

```
FTG-7.0.9-firewall  SWCiscot2
```

SWCiscot2 con0 is now available

Press RETURN to get started.

SWCiscot2#en
SWCiscot2#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
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
```

SWCiscot2 con0 is now available

Press RETURN to get started.

```
SWCiscot2#en
SWCiscot2#conf t
Enter configuration commands, one per line. End with CNTL/Z.
SWCiscot2(config)#vlan 10
SWCiscot2(config-vlan)#name ADMIN
SWCiscot2(config-vlan)#vlan 20
SWCiscot2(config-vlan)#name TECH
SWCiscot2(config-vlan)#vlan 30
SWCiscot2(config-vlan)#name GUEST
SWCiscot2(config-vlan)#exit
SWCiscot2(config)#exit
SWCiscot2#
*Jan  5 20:56:40.499: %SYS-5-CONFIG_I: Configured from console by console
SWCiscot2#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
```

```
SWCisc02#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

```
SWCisc02#conf t
```

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

```
SWCisc02(config)#interface Et0/0
```

```
SWCisc02(config-if)#switchport trunk encapsulation dot1q
```

```
SWCisc02(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
```

```
SWCisc02(config-if)#switchport trunk encapsul
```

```
*Jan  5 21:06:14.938: %LINEPROTO-5-UPDOWN: Line protocol on Interface Ethernet0/0, changed state to up
```

```
SWCisc02(config-if)#switchport mode trunk
```

```
SWCisc02(config-if)#switchport mode trunk
```

```
*Jan  5 21:06:36.063: %LINEPROTO-5-UPDOWN: Line protocol on Interface Ethernet0/0, changed state to down
```

```
SWCisc02(config-if)#switchport mode trunk
```

```
*Jan  5 21:06:39.071: %LINEPROTO-5-UPDOWN: Line protocol on Interface Ethernet0/0, changed state to up
```

```
SWCisc02(config-if)#switchport trunk allowed vlan 10,20,30
```

```
SWCisc02(config-if)#description connexion_fortigate_switch
```

```
SWCisc02(config-if)#exit
```

```
SWCisc02(config)#exit
```

```
SWCisc02#
```

```
*Jan  5 21:08:24.493: %SYS-5-CONFIG_I: Configured from console by console
```

```
SWCisc02#
```

```
SWCisc02#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 fddi-default	act/unsup	
1003 token-ring-default	act/unsup	
1004 fddinet-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