.255.224
 default-router 172.16.100.129
ip dhcp pool VLAN6
 network 172.16.100.160 255.255.255.224
 default-router 172.16.100.161
ip dhcp pool VLAN7
 network 172.16.100.192 255.255.255.240
 default-router 172.16.100.193
ip dhcp pool VLAN8
 network 172.16.100.208 255.255.255.240
 default-router 172.16.100.209
ip dhcp pool VLAN9
 network 172.16.100.224 255.255.255.240
 default-router 172.16.100.225
ip dhcp pool VLAN10
 network 172.16.100.240 255.255.255.240
 default-router 172.16.100.241
ip dhcp pool SERVICE_IT
 network 10.10.20.0 255.255.255.0
 default-router 10.10.20.1
!
```

```
interface GigabitEthernet0/0
description Vers rseau principal / Internet
ip address 10.132.0.2 255.255.255.252
duplex auto
speed auto
!
interface GigabitEthernet0/1
description Vers switch SERVICE_IT
ip address 10.10.20.254 255.255.255.0
duplex auto
speed auto
!
interface GigabitEthernet0/2
description Vers switch ATELIER
no ip address
duplex auto
speed auto
!
interface GigabitEthernet0/2.10
encapsulation dot1Q 10
ip address 172.16.100.1 255.255.255.224
!
interface GigabitEthernet0/2.20
encapsulation dot1Q 20
ip address 172.16.100.33 255.255.255.224
!
interface GigabitEthernet0/2.30
encapsulation dot1Q 30
ip address 172.16.100.65 255.255.255.224
!
interface GigabitEthernet0/2.40
encapsulation dot1Q 40
ip address 172.16.100.97 255.255.255.224
!
interface GigabitEthernet0/2.50
encapsulation dot1Q 50
ip address 172.16.100.129 255.255.255.224
!
interface GigabitEthernet0/2.60
encapsulation dot1Q 60
ip address 172.16.100.161 255.255.255.224
!
interface GigabitEthernet0/2.70
encapsulation dot1Q 70
ip address 172.16.100.193 255.255.255.240
!
interface GigabitEthernet0/2.80
encapsulation dot1Q 80
ip address 172.16.100.209 255.255.255.240
!
interface GigabitEthernet0/2.90
encapsulation dot1Q 90
ip address 172.16.100.225 255.255.255.240
!
interface GigabitEthernet0/2.100
encapsulation dot1Q 100
ip address 172.16.100.241 255.255.255.240
!
interface Vlan1
no ip address
!
```

## Routeur 2 (formateurs / serveurs) :

```
!  
!  
interface GigabitEthernet0/0  
ip address 10.131.0.2 255.255.255.252  
duplex auto  
speed auto  
!  
interface GigabitEthernet0/1  
ip address 10.131.20.1 255.255.255.252  
duplex auto  
speed auto  
!  
interface GigabitEthernet0/2  
ip address 10.131.10.1 255.255.255.252  
duplex auto  
speed auto  
!  
interface Vlan1  
no ip address  
shutdown  
!  
ip classless  
ip route 10.110.0.0 255.255.255.252 10.131.0.1  
ip route 10.10.30.0 255.255.255.0 10.131.10.2  
ip route 10.10.40.0 255.255.255.0 10.131.20.2  
ip route 10.10.20.0 255.255.255.0 10.131.0.1  
ip route 10.10.10.0 255.255.255.0 10.131.0.1  
ip route 172.16.100.0 255.255.255.0 10.131.0.1  
ip route 172.16.20.0 255.255.255.0 10.131.0.1  
ip route 172.16.10.0 255.255.255.0 10.131.0.1  
ip route 172.16.30.0 255.255.255.0 10.131.0.1  
!  
ip flow-export version 9
```

## Routeur 3 (serveurs) :

```
!  
interface GigabitEthernet0/0  
description Vers rseau principal / Internet  
ip address 10.131.10.2 255.255.255.252  
duplex auto  
speed auto  
!  
interface GigabitEthernet0/1  
description Vers switch SERVEURS  
ip address 10.10.30.254 255.255.255.0  
duplex auto  
speed auto  
!  
interface GigabitEthernet0/2  
no ip address  
duplex auto  
speed auto  
shutdown  
!  
interface Vlan1  
no ip address  
shutdown  
!  
router rip  
!  
ip classless  
ip route 0.0.0.0 0.0.0.0 10.131.10.1  
!  
ip flow-export version 9
```

#### Routeur 4 (formateurs) :

```
ip dhcp pool FORMATEURS
 network 10.10.40.0 255.255.255.0
 default-router 10.10.40.1
!

interface GigabitEthernet0/0
 description Vers rseau principal / Internet
 ip address 10.131.20.2 255.255.255.252
 duplex auto
 speed auto
!
interface GigabitEthernet0/1
 description Vers switch FORMATEURS
 ip address 10.10.40.254 255.255.255.0
 duplex auto
 speed auto
!
interface GigabitEthernet0/2
 no ip address
 duplex auto
 speed auto
 shutdown
!
interface Vlan1
 no ip address
 shutdown
!
ip classless
ip route 0.0.0.0 0.0.0.0 10.131.20.1
!
ip flow-export version 9
```

#### Routeur 5 :

```
!
interface GigabitEthernet0/0
 ip address 10.130.0.1 255.255.255.252
 duplex auto
 speed auto
!
interface GigabitEthernet0/1
 ip address 10.120.0.2 255.255.255.252
 duplex auto
 speed auto
!
interface GigabitEthernet0/2
 ip address 10.121.0.1 255.255.255.252
 duplex auto
 speed auto
!
interface Vlan1
 no ip address
 shutdown
!
ip classless
ip route 10.110.0.0 255.255.255.252 10.120.0.1
ip route 10.10.10.0 255.255.255.240 10.120.0.1
ip route 172.16.30.0 255.255.255.0 10.120.0.1
ip route 172.16.10.0 255.255.255.0 10.121.0.2
ip route 172.16.20.0 255.255.255.0 10.121.0.2
ip route 172.16.100.0 255.255.255.0 10.130.0.2
ip route 10.10.20.0 255.255.255.0 10.130.0.2
ip route 10.10.40.0 255.255.255.0 10.130.0.2
ip route 10.10.30.0 255.255.255.0 10.130.0.2
!
ip flow-export version 9
```

## Routeur 6 :

```
!  
interface GigabitEthernet0/0  
 ip address 10.120.0.1 255.255.255.252  
 duplex auto  
 speed auto  
!  
interface GigabitEthernet0/1  
 ip address 10.110.0.2 255.255.255.252  
 duplex auto  
 speed auto  
!  
interface GigabitEthernet0/2  
 ip address 10.111.0.1 255.255.255.252  
 duplex auto  
 speed auto  
!  
interface Vlan1  
 no ip address  
 shutdown  
!  
ip classless  
ip route 10.110.0.0 255.255.255.252 10.110.0.1  
ip route 10.10.10.0 255.255.255.240 10.111.0.2  
ip route 172.16.30.0 255.255.255.0 10.111.0.2  
ip route 172.16.10.0 255.255.255.0 10.120.0.2  
ip route 172.16.20.0 255.255.255.0 10.120.0.2  
ip route 172.16.100.0 255.255.255.0 10.120.0.2  
ip route 10.10.20.0 255.255.255.0 10.120.0.2  
ip route 10.10.30.0 255.255.255.0 10.120.0.2  
ip route 10.10.40.0 255.255.255.0 10.120.0.2  
!  
ip flow-export version 9
```

## Routeur 7 (internet) :

```
!  
interface GigabitEthernet0/0  
 ip address 10.110.0.1 255.255.255.252  
 duplex auto  
 speed auto  
!  
interface GigabitEthernet0/1  
 no ip address  
 duplex auto  
 speed auto  
 shutdown  
!  
interface GigabitEthernet0/2  
 no ip address  
 duplex auto  
 speed auto  
 shutdown  
!  
interface Vlan1  
 no ip address  
 shutdown  
!  
ip classless  
ip route 0.0.0.0 0.0.0.0 10.110.0.2  
!  
ip flow-export version 9  
.
```

### Routeur 8 (administration/cours 3) :

