

SNA Frame Relay Access Support Commands

This chapter describes the function and displays the syntax of each SNA Frame Relay access support command. For more information about defaults and usage guidelines, see the corresponding chapter of the *Router Products Command Reference* publication.

[no] fras map llc *mac-address lan-lsap lan-rsap serial port*
frame-relay *dlci fr-lsap fr-rsap* [**PFID2** | **AFID2** | **FID4**]

Use the **fras map llc** interface configuration command to associate an LLC connection with a Frame Relay connection. Use the **no** form of this command to cancel the association.

| | |
|-----------------------------------|--|
| <i>mac-address</i> | The MAC address of the downstream SNA device. It is a 48-bit dotted-triple address. |
| <i>lan-lsap</i> | The local SAP address of the downstream SNA device in hexadecimal. For SNA, the address must be multiples of 4. |
| <i>lan-rsap</i> | The destination SAP address from the perspective of the downstream SNA device in hexadecimal. For SNA, the address must be multiples of 4. |
| serial port | The serial interface on which Frame Relay is configured. |
| frame-relay <i>dlci</i> | The Frame Relay data link connection identifier. |
| <i>fr-lsap</i> | The local SAP address of the logical link connection on the CFRAD. |
| <i>fr-rsap</i> | The destination SAP address on the host. |
| PFID2 | (Optional) The FID2 SNA transmission header for SNA peripheral traffic. |
| AFID2 | (Optional) The FID2 transmission header for APPN traffic. |

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FID4 (Optional) The transmission header used on SNA subarea flows.

[no] fras map sdlc *sdlc-address serial port frame-relay dlc*
fr-lsap fr-rsap [**PFID2** | **AFID2** | **FID4**]

Use the **fras map sdlc** interface configuration command to associate an SDLC link with a Frame Relay DLCI. Use the **no** form of this command to cancel the association.

| | |
|------------------------|---|
| <i>sdlc-address</i> | The SDLC address of the downstream SNA device in hexadecimal. |
| serial port | The serial interface on which Frame Relay is configured. |
| frame-relay dlc | The Frame Relay data link connection identifier. |
| <i>fr-lsap</i> | The local SAP address of the logical link connection on the CFRAD. |
| <i>fr-rsap</i> | The destination SAP address on the host. |
| PFID | (Optional) The FID2 SNA transmission header for SNA peripheral traffic. |
| AFID2 | (Optional) The FID2 transmission header for APPN traffic. |
| FID4 | (Optional) The transmission header used on SNA subarea flows. |

frame-relay map llc2 *dlci*

Use the **frame-relay map llc2** interface configuration command to map LLC2 traffic to a DLCI.

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|-------------|--|
| <i>dlci</i> | The Frame Relay data link connection identifier. |
|-------------|--|

frame-relay map rsrb *dld*

Use the **frame-relay map rsrb** interface configuration command to specify the DLCI number onto which the RSRB traffic is to be mapped.

dld The Frame Relay data link connection identifier.

[no] llc2 dynwind [nw *nw-number*] [dwc *dwc-number*]

Use the **llc2 dynwind** interface configuration command to enable dynamic window congestion management. Use the **no** form of this command to cancel the configuration.

nw *nw-number* (Optional) Specifies a number of frames that must be received to increment the working window value by 1.

dwc
dwc-number (Optional) Specifies the number by which the working window value is divided when BECN occurs. Valid numbers are 1, 2, 4, 8, and 16. 1 is a special value that indicates that the working window value should be set to 1 when BECN is indicated.

show fras map

Use the **show fras map** privileged EXEC command to display the mapping and connection state of Frame Relay access support.