

# set protocols spanning-tree pvst vlan interface port-priority

The **set protocols spanning-tree pvst vlan interface port-priority** command configures the port priority of an interface in Rapid-PVST+ mode.

## Command Syntax

**set protocols spanning-tree pvst vlan** *<vlan-id>* **interface** *<interface-name>* **port-priority** *<port-priority>*

## Parameter

Parameter	Description
<b>vlan</b> <i>&lt;vlan-id&gt;</i>	Specifies the VLAN ID. The value is an integer that ranges from 1 to 4094.
<b>interface</b> <i>&lt;interface-name&gt;</i>	Specifies a port name. The value is a string that can be set to a physical port name or a LAG port.
<b>port-priority</b> <i>&lt;port-priority&gt;</i>	Specifies the priority value of a port. The value is an integer that ranges from 0 to 240. The default value is 128.

## Usage Guidelines

In Rapid-PVST+ spanning tree calculation, the port path cost, bridge ID of the sending switch, and port priority determine whether the port can be selected as the designated port. A smaller priority value indicates higher probability of becoming the designated port, and a larger priority value indicates higher probability of becoming the blocking port.

On a network running Rapid-PVST+, a port can function as different roles in different spanning trees so that traffic from different VLANs is forwarded through different physical paths.

## Example

- Set the port priority of the switching device to 55 for VLAN 5.

```
admin@Xorplus# set protocols spanning-tree pvst vlan 5 interface ge-1/1/1 port-priority 55
admin@Xorplus# commit
```