```
!
interface GigabitEthernet0/0
 ip address 10.111.0.2 255.255.255.252
 duplex auto
 speed auto
!
interface GigabitEthernet0/1
 ip address 10.11.10.1 255.255.255.252
 duplex auto
 speed auto
!
interface GigabitEthernet0/2
 ip address 10.111.20.1 255.255.255.252
 duplex auto
 speed auto
!
interface Vlan1
 no ip address
!
ip classless
ip route 10.10.10.0 255.255.255.240 10.111.10.2
ip route 172.16.30.0 255.255.255.0 10.111.20.2
ip route 172.16.10.0 255.255.255.0 10.111.0.1
ip route 172.16.20.0 255.255.255.0 10.111.0.1
ip route 172.16.100.0 255.255.255.0 10.111.0.1
ip route 172.16.30.0 255.255.255.0 10.111.0.1
ip route 10.10.20.0 255.255.255.0 10.111.0.1
ip route 10.10.10.0 255.255.255.0 10.111.0.1
ip route 10.10.40.0 255.255.255.0 10.111.0.1
ip route 10.10.30.0 255.255.255.0 10.111.0.1
ip route 10.110.0.0 255.255.255.252 10.111.0.1
!
ip flow-export version 9
```

### Routeur 9 (administration) :

```
ip dhcp pool ADMINISTRATION
 network 10.10.10.0 255.255.255.224
 default-router 10.10.10.1
!

interface GigabitEthernet0/0
 description Vers rseau principal / Internet
 ip address 10.111.10.2 255.255.255.252
 duplex auto
 speed auto
!
interface GigabitEthernet0/1
 description Vers switch ADMINISTRATION
 ip address 10.10.10.1 255.255.255.224
 duplex auto
 speed auto
!
interface GigabitEthernet0/2
 no ip address
 duplex auto
 speed auto
 shutdown
!
interface Vlan1
 no ip address
 shutdown
!
router rip
!
ip classless
ip route 0.0.0.0 0.0.0.0 10.111.10.1
!
ip flow-export version 9
```

### Routeur 10 (salle de cours 3) :

```
ip dhcp pool SALLE_COURS_3
 network 172.16.30.0 255.255.255.0
 default-router 172.16.30.1
.

interface GigabitEthernet0/0
 description Vers rseau principal / Internet
 ip address 10.111.20.2 255.255.255.252
 duplex auto
 speed auto
!
interface GigabitEthernet0/1
 description Vers switch SALLE_COURS_3
 ip address 172.16.30.254 255.255.255.0
 duplex auto
 speed auto
!
interface GigabitEthernet0/2
 no ip address
 duplex auto
 speed auto
 shutdown
!
interface Vlan1
 no ip address
 shutdown
!
ip classless
ip route 0.0.0.0 0.0.0.0 10.111.20.1
!
ip flow-export version 9
```

### Routeur 11 (salles de cours 1/2) :

```
interface GigabitEthernet0/0
 ip address 10.121.0.2 255.255.255.252
 duplex auto
 speed auto
!
interface GigabitEthernet0/1
 ip address 10.121.10.2 255.255.255.252
 duplex auto
 speed auto
!
interface GigabitEthernet0/2
 ip address 10.121.20.1 255.255.255.252
 duplex auto
 speed auto
!
interface Vlan1
 no ip address
 shutdown
!
ip classless
ip route 10.10.10.0 255.255.255.240 10.121.0.1
ip route 172.16.30.0 255.255.255.0 10.121.0.1
ip route 10.10.20.0 255.255.255.0 10.121.0.1
ip route 172.16.100.0 255.255.255.0 10.121.0.1
ip route 10.10.40.0 255.255.255.0 10.121.0.1
ip route 10.10.30.0 255.255.255.0 10.121.0.1
ip route 172.16.20.0 255.255.255.0 10.121.20.2
ip route 172.16.10.0 255.255.255.0 10.121.10.1
ip route 10.110.0.0 255.255.255.252 10.121.0.1
!
ip flow-export version 9
```

### Routeur 12 (salle de cours 1) :

```
ip dhcp pool SALLE_COURS_1
network 172.16.10.0 255.255.255.0
default-router 172.16.10.1
.

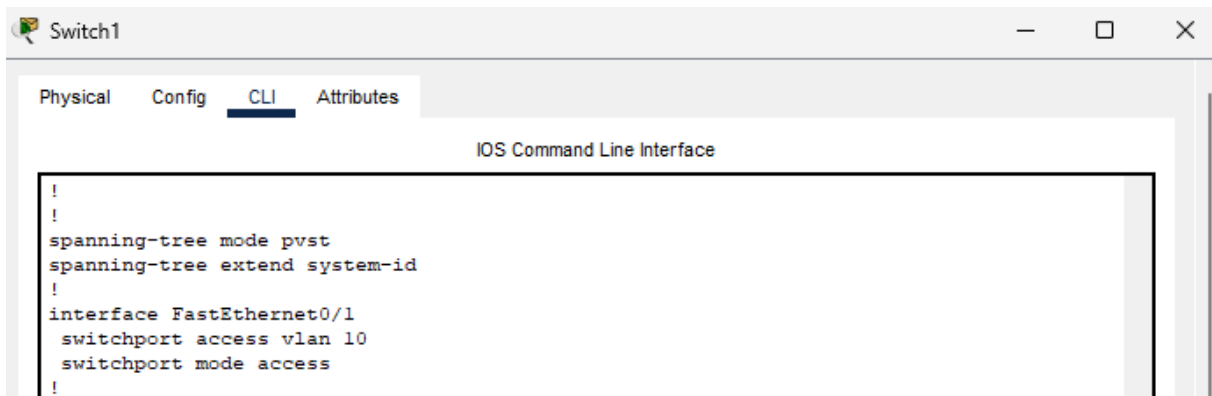
interface GigabitEthernet0/0
description Vers rseau principal / Internet
ip address 10.121.10.1 255.255.255.252
duplex auto
speed auto
!
interface GigabitEthernet0/1
description Vers switch SALLE_COURS_1
ip address 172.16.10.254 255.255.255.0
duplex auto
speed auto
!
interface GigabitEthernet0/2
no ip address
duplex auto
speed auto
shutdown
!
interface Vlan1
no ip address
shutdown
!
ip classless
ip route 0.0.0.0 0.0.0.0 10.121.10.2
!
ip flow-export version 9
.
```

### Routeur 13 (salle de cours 2) :

```
ip dhcp pool SALLE_COURS_2
network 172.16.20.0 255.255.255.0
default-router 172.16.20.1
.

interface GigabitEthernet0/0
description Vers rseau principal / Internet
ip address 10.121.20.2 255.255.255.252
duplex auto
speed auto
!
interface GigabitEthernet0/1
description Vers switch SALLE_COURS_2
ip address 172.16.20.254 255.255.255.0
duplex auto
speed auto
!
interface GigabitEthernet0/2
no ip address
duplex auto
speed auto
shutdown
!
interface Vlan1
no ip address
shutdown
!
ip classless
ip route 0.0.0.0 0.0.0.0 10.121.20.1
!
ip flow-export version 9
.
```

## Switch 1 :

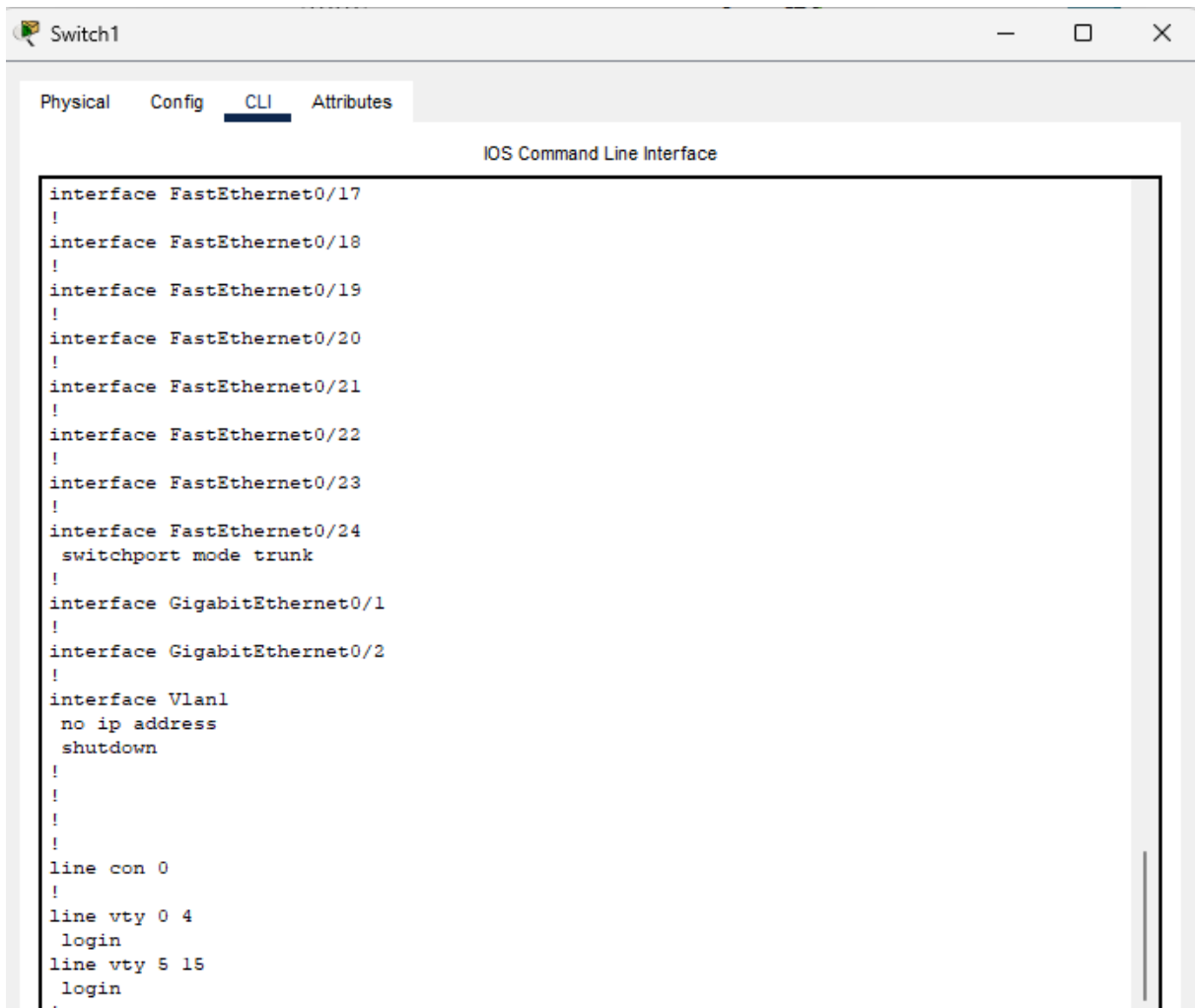


Switch1

Physical Config CLI Attributes

IOS Command Line Interface

