# LAN Switching Commands

## spanning-tree bpduguard

To enable bridge protocol data unit (BPDU) guard on the interface, use the **spanning-tree bpduguard** command in interface configuration and template configuration mode. To return to the default settings, use the **no** form of this command.

### Supported Parameters

| enable | Enables BPDU guard on this interface. |
|--------|----------------------------------------|

**Command History**

| Release | Modification |
|---------|--------------|
| Cisco IOS XE Catalyst SD-WAN Release 17.5.1a | Command qualified for use in Cisco SD-WAN Manager CLI templates. |

**Usage Guidelines**

For more information about this command, see the Cisco IOS XE spanning-tree bpduguard command.

**Examples**

```
spanning-tree guard root
spanning-tree bpduguard enable
```

## spanning-tree guard

To enable or disable the guard mode, use the **spanning-tree guard** command in interface configuration and template configuration mode. To return to the default settings, use the **no** form of this command.

**Supported Parameters**

| | |
|---|---|
| **root** | Enables root-guard mode on the interface. |

**Command History**

| Release | Modification |
|---|---|
| Cisco IOS XE Catalyst SD-WAN Release 17.5.1a | Command qualified for use in Cisco SD-WAN Manager CLI templates. |

**Usage Guidelines**

For more information about this command, see the Cisco IOS XE spanning-tree guard command.

**Examples**

```
spanning-tree guard root
spanning-tree bpduguard enable
```

# spanning-tree mode

To switch between Per-VLAN Spanning Tree+ (PVST+), Rapid-PVST+, and Multiple Spanning Tree (MST) modes, use the **spanning-treemode** command in global configuration mode. To return to the default settings, use the **no** form of this command.

**Command History**

| Release | Modification |
|---|---|
| Cisco IOS XE Catalyst SD-WAN Release 17.4.1a | Command qualified for use in Cisco SD-WAN Manager CLI templates. The command option **rapid-pvst** is qualified. |

**Usage Guidelines**

For more information about this command, see the Cisco IOS XE spanning-tree mode command.

**Examples**

```
Device# config-transaction
Device(config)# spanning-tree mode rapid-pvst
```

# spanning-tree portfast (interface)

To enable PortFast mode where the interface is immediately put into the forwarding state upon linkup without waiting for the timer to expire, use the **spanning-treeportfast** command in interface configuration mode. To return to the default settings, use the **no** form of this command.

**Command History**

| Release | Modification |
|---|---|
| Cisco IOS XE Catalyst SD-WAN Release 17.4.1a | Command qualified for use in Cisco SD-WAN Manager CLI templates. |

**Usage Guidelines**

For more information about this command, see the Cisco IOS XE spanning-tree portfast (interface) command.

**Examples**

```
Device(config-if)# spanning-tree portfast
```