



# LAN Switching Commands

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## 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

<b>enable</b>	Enables BPDU guard on this interface.
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### 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**

<b>root</b>	Enables root-guard mode on the interface.
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**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 <b>rapid-pvst</b> 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.

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**Examples**

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

