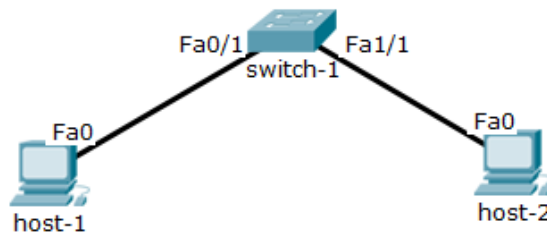


# PortFast

## Lab Summary

Configure PortFast on switch-1 access ports and verify it is active.

**Figure 1** Lab Topology



## Lab Configuration

Start Packet Tracer File: **PortFast**

Click on the *switch-1* icon and select the *CLI* folder. Hit the <enter> key for user mode prompt (>).

Step 1: Enter global configuration mode.

```
switch-1> enable  
Password: cisconet  
switch-1# configure terminal
```

Step 2: Create VLAN 10 and assign name data for easy reference description.

```
switch-1(config)# vlan 10  
switch-1(config-vlan)# name data  
switch-1(config-vlan)# exit
```

Step 3: Configure interface Fa0/1 as an access port and assign to VLAN 10.

```
switch-1(config)# interface fastethernet0/1  
switch-1(config-if)# switchport mode access  
switch-1(config-if)# switchport access vlan 10
```

Step 4: Enable Spanning Tree PortFast on switch access port Fa0/1.

```
switch-1(config-if)# spanning-tree portfast  
switch-1(config-if)# exit
```

Step 5: Configure interface Fa1/1 as an access port and assign to VLAN 10.

```
switch-1(config)# interface fastethernet1/1  
switch-1(config-if)# switchport mode access  
switch-1(config-if)# switchport access vlan 10
```

Step 6: Enable Spanning Tree PortFast on switch access port Fa1/1.

```
switch-1(config-if)# spanning-tree portfast  
switch-1(config-if)# end  
switch-1# copy running-config startup-config
```

Step 7: Verify Lab

Verify the lab configuration and confirm it is enabled on Fa0/1 and Fa1/1.

```
switch-1# show running-config <spacebar>  
switch-1# show spanning-tree interface fastethernet0/1 portfast  
          VLAN0001    enabled  
          Data        enabled  
  
switch-1# show spanning-tree interface fastethernet1/1 portfast
```