

FRAS States Defined

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Introduction

This document defines the possible states for a Frame Relay Access Support (FRAS) connection.

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

For more information on document conventions, refer to the Cisco Technical Tips Conventions.

FRAS States

The output of the **show fras** command displays the current state. These states appear in the same order in which they occur during a successful connection sequence.

- `ls_reset` Initial state.
- `ls_RqOpnStnSent` TEST frame sent; request to open a connection end point.
- `ls_ExchgXid` Exchange identification (XID) negotiation taking place.
- `ls_ConnRqSent` Set Asynchronous Balanced Mode Extended (SABME) sent (connecting side).
- `ls_SigStnWait` Waiting for signal to clean up the congestion, and respond to polling with a receiver not ready (RNR).
- `ls_ConnRspWait` Waiting for the other connection end point (CEP) to bring up the link.
- `ls_ConnRspSent` An unnumbered acknowledgment (UA) has been sent and the router is waiting for a Receive Ready (RR) to clear up the flow.
- `ls_Contacted` Everything is connected.
- `ls_DiscWait` Waiting for an acknowledge to disconnect request.

Related Information

- **Technology Support**
 - **Product Support**
 - **Technical Support – Cisco Systems**
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