

```
FTG-7.0.9-firewall | SWCiscol2 | +  
  
SWCiscol2 con0 is now available  
  
Press RETURN to get started.  
  
SWCiscol2#en  
SWCiscol2#show vlan brief  


| VLAN Name               | Status    | Ports                                                                                                                |
|-------------------------|-----------|----------------------------------------------------------------------------------------------------------------------|
| 1 default               | active    | Et0/0, Et0/1, Et0/2, Et0/3<br>Et1/0, Et1/1, Et1/2, Et1/3<br>Et2/0, Et2/1, Et2/2, Et2/3<br>Et3/0, Et3/1, Et3/2, Et3/3 |
| 1002 fddi-default       | act/unsup |                                                                                                                      |
| 1003 token-ring-default | act/unsup |                                                                                                                      |
| 1004 fddinet-default    | act/unsup |                                                                                                                      |
| 1005 trnet-default      | act/unsup |                                                                                                                      |


```

```
enable  
configure terminal  
vlan 10  
name VLAN_ADMIN  
exit  
vlan 20  
name VLAN_TECH  
exit  
vlan 30  
name VLAN_GUEST  
exit
```

```

SWCiscoL2 con0 is now available

Press RETURN to get started.

SWCiscoL2#en
SWCiscoL2#conf t
Enter configuration commands, one per line. End with CNTL/Z.
SWCiscoL2(config)#vlan 10
SWCiscoL2(config-vlan)#name ADMIN
SWCiscoL2(config-vlan)#vlan 20
SWCiscoL2(config-vlan)#name TECH
SWCiscoL2(config-vlan)#vlan 30
SWCiscoL2(config-vlan)#name GUEST
SWCiscoL2(config-vlan)#exit
SWCiscoL2#exit
SWCiscoL2#
*Jan  5 20:56:40.499: %SYS-5-CONFIG_I: Configured from console by console
SWCiscoL2#show vlan brief
VLAN Name          Status    Ports
-----  

1    default        active    Et0/0, Et0/1, Et0/2, Et0/3  

                           Et1/0, Et1/1, Et1/2, Et1/3  

                           Et2/0, Et2/1, Et2/2, Et2/3  

                           Et3/0, Et3/1, Et3/2, Et3/3
10   ADMIN          active
20   TECH           active
30   GUEST          active

```

```

interface Et0/0
switchport trunk encapsulation dot1q
switchport mode trunk
switchport trunk allowed vlan 10,20,30
description connexion_fortigate_switch
no shutdown
exit

```

```

SWCiscoL2#show interfaces status
Port      Name          Status     Vlan      Duplex   Speed Type
Et0/0      connected    1          auto      auto     unknown
Et0/1      connected    1          auto      auto     unknown
Et0/2      connected    1          auto      auto     unknown
Et0/3      connected    1          auto      auto     unknown
Et1/0      connected    1          auto      auto     unknown
Et1/1      connected    1          auto      auto     unknown
Et1/2      connected    1          auto      auto     unknown
Et1/3      connected    1          auto      auto     unknown
Et2/0      connected    1          auto      auto     unknown
Et2/1      connected    1          auto      auto     unknown
Et2/2      connected    1          auto      auto     unknown
Et2/3      connected    1          auto      auto     unknown
Et3/0      connected    1          auto      auto     unknown
Et3/1      connected    1          auto      auto     unknown
Et3/2      connected    1          auto      auto     unknown
Et3/3      connected    1          auto      auto     unknown
SWCiscoL2#conf t
Enter configuration commands, one per line. End with CNTL/Z.
SWCiscoL2(config)#interface Et0/0
SWCiscoL2(config-if)#switchport trunk encapsulation dot1q
SWCiscoL2(config-if)#switchport trunk encapsulation dot1q
*Jan 5 21:06:11.934: %LINEPROTO-5-UPDOWN: Line protocol on Interface Ethernet0/0, changed state to down
SWCiscoL2(config-if)#switchport trunk encapsul
*Jan 5 21:06:14.938: %LINEPROTO-5-UPDOWN: Line protocol on Interface Ethernet0/0, changed state to up
SWCiscoL2(config-if)#switchport mode trunk
SWCiscoL2(config-if)#switchport mode trunk
*Jan 5 21:06:36.063: %LINEPROTO-5-UPDOWN: Line protocol on Interface Ethernet0/0, changed state to down
SWCiscoL2(config-if)#switchport mode trunk
*Jan 5 21:06:39.071: %LINEPROTO-5-UPDOWN: Line protocol on Interface Ethernet0/0, changed state to up
SWCiscoL2(config-if)#switchport trunk allowed vlan 10,20,30
SWCiscoL2(config-if)#description connexion_fortigate_switch
SWCiscoL2(config-if)#exit
SWCiscoL2(config)#exit
SWCiscoL2#
*Jan 5 21:08:24.493: %SYS-5-CONFIG_I: Configured from console by console
SWCiscoL2#

