

set protocols pimsm4 bootstrap cand-rp group-prefix rp-priority

The **set protocols pimsm4 bootstrap cand-rp group-prefix rp-priority** command configures the priority for a C-RP in a multicast group.

Command Syntax

set protocols pimsm4 bootstrap cand-rp group-prefix *<IPv4Net>* **rp-priority** *<rp-priority>*

Parameter

Parameter	Description
group-prefix <i><IPv4Net></i>	Specifies the range of multicast group that can serve on a C-RP. The value is an IPv4 multicast subnet address in the <i>address/prefix-length</i> format, e.g., 239.0.0.0/8.
rp-priority <i><rp-priority></i>	Specifies the priority of the C-RP in a multicast group. The smaller the value, the higher the priority of the C-RP. The value is an integer that ranges from 0 to 255. The default value is 192.

Usage Guidelines

A PIM-SM router must either run the PIM-SM bootstrap mechanism to elect a dynamic RP, or have some RPs configured as static RP settings.

When both static RP and dynamic RP are configured, PIM routers will elect an RP from multiple C-RPs and the static RPs following these rules:

1. The C-RP or static RP with highest priority wins.
2. If multiple C-RPs or static RPs have the same priority, the C-RP or static RP with the largest hash value wins.
3. If all the preceding factors are the same, the C-RP or static RP with the largest address wins.

Example

- Configure the priority for a C-RP in a multicast group 239.0.0.0/8 to 5.

```
admin@Xorplus# set protocols pimsm4 bootstrap cand-rp group-prefix 239.0.0.0/8 rp-priority 5
admin@Xorplus# commit
```