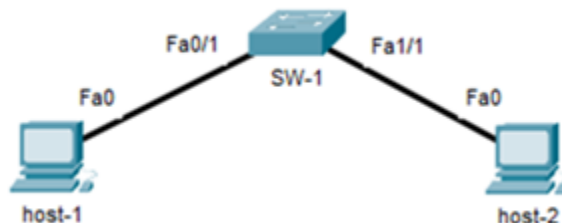


PortFast

Lab Summary

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

Figure 1 Lab Topology



Lab Configuration

Start Packet Tracer File: **portfast.pkt**

Click on *SW-1* icon and select *CLI* folder.

Step 1: Enter global configuration mode.

```
SW-1> enable
SW-1# configure terminal
```

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

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

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

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

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

```
SW-1(config-if)# spanning-tree portfast
```

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

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

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

```
SW-1(config-if)# spanning-tree portfast  
SW-1(config-if)# end  
SW-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.

```
SW-1# show running-config
```

```
SW-1# show spanning-tree interface fastethernet0/1 portfast
```

```
VLAN0001    enabled  
VLAN0010    enabled
```

```
SW-1# show spanning-tree interface fastethernet1/1 portfast
```

```
VLAN0001    enabled  
VLAN0010    enabled
```