

set protocols spanning-tree mstp interface bpdu-guard

The **set protocols spanning-tree mstp interface bpdu-guard** command configures a physical port or a LAG port as a BPDU-guard port for MSTP mode.

Command Syntax

set protocols spanning-tree mstp interface *<interface-name>* **bpdu-guard** *<true | false>*

Parameter

Parameter	Description
interface <i><interface-name></i>	Specifies a port name. The value is a string that can be set to a physical port name or a LAG port.
bpdu-guard <i><true false></i>	Enables or disables BPDU-guard on a port. The value could be true or false . <ul style="list-style-type: none">true: enables BPDU-guard.false: disables BPDU-guard. By default, BPDU-guard is disabled.

Usage Guidelines

An edge port will lose edge port attributes after receiving BPDUs. To prevent attackers from forging BPDUs to change edge ports to non-edge ports, you can run the **set protocols spanning-tree mstp interface** *<interface-name>* **bpdu-guard true** command to configure BPDU guard on a switching device.

After BPDU guard is enabled on a switching device, the switching device shuts down the edge port if the edge port receives a BPDU. To restore the interface, run the **set interface gigabit-ethernet** *<interface-name>* **disable false** command manually.

Example

- Configure the port ge-1/1/1 as a BPDU-guard port.

```
admin@Xorplus# set protocols spanning-tree mstp interface ge-1/1/1 bpdu-guard true
admin@Xorplus# commit
```