```
!  
!  
spanning-tree mode pvst  
spanning-tree extend system-id  
!  
interface FastEthernet0/1  
  switchport access vlan 10  
  switchport mode access  
!
```



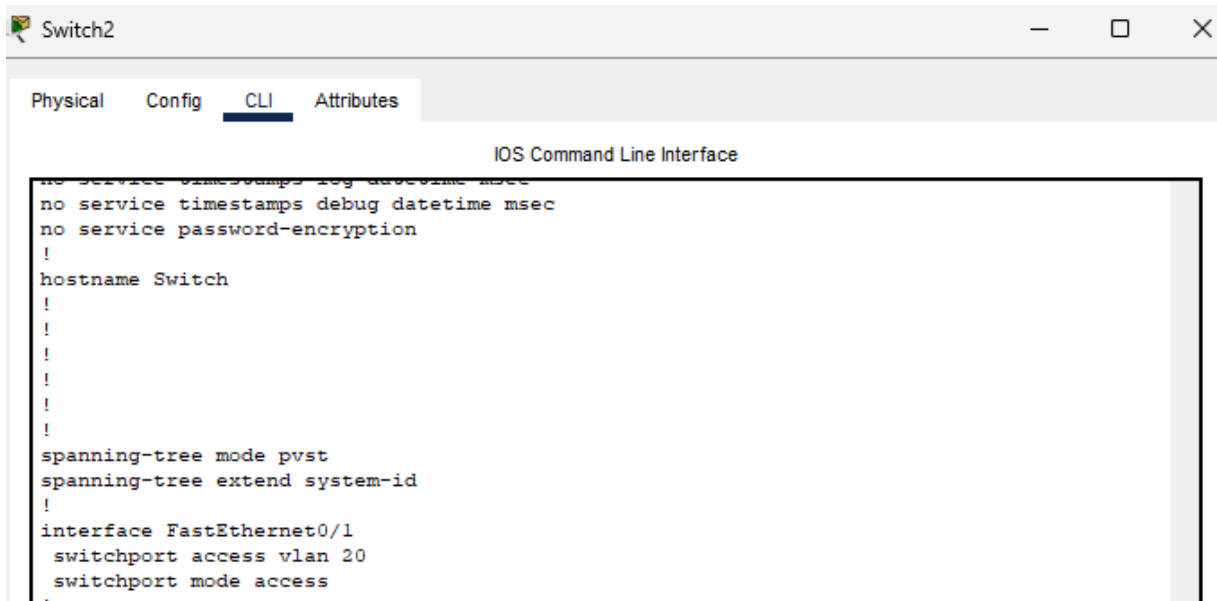
Switch1

Physical Config CLI Attributes

IOS Command Line Interface

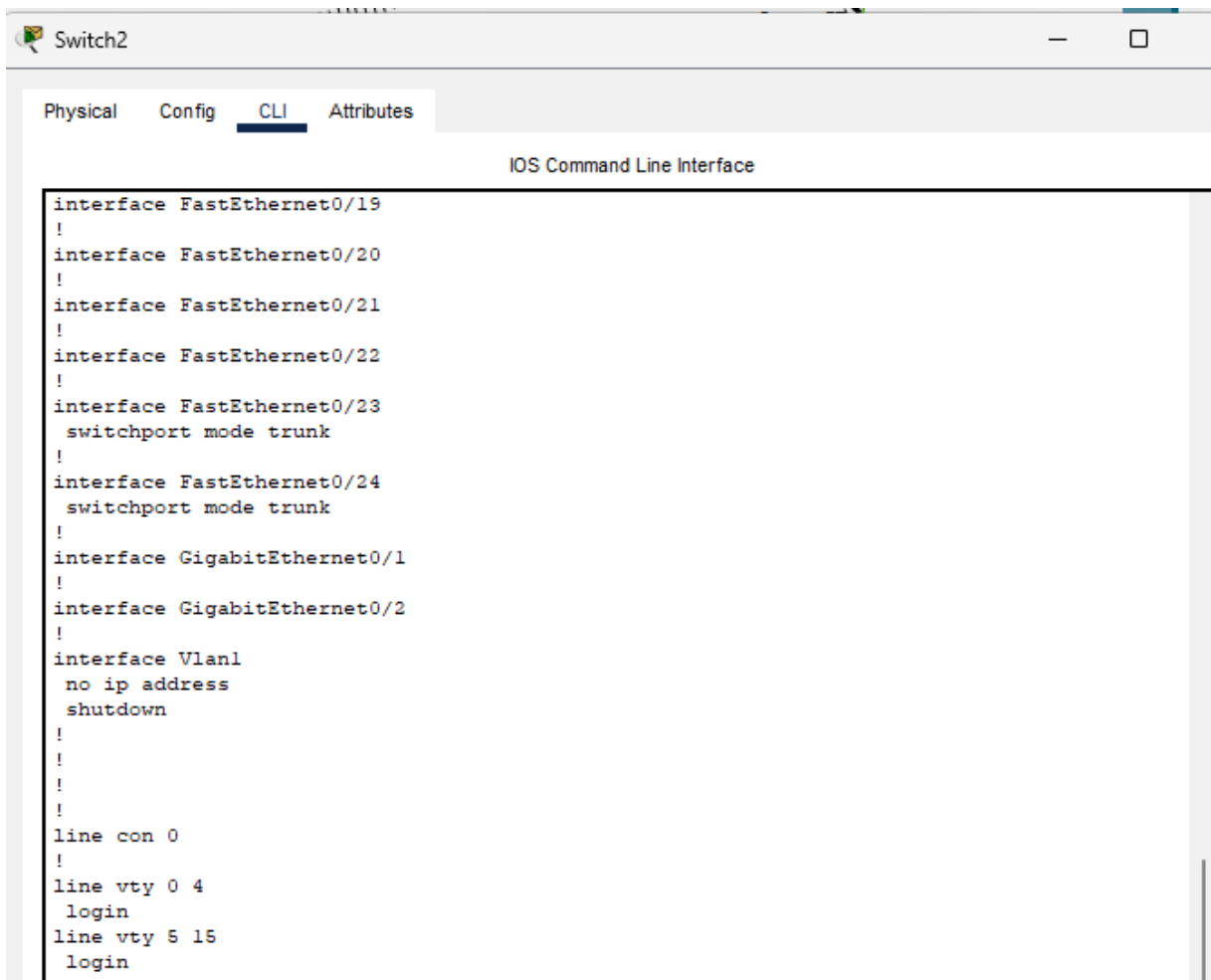
```
interface FastEthernet0/17  
!  
interface FastEthernet0/18  
!  
interface FastEthernet0/19  
!  
interface FastEthernet0/20  
!  
interface FastEthernet0/21  
!  
interface FastEthernet0/22  
!  
interface FastEthernet0/23  
!  
interface FastEthernet0/24  
  switchport mode trunk  
!  
interface GigabitEthernet0/1  
!  
interface GigabitEthernet0/2  
!  
interface Vlan1  
  no ip address  
  shutdown  
!  
!  
!  
!  
line con 0  
!  
line vty 0 4  
  login  
line vty 5 15  
  login  
,
```

## Switch 2 :



The screenshot shows a window titled "Switch2" with tabs for "Physical", "Config", "CLI", and "Attributes". The "CLI" tab is active, displaying the "IOS Command Line Interface". The configuration text is as follows:

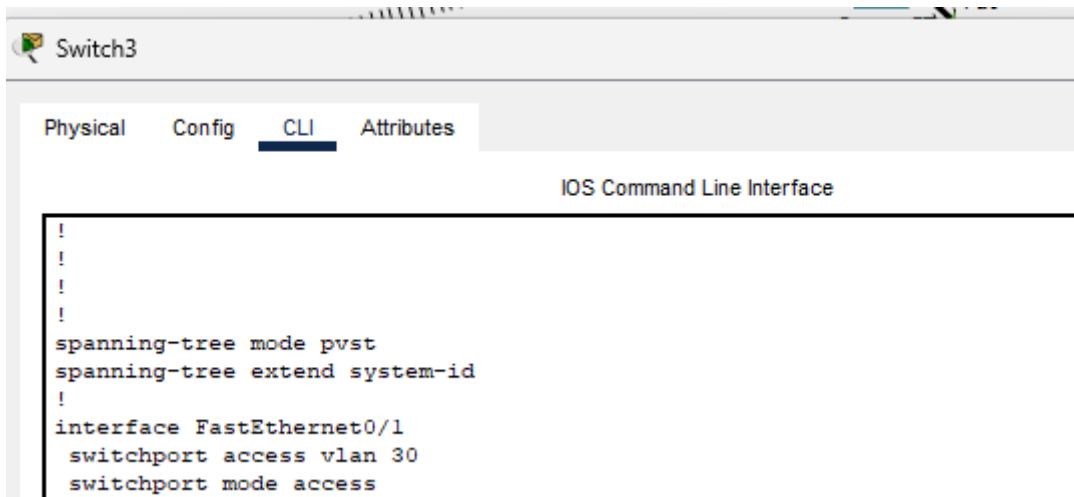
```
no service timestamps debug datetime msec
no service timestamps log datetime msec
no service password-encryption
!
hostname Switch
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
 switchport access vlan 20
 switchport mode access
.
```



The screenshot shows a window titled "Switch2" with tabs for "Physical", "Config", "CLI", and "Attributes". The "CLI" tab is active, displaying the "IOS Command Line Interface". The configuration text is as follows:

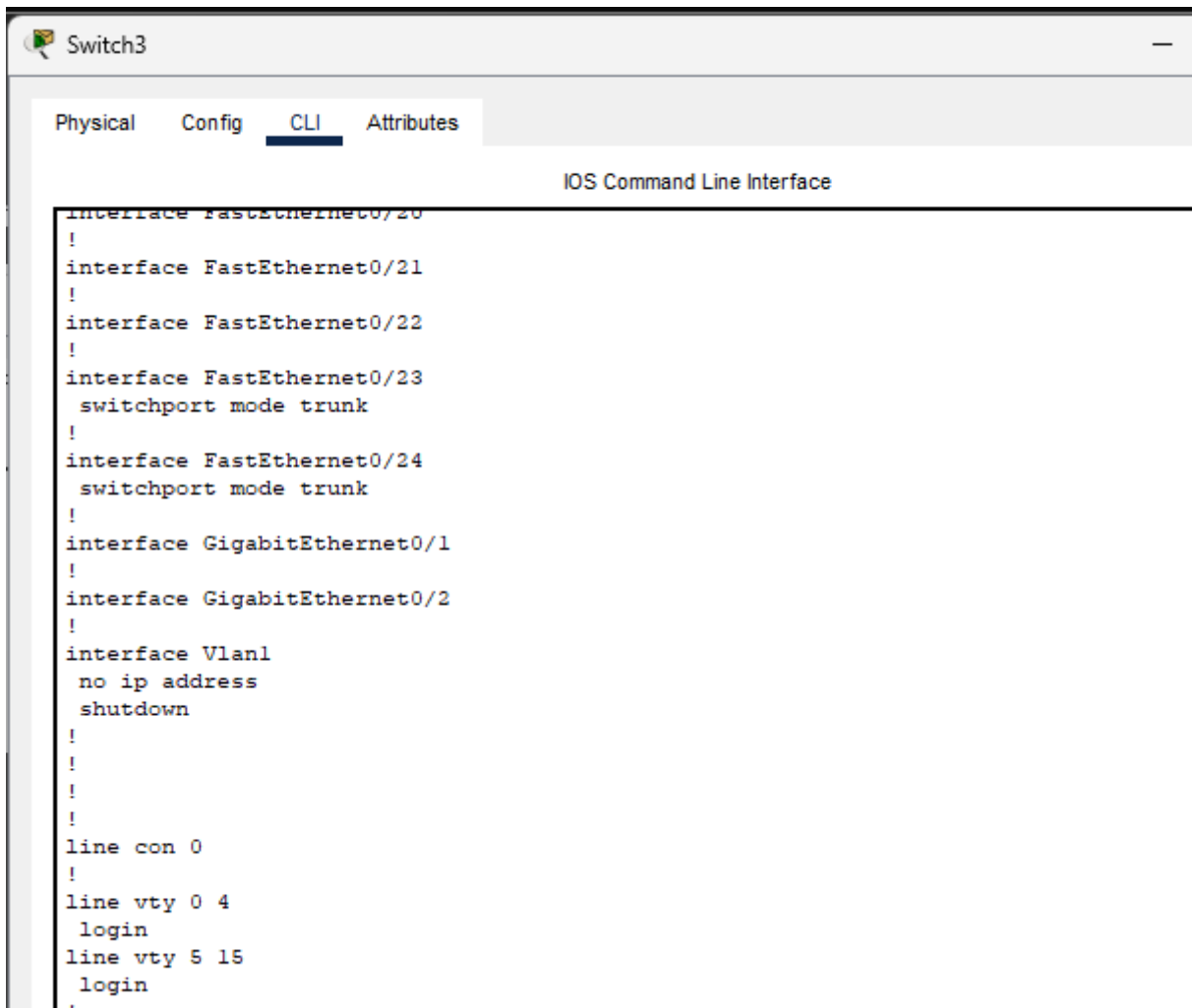
```
interface FastEthernet0/19
!
interface FastEthernet0/20
!
interface FastEthernet0/21
!
interface FastEthernet0/22
!
interface FastEthernet0/23
 switchport mode trunk
!
interface FastEthernet0/24
 switchport mode trunk
!
interface GigabitEthernet0/1
!
interface GigabitEthernet0/2
!
interface Vlan1
 no ip address
 shutdown
!
!
!
!
line con 0
!
line vty 0 4
 login
line vty 5 15
 login
.
```

Switch 3 :



The screenshot shows the CLI interface for Switch3. The 'CLI' tab is selected. The configuration includes spanning-tree mode pvst, spanning-tree extend system-id, and configuration for interface FastEthernet0/1 as an access port in VLAN 30.

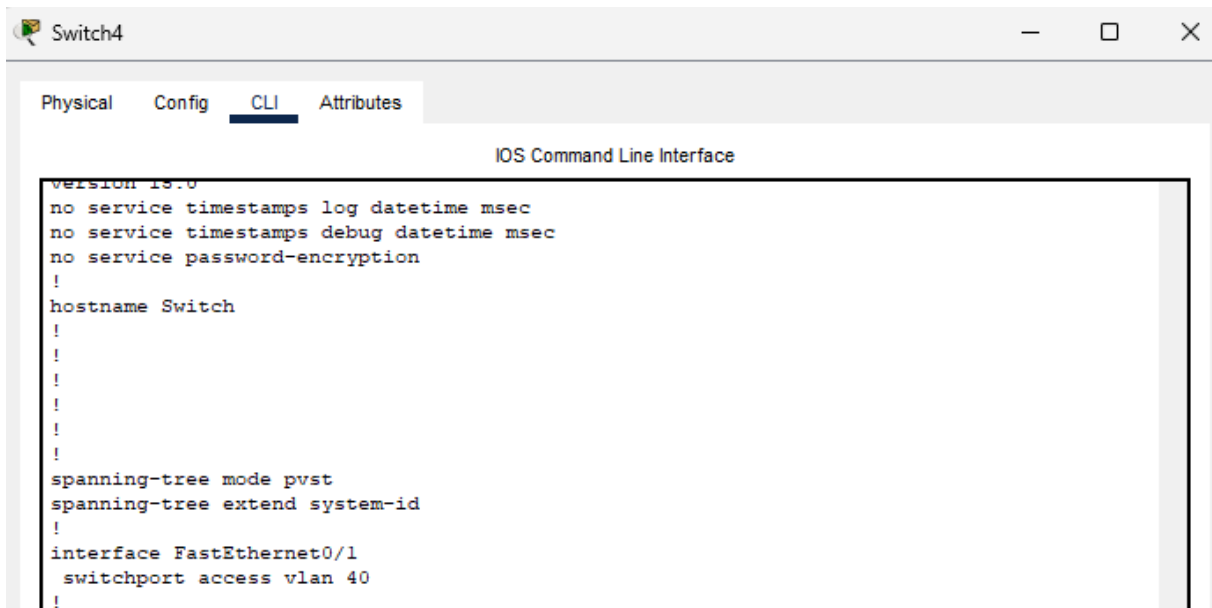
```
Switch3
Physical Config CLI Attributes
IOS Command Line Interface
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
 switchport access vlan 30
 switchport mode access
```



The screenshot shows the CLI interface for Switch3. The 'CLI' tab is selected. The configuration includes interfaces FastEthernet0/20-24, GigabitEthernet0/1-2, and Vlan1. It also shows line configurations for console (con 0) and VTY lines (0-4 and 5-15).

