

# set protocols pimsm4 bootstrap cand-rp group-prefix rp-holdtime

The `set protocols pimsm4 bootstrap cand-rp group-prefix rp-holdtime` command configures the holdtime for a received Advertisement message on a BSR.

## Command Syntax

```
set protocols pimsm4 bootstrap cand-rp group-prefix <IPv4Net> rp-holdtime <interval>
```

## Parameter

Parameter	Description
<code>group-prefix &lt;/Pv4Net&gt;</code>	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.
<code>rp-holdtime &lt;interval&gt;</code>	Specifies the timeout time during which C-BSR waits for the Bootstrap message to be sent by BSR. The value is an integer that ranges from 0 to 65535, in seconds. The default value is 150s.  NOTE:  The RP holdtime configuration should be greater than 60s, considering that the C-RP sends the Advertisement message to the BSR with an interval of 60s.

## Usage Guidelines

When interval is set on a C-RP, the C-RP encapsulates interval in an Advertisement message and sends it to the BSR. The BSR obtains this interval from the message and starts the timer. If the BSR receives no Advertisement message from the C-RP within the timeout period, the BSR regards the C-RP invalid or unreachable and will remove it from the set of possible RPs.

## Example

- Configure the holdtime for a received Advertisement message on a BSR to 100s.

```
admin@Xorplus# set protocols pimsm4 bootstrap cand-rp group-prefix 239.0.0.0/8 rp-holdtime 100
admin@Xorplus# commit
```