



IOS Command Line Interface

```

o up
en
Switch#sh spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
             Address     0001.6382.9074
             Cost        19
             Port        1(FastEthernet0/1)
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec

Bridge ID    Priority    32769  (priority 32768 sys-id-ext 1)
             Address     0003.E426.14ED
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
             Aging Time  20

Interface    Role Sts Cost      Prio.Nbr Type
-----
Fa0/1        Root FWD 19        128.1    P2p
Fa0/3        Altn BLK 19        128.3    P2p
  
```

```

Switch>en
Switch>enable
Switch#sh spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
             Address     0001.6382.9074
             Cost        19
             Port        2(FastEthernet0/2)
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec

  Bridge ID  Priority    32769 (priority 32768 sys-id-ext 1)
             Address     0090.2BBB.EC3D
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
             Aging Time  20

Interface      Role Sts Cost      Prio.Nbr Type
-----
Fa0/2          Root FWD 19        128.2    P2p
Fa0/1          Desg FWD 19        128.1    P2p
Switch#

```

IOS Command Line Interface

```

Switch>enable
Switch#sh spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
             Address     0001.6382.9074
             Cost        19
             Port        2(FastEthernet0/2)
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec

  Bridge ID  Priority    32769 (priority 32768 sys-id-ext 1)
             Address     0030.F258.D385
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
             Aging Time  20

Interface      Role Sts Cost      Prio.Nbr Type
-----
Fa0/1          Desg FWD 19        128.1    P2p
Fa0/2          Root FWD 19        128.2    P2p
Switch#

```

IOS Command Line Interface

Switch>

Switch>en

Switch>enable

Switch#sh spanning-tree

VLAN0001

Spanning tree enabled protocol ieee

Root ID Priority 32769
 Address 0001.6382.9074

This bridge is the root

Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec

Bridge ID Priority 32769 (priority 32768 sys-id-ext 1)

Address 0001.6382.9074

Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec

Aging Time 20

| Interface | Role | Sts | Cost | Prio.Nbr | Type |
|-----------|------|-----|------|----------|------|
|-----------|------|-----|------|----------|------|

| | | | | | |
|-------|------|-----|----|-------|-----|
| Fa0/1 | Desg | FWD | 19 | 128.1 | P2p |
|-------|------|-----|----|-------|-----|

| | | | | | |
|-------|------|-----|----|-------|-----|
| Fa0/2 | Desg | FWD | 19 | 128.2 | P2p |
|-------|------|-----|----|-------|-----|

Switch#