```
Switch3
Physical Config CLI Attributes
IOS Command Line Interface
interface FastEthernet0/20
!
interface FastEthernet0/21
!
interface FastEthernet0/22
!
interface FastEthernet0/23
 switchport mode trunk
!
interface FastEthernet0/24
 switchport mode trunk
!
interface GigabitEthernet0/1
!
interface GigabitEthernet0/2
!
interface Vlan1
 no ip address
 shutdown
!
!
!
!
line con 0
!
line vty 0 4
 login
line vty 5 15
 login
!
```

## Switch 4 :

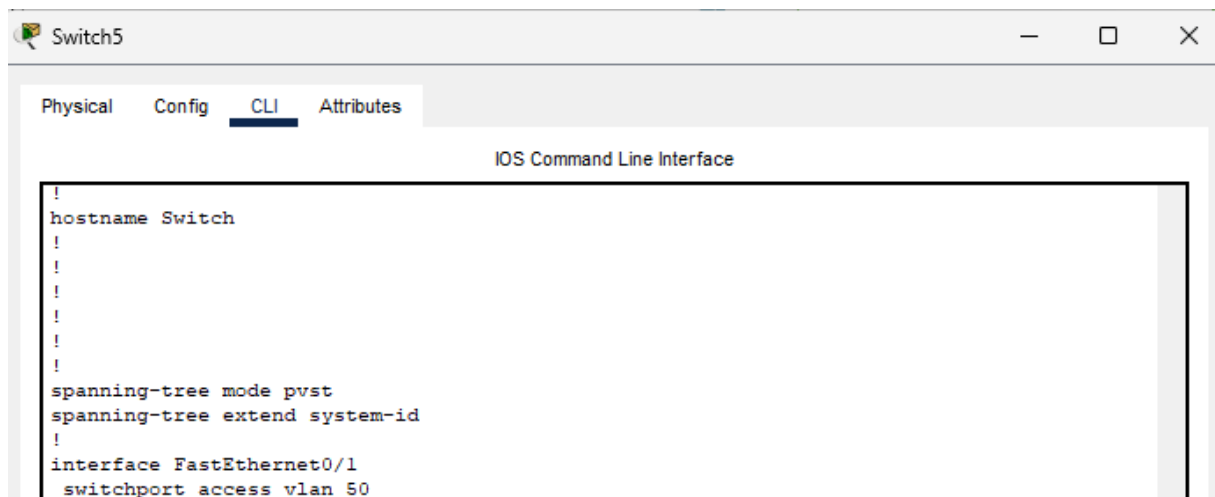


