

RSRB State

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Introduction

This document provides information on the state of the RSRB routers when the peer is coming up. This state can be found in the **show source-bridge command** output. These states changes can be found in debug source-event.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

This document is not restricted to specific software and hardware versions.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Conventions

Refer to Cisco Technical Tips Conventions for more information on document conventions.

RSRB State

Open with no problem:

closed	-->	opening
opening	-->	openwait
openwait	-->	remwait
remwait	-->	remgo
remgo	-->	draining
draining	-->	open

Open with no success (the TCP/IP connection is bad):

open	-->	closed
closed	-->	opening
opening	-->	openwait

openwait --> dead

Open with no success (one configuration with fst, the other configuration with TCP):

```
closed --> opening
opening --> openwait
openwait --> remwait
remwait --> openwait
openwait --> remwait
remwait --> openwait
openwait --> remwait
remwait --> openwait
openwait --> remwait
remwait --> openwait
remwait --> dead
```

Additional state information:

```
dead      RSRB_PS_DEAD = 0,          /* temporarily shutdown */
closed    RSRB_PS_CLOSED,      /* no activity */
opening   RSRB_PS_OPENING,   /* waiting for connector */
openwait  RSRB_PS_OPENWAIT,  /* waiting for transport open */
remwait   RSRB_PS_REMWAIT,   /* transport open, waiting for rsp*/
remgo     RSRB_PS_REMGO,     /* remote said do it */
remopen   RSRB_PS_REMOPENED, /* remote opened before we did */
draining  RSRB_PS_DRAINING,  /* sending start queued paks */
open      RSRB_PS_CONNECTED  /* fully open */
```

Related Information

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