

Inter-Rack Pairing Command Reference

This chapter describes the commands to configure Inter-Rack Pairing.

- sdr default-sdr pairing-mode inter-rack, on page 2
- sdr default-sdr re_pair, on page 3
- show default-sdr sdr-pairing, on page 4

sdr default-sdr pairing-mode inter-rack

To enable pairing of RPs between racks in secure domain routers (SDRs), use the **sdr default-sdr pairing-mode inter-rack** command in the appropriate mode. The inter-rack mode of pairing provides high availability against rack failures.

sdr default-sdr pairing-mode inter-rack

Syntax Description

pairing-mode	Specifies the pairing-mode of RPs.
inter-rack	Enables the pairing of RPs between racks.

Command Default

A single SDR named **default-sdr** is configured on the router.

Command Modes

System Admin EXEC

Command History

Release	Modification
Release 6.5.25	This command was introduced.

Usage Guidelines

Inter-rack pairing is applicable only in a multi chassis configuration.

Example

This example shows how to use the **sdr default-sdr pairing-mode inter-rack** command:

```
RP/0/RP0:hostname# sdr default-sdr pairing-mode inter-rack
```

sdr default-sdr re_pair

To initiate re-pairing of RPs in the currently defined secure domain routers (SDRs), use the **sdr default-sdr re_pair** command in the appropriate mode.

sdr default-sdr re_pair

Syntax Description

re_pair	Activates the re-pairing of RPs in the defined SDR.

Command Default

None

Command Modes

System Admin EXEC

Command History

Release	Modification
Release 6.5.25	This command was introduced.

Usage Guidelines

None

Example

This example shows how to use the **sdr default-sdr re_pair** command:

```
RP/0/RP0:hostname # sdr default-sdr re_pair
```

show default-sdr sdr-pairing

To display information about the pairing details of the currently defined secure domain routers (SDRs), use the **show default-sdr sdr-pairing** command in the appropriate mode.

show sdr-default sdr-pairing

Syntax Description

sdr-pairing	Displays the current pairing of the RPs.

Command Default

A single SDR named **default-sdr** is configured on the router.

Command Modes

System Admin EXEC

Command History

Release	Modification
Release 6.5.25	This command was introduced.

Usage Guidelines

None

Example

This example shows how to use the **show default-sdr sdr-pairing** command:

```
RP/0/RP0:hostname# show default-sdr sdr-pairing

Pairing Mode  INTER-RACK  SDR Lead
   Node 0 0/RP1
   Node 1 1/RP0
 Pairs
   Pair Name Pair0
    Node 0   0/RP1
    Node 1   1/RP0
 Pairs
   Pair Name Pair1
    Node 0   1/RP1
    Node 1   2/RP0
 Pairs
   Pair Name Pair2
    Node 0   2/RP1
    Node 1   3/RP0
 Pairs
   Pair Name Pair3
    Node 0   3/RP1
    Node 1   0/RP0
```