```
Switch4
Physical Config CLI Attributes
IOS Command Line Interface
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Switch
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
 switchport access vlan 40
!
```



```
Switch4
Physical Config CLI Attributes
IOS Command Line Interface
interface FastEthernet0/21
!
interface FastEthernet0/22
!
interface FastEthernet0/23
 switchport mode trunk
!
interface FastEthernet0/24
 switchport mode trunk
!
interface GigabitEthernet0/1
!
interface GigabitEthernet0/2
!
interface Vlan1
 no ip address
 shutdown
!
!
!
!
line con 0
!
line vty 0 4
 login
line vty 5 15
 login
,
```

## Switch 5 :

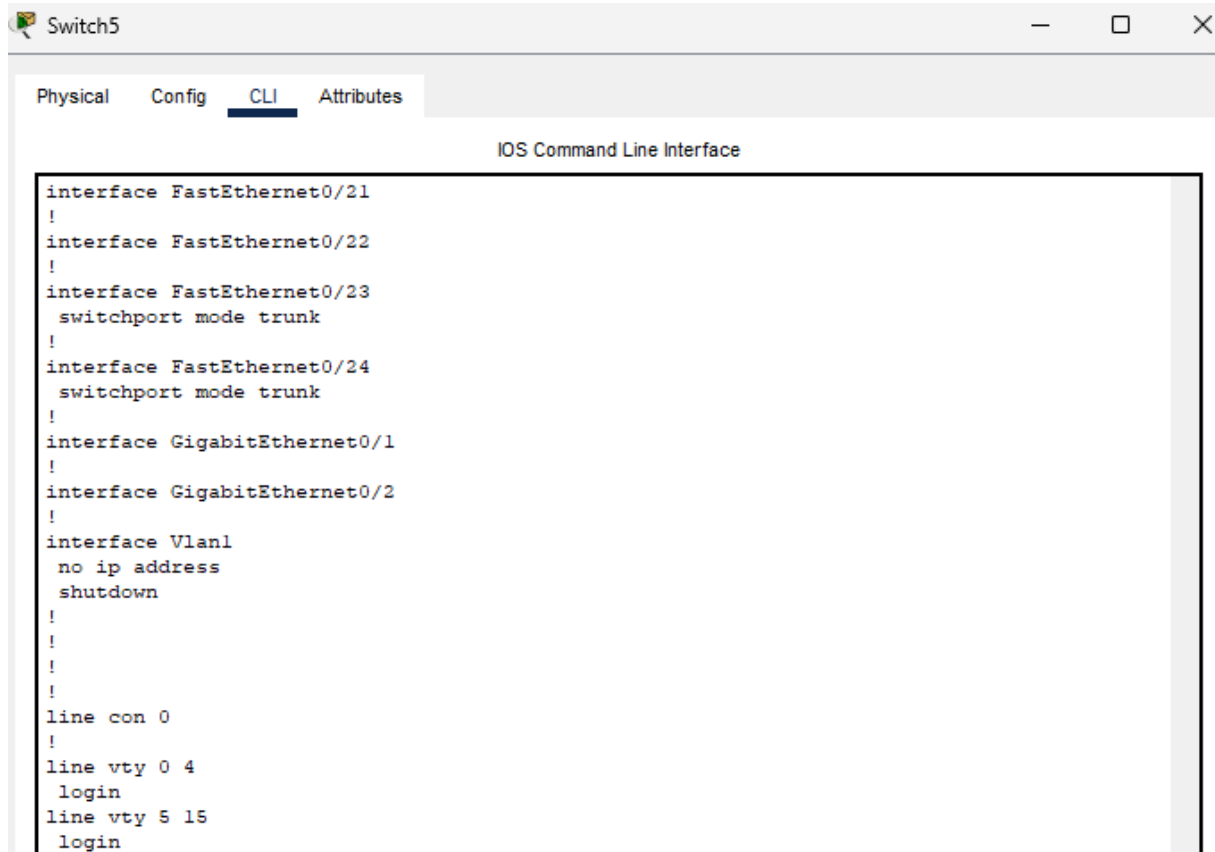


Switch5

Physical Config CLI Attributes

IOS Command Line Interface

```
!  
hostname Switch  
!  
!  
!  
!  
!  
spanning-tree mode pvst  
spanning-tree extend system-id  
!  
interface FastEthernet0/1  
  switchport access vlan 50
```



Switch5

Physical Config CLI Attributes

IOS Command Line Interface