```

```

SWCiscoL2#show interface trunk
Port      Mode          Encapsulation  Status       Native vlan
Et0/0      on           802.1q        trunking    1

Port      Vlans allowed on trunk
Et0/0      10,20,30

Port      Vlans allowed and active in management domain
Et0/0      10,20,30

Port      Vlans in spanning tree forwarding state and not pruned
Et0/0      10,20,30

```

```
conf t
interface Et0/1
switchport mode trunk
switchport trunk allowed vlan 10
no shutdown
exit

interface Et0/2
switchport mode trunk
switchport trunk allowed vlan 10
no shutdown
exit

interface Et0/3
switchport mode trunk
switchport trunk allowed vlan 10
no shutdown
exit
```

```
interface Et0/1
switchport mode access
switchport access vlan 10
spanning-tree portfast
no shutdown
exit
interface Et0/2
switchport mode access
switchport access vlan 20
spanning-tree portfast
no shutdown
exit
interface Et0/3
switchport mode access
switchport access vlan 30
spanning-tree portfast
no shutdown
exit
```

```

SWCiscoL2#en
SWCiscoL2#conf t
Enter configuration commands, one per line. End with CNTL/Z.
SWCiscoL2(config)#interface Et0/1
SWCiscoL2(config-if)#switchport mode access
SWCiscoL2(config-if)#switchport access vlan 10
SWCiscoL2(config-if)#spanning-tree portfast
%Warning: portfast should only be enabled on ports connected to a single
host. Connecting hubs, concentrators, switches, bridges, etc... to this
interface when portfast is enabled, can cause temporary bridging loops.
Use with CAUTION

%Portfast has been configured on Ethernet0/1 but will only
have effect when the interface is in a non-trunking mode.
SWCiscoL2(config-if)#exit
SWCiscoL2(config)#interface Et0/2
SWCiscoL2(config-if)#switchport mode access
SWCiscoL2(config-if)#switchport access vlan 20
SWCiscoL2(config-if)#spanning-tree portfast
%Warning: portfast should only be enabled on ports connected to a single
host. Connecting hubs, concentrators, switches, bridges, etc... to this
interface when portfast is enabled, can cause temporary bridging loops.
Use with CAUTION

%Portfast has been configured on Ethernet0/2 but will only
have effect when the interface is in a non-trunking mode.
SWCiscoL2(config-if)#exit
SWCiscoL2(config)#interface Et0/3
SWCiscoL2(config-if)#switchport mode access
SWCiscoL2(config-if)#switchport access vlan 30
SWCiscoL2(config-if)#spanning-tree portfast
%Warning: portfast should only be enabled on ports connected to a single
host. Connecting hubs, concentrators, switches, bridges, etc... to this
interface when portfast is enabled, can cause temporary bridging loops.
Use with CAUTION

```

SWCiscoL2#show vlan brief

VLAN	Name	Status	Ports
1	default	active	Et1/0, Et1/1, Et1/2, Et1/3 Et2/0, Et2/1, Et2/2, Et2/3 Et3/0, Et3/1, Et3/2, Et3/3
10	ADMIN	active	Et0/1
20	TECH	active	Et0/2
30	GUEST	active	Et0/3
1002	fdmi-default	act/unsup	
1003	token-ring-default	act/unsup	
1004	fdmnet-default	act/unsup	
1005	trnet-default	act/unsup	

SWCiscoL2#show interfaces status

Port	Name	Status	Vlan	Duplex	Speed	Type
Et0/0	connexion_fortigat	connected	trunk	auto	auto	unknown
Et0/1		connected	10	auto	auto	unknown
Et0/2		connected	20	auto	auto	unknown
Et0/3		connected	30	auto	auto	unknown
Et1/0		connected	1	auto	auto	unknown
Et1/1		connected	1	auto	auto	unknown
Et1/2		connected	1	auto	auto	unknown
Et1/3		connected	1	auto	auto	unknown
Et2/0		connected	1	auto	auto	unknown
Et2/1		connected	1	auto	auto	unknown
Et2/2		connected	1	auto	auto	unknown
Et2/3		connected	1	auto	auto	unknown
Et3/0		connected	1	auto	auto	unknown
Et3/1		connected	1	auto	auto	unknown