```
interface FastEthernet0/21  
!  
interface FastEthernet0/22  
!  
interface FastEthernet0/23  
  switchport mode trunk  
!  
interface FastEthernet0/24  
  switchport mode trunk  
!  
interface GigabitEthernet0/1  
!  
interface GigabitEthernet0/2  
!  
interface Vlan1  
  no ip address  
  shutdown  
!  
!  
!  
!  
line con 0  
!  
line vty 0 4  
  login  
line vty 5 15  
  login
```

Switch 6 :



The screenshot shows the CLI interface for Switch6. The tabs at the top are Physical, Config, CLI (selected), and Attributes. The title is "IOS Command Line Interface". The configuration text is as follows:

```
no service password-encryption
!
hostname Switch
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
 switchport access vlan 60
.
```



The screenshot shows the CLI interface for Switch6. The tabs at the top are Physical, Config, CLI (selected), and Attributes. The title is "IOS Command Line Interface". The configuration text is as follows:

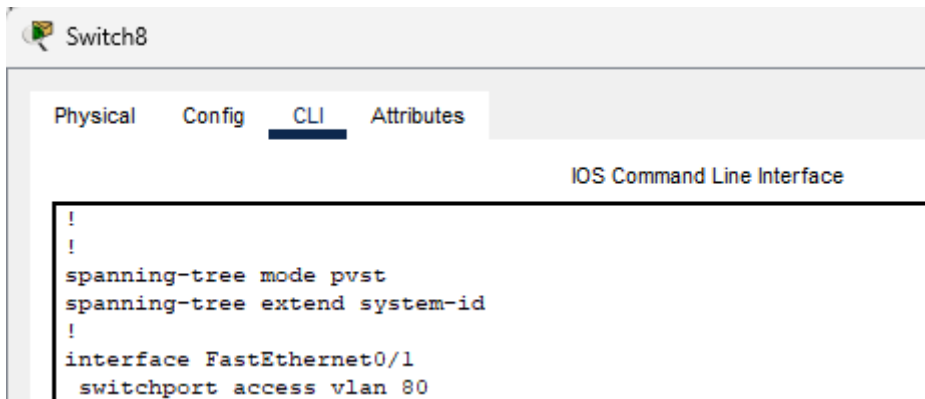
```
!
interface FastEthernet0/23
 switchport mode trunk
!
interface FastEthernet0/24
 switchport mode trunk
!
interface GigabitEthernet0/1
!
interface GigabitEthernet0/2
!
interface Vlan1
 no ip address
 shutdown
!
!
!
!
line con 0
!
line vty 0 4
 login
line vty 5 15
 login
.
```

## Switch 7 :

```
Switch7
Physical Config CLI Attributes
IOS Command Line Interface
hostname Switch
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
  switchport access vlan 70
!
```

```
Switch7
Physical Config CLI Attributes
IOS Command Line Interface
interface FastEthernet0/21
!
interface FastEthernet0/22
!
interface FastEthernet0/23
  switchport mode trunk
!
interface FastEthernet0/24
  switchport mode trunk
!
interface GigabitEthernet0/1
!
interface GigabitEthernet0/2
!
interface Vlan1
  no ip address
  shutdown
!
!
!
!
line con 0
!
line vty 0 4
  login
line vty 5 15
  login
```

Switch 8 :




Switch8

Physical Config CLI Attributes

IOS Command Line Interface

```
!  
!  
spanning-tree mode pvst  
spanning-tree extend system-id  
!  
interface FastEthernet0/1  
  switchport access vlan 80
```



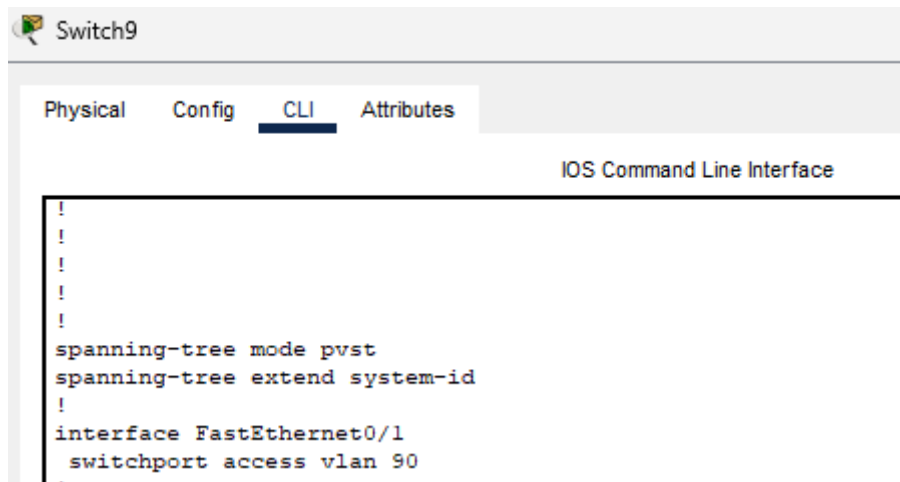
Switch8

Physical Config CLI Attributes

IOS Command Line Interface

```
!  
interface FastEthernet0/22  
!  
interface FastEthernet0/23  
  switchport mode trunk  
!  
interface FastEthernet0/24  
  switchport mode trunk  
!  
interface GigabitEthernet0/1  
!  
interface GigabitEthernet0/2  
!  
interface Vlan1  
  no ip address  
  shutdown  
!  
!  
!  
!  
line con 0  
!  
line vty 0 4  
  login  
line vty 5 15  
  login  
,
```

## Switch 9 :

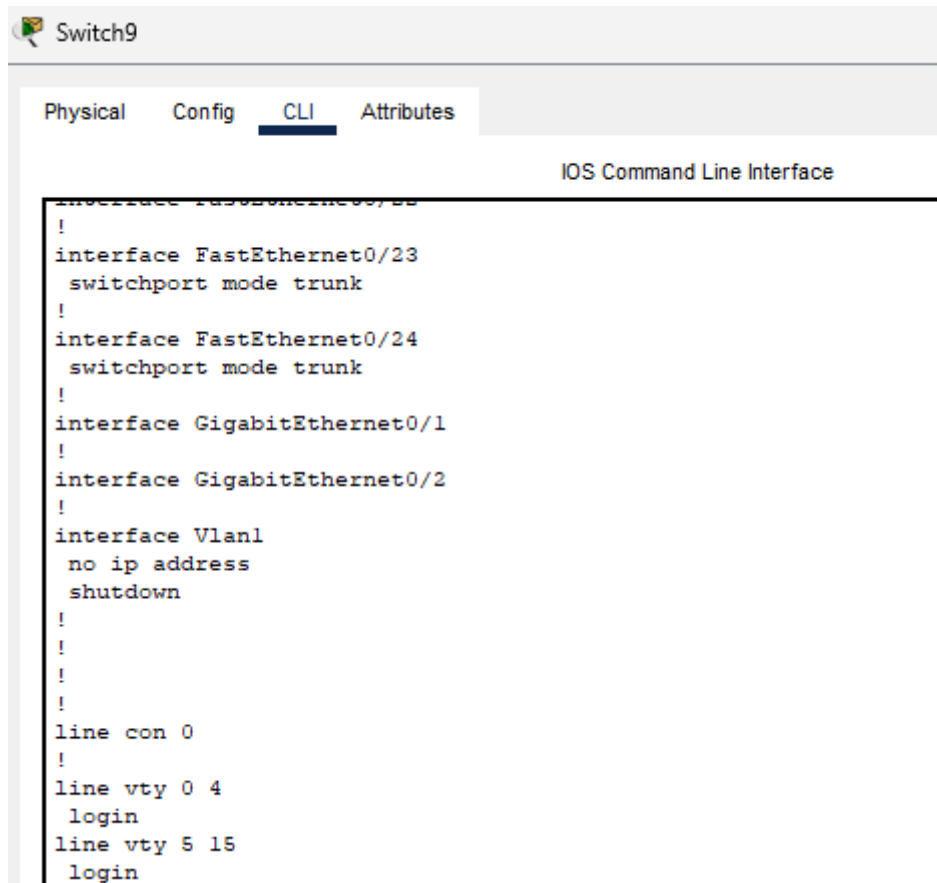


Switch9

Physical Config CLI Attributes

IOS Command Line Interface

```
!  
!  
!  
!  
!  
spanning-tree mode pvst  
spanning-tree extend system-id  
!  
interface FastEthernet0/1  
  switchport access vlan 90  
.
```



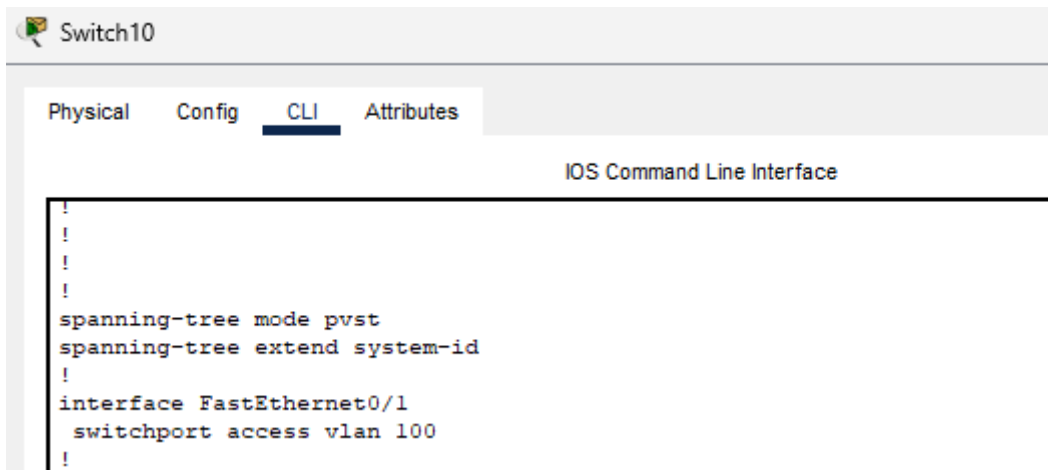
Switch9

Physical Config CLI Attributes

IOS Command Line Interface

```
!  
interface FastEthernet0/23  
  switchport mode trunk  
!  
interface FastEthernet0/24  
  switchport mode trunk  
!  
interface GigabitEthernet0/1  
!  
interface GigabitEthernet0/2  
!  
interface Vlan1  
  no ip address  
  shutdown  
!  
!  
!  
!  
line con 0  
!  
line vty 0 4  
  login  
line vty 5 15  
  login
```

## Switch 10 :

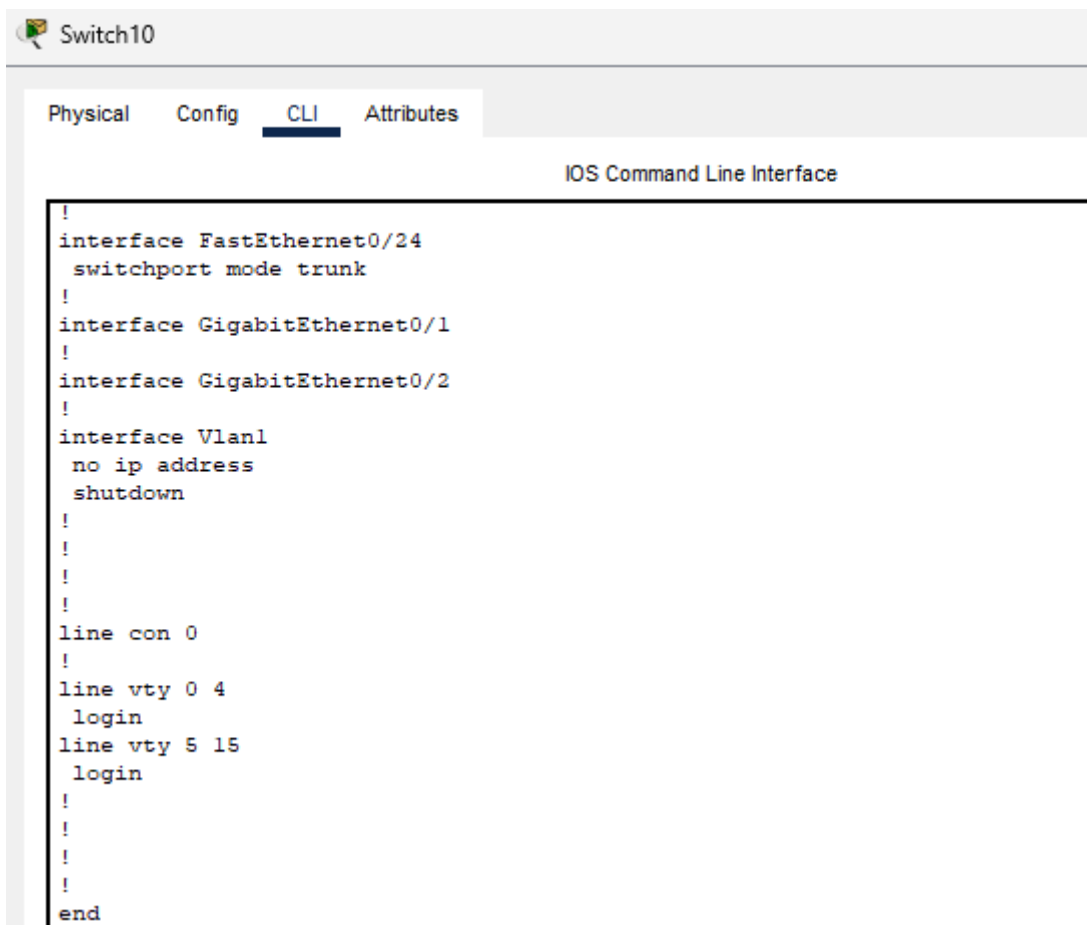


Switch10

Physical Config CLI Attributes

IOS Command Line Interface

```
!  
!  
!  
!  
spanning-tree mode pvst  
spanning-tree extend system-id  
!  
interface FastEthernet0/1  
  switchport access vlan 100  
!
```



Switch10

Physical Config CLI Attributes

IOS Command Line Interface

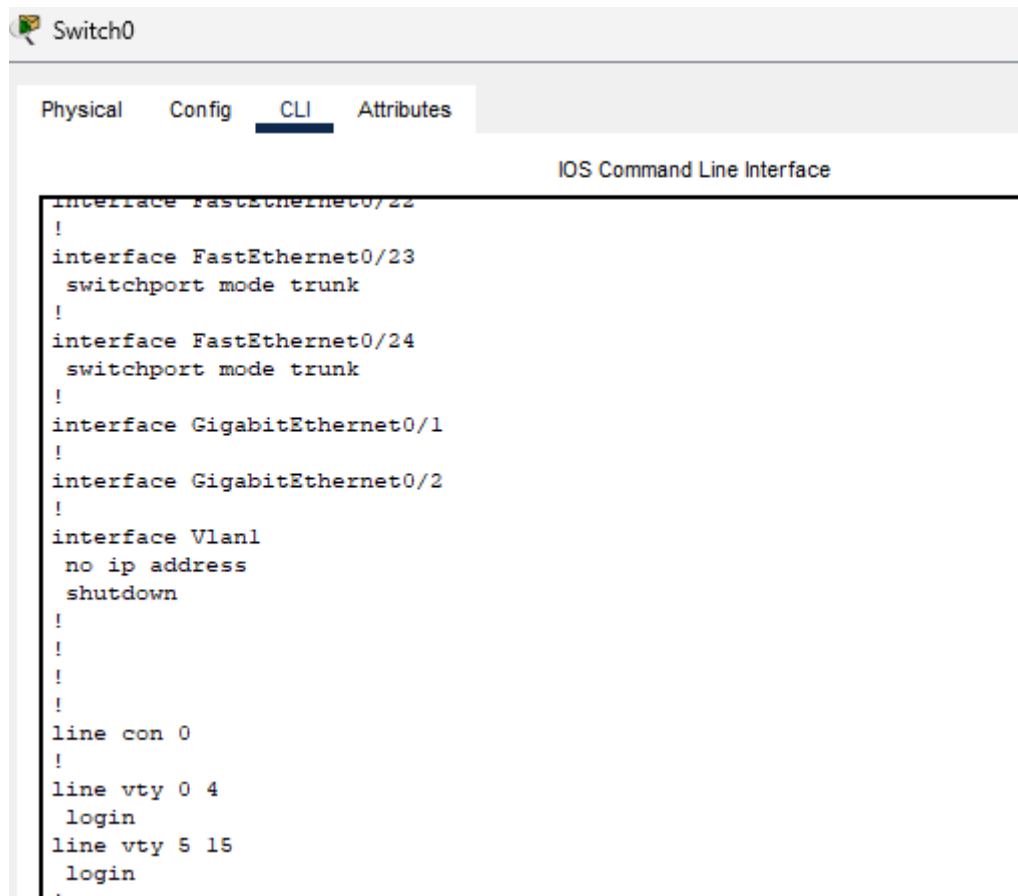
```
!  
interface FastEthernet0/24  
  switchport mode trunk  
!  
interface GigabitEthernet0/1  
!  
interface GigabitEthernet0/2  
!  
interface Vlan1  
  no ip address  
  shutdown  
!  
!  
!  
!  
line con 0  
!  
line vty 0 4  
  login  
line vty 5 15  
  login  
!  
!  
!  
!  
end
```

Switch 11 :

```
Switch11
Physical Config CLI Attributes
IOS Command Line Interface
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
  switchport mode access
!
interface FastEthernet0/2
  switchport mode access
!
interface FastEthernet0/3
  switchport mode access
!
```

```
Switch11
Physical Config CLI Attributes
IOS Command Line Interface
!
interface FastEthernet0/23
  switchport mode trunk
!
interface FastEthernet0/24
!
interface GigabitEthernet0/1
!
interface GigabitEthernet0/2
!
interface Vlan1
  no ip address
  shutdown
!
!
!
!
line con 0
!
line vty 0 4
  login
line vty 5 15
  login
!
!
!
end
```

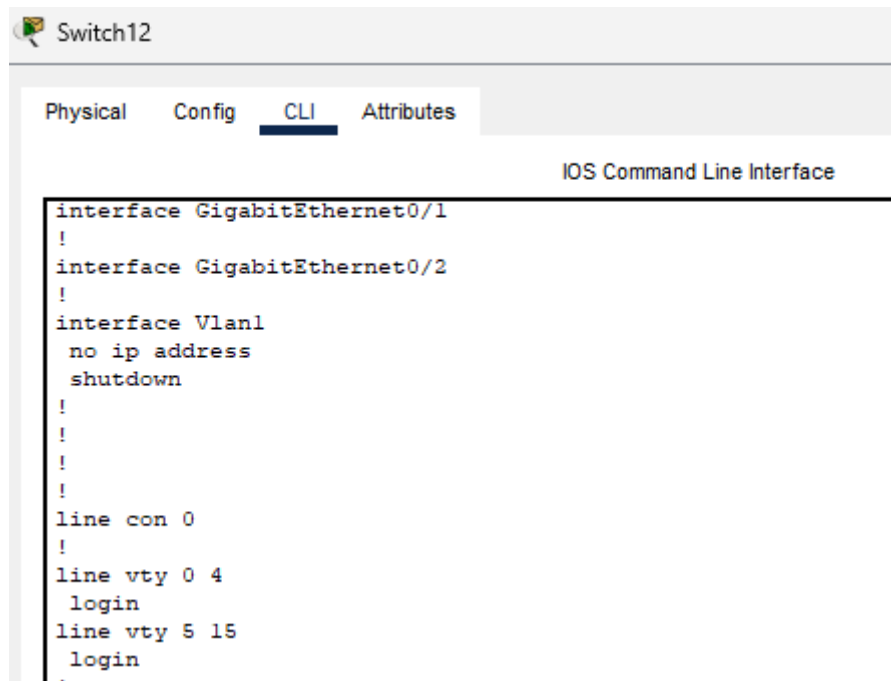
## Switch 0 :



The screenshot shows the CLI configuration for Switch0. The interface tabs are Physical, Config, CLI (selected), and Attributes. The title is 'IOS Command Line Interface'. The configuration text is as follows:

```
interface FastEthernet0/22
!
interface FastEthernet0/23
  switchport mode trunk
!
interface FastEthernet0/24
  switchport mode trunk
!
interface GigabitEthernet0/1
!
interface GigabitEthernet0/2
!
interface Vlan1
  no ip address
  shutdown
!
!
!
!
line con 0
!
line vty 0 4
  login
line vty 5 15
  login
.
```

## Switch 12 :



The screenshot shows the CLI configuration for Switch12. The interface tabs are Physical, Config, CLI (selected), and Attributes. The title is 'IOS Command Line Interface'. The configuration text is as follows:

```
interface GigabitEthernet0/1
!
interface GigabitEthernet0/2
!
interface Vlan1
  no ip address
  shutdown
!
!
!
!
line con 0
!
line vty 0 4
  login
line vty 5 15
  login
.
```

## Switch 13 :

```
Switch13
Physical  Config  CLI  Attributes
IOS Command Line Interface
interface FastEthernet0/21
!
interface FastEthernet0/22
!
interface FastEthernet0/23
!
interface FastEthernet0/24
!
interface GigabitEthernet0/1
!
interface GigabitEthernet0/2
!
interface Vlan1
  no ip address
  shutdown
!
!
!
!
line con 0
!
line vty 0 4
  login
line vty 5 15
  login
!
!
!
!
end
```

Switch 14 :

```
Switch14
Physical Config CLI Attributes
IOS Command Line Interface
interface GigabitEthernet0/1
!
interface GigabitEthernet0/2
!
interface Vlan1
no ip address
shutdown
!
!
!
!
line con 0
!
line vty 0 4
login
line vty 5 15
login
!
!
!
!
end
```

Switch 15 :

```
Switch15
Physical Config CLI Attributes
IOS Command Line Interface
interface FastEthernet0/24
!
interface GigabitEthernet0/1
!
interface GigabitEthernet0/2
!
interface Vlan1
no ip address
shutdown
!
!
!
!
line con 0
!
line vty 0 4
login
line vty 5 15
login
!
!
!
!
end
```

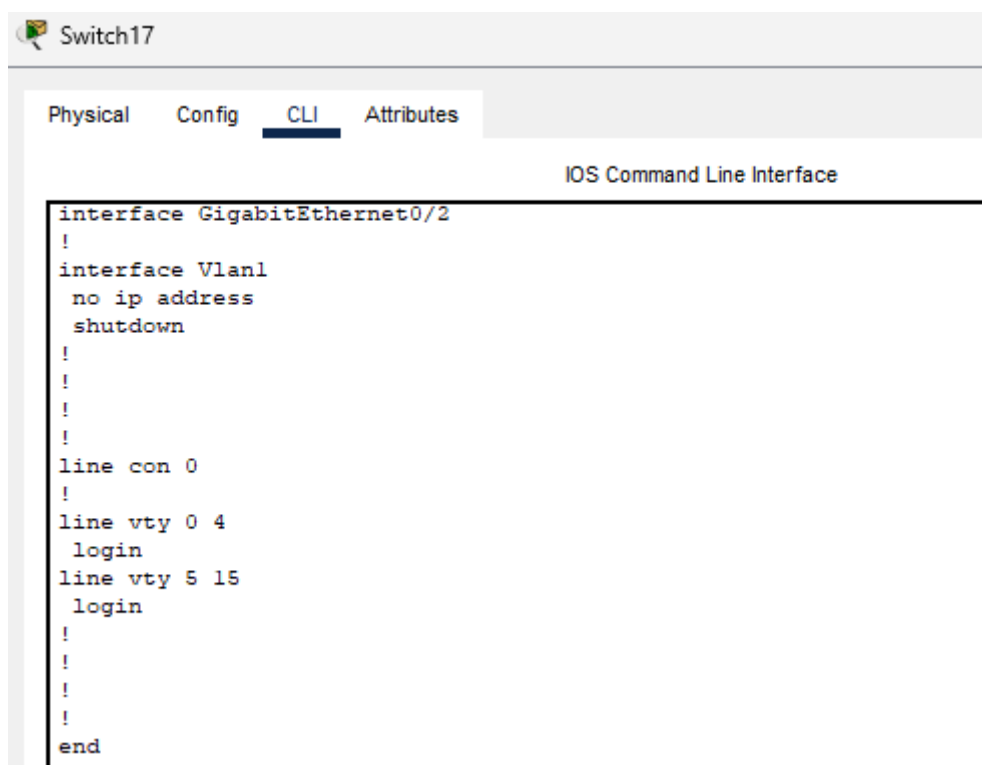
## Switch 16 :



The screenshot shows the CLI configuration for Switch16. The interface tabs are Physical, Config, CLI (selected), and Attributes. The title is 'IOS Command Line Interface'. The configuration text is as follows:

```
interface GigabitEthernet0/2
!
interface Vlan1
  no ip address
  shutdown
!
!
!
!
line con 0
!
line vty 0 4
  login
line vty 5 15
  login
!
!
!
!
end
```

## Switch 17 :



The screenshot shows the CLI configuration for Switch17. The interface tabs are Physical, Config, CLI (selected), and Attributes. The title is 'IOS Command Line Interface'. The configuration text is as follows:

```
interface GigabitEthernet0/2
!
interface Vlan1
  no ip address
  shutdown
!
!
!
!
line con 0
!
line vty 0 4
  login
line vty 5 15
  login
!
!
!
!
end
```