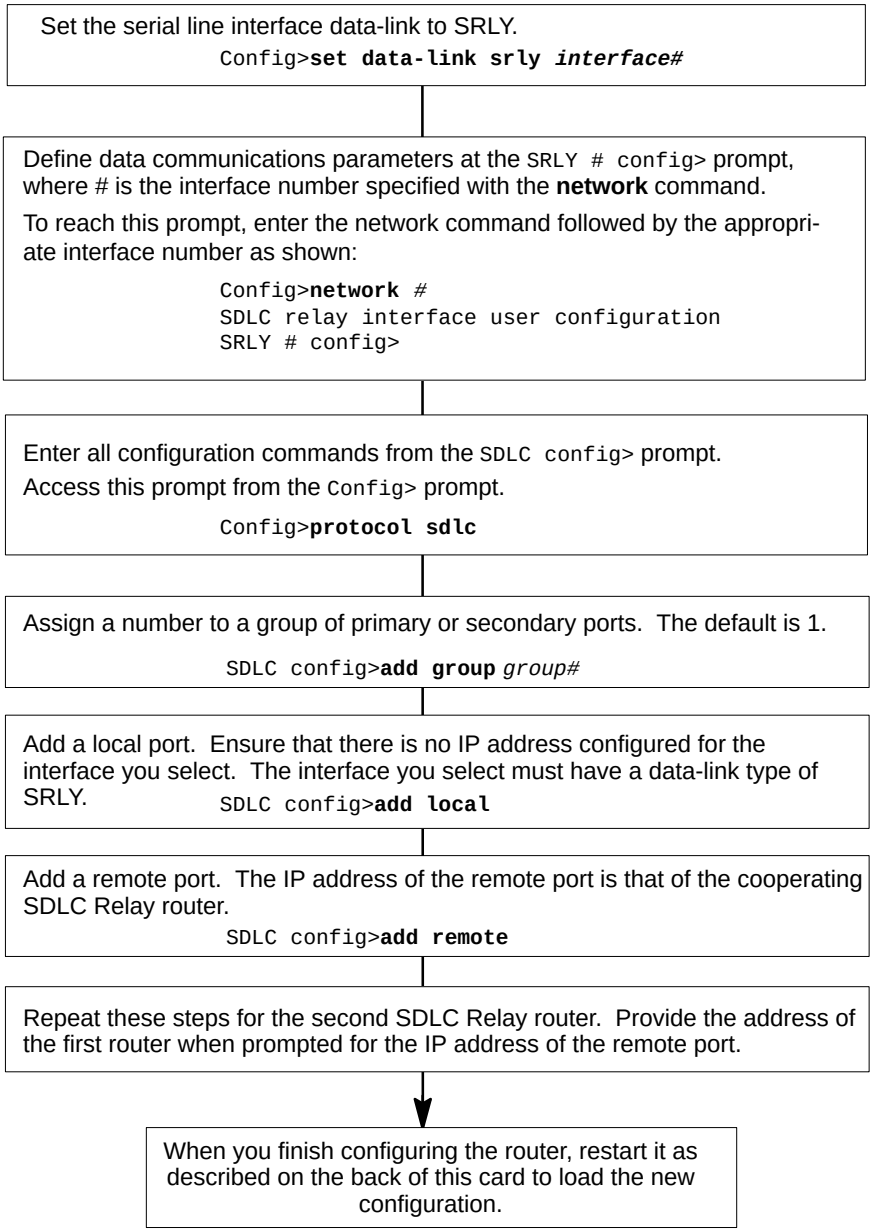
Configuring SDLC Relay



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SDLC Relay Configuration Commands

This section summarizes the SDLC Relay configuration commands. Enter these commands at the SDLC `config>` prompt. The back of this card tells you how to display this prompt. Enter ? to list available commands or their options.

add

group *group#*

Assigns a number to a group of primary or secondary ports added to the router.

local-port *group# interface# primary-or-secondary*

Identifies the interface that you are using for the local port.

remote-port *group# IP address primary-or-secondary*

Identifies the IP address of the port directly connected to the serial line on the remote router.

delete

group *group#*

Removes a group of SDLC relay configured ports.

local-port *interface#*

Removes the local port for the specified interface.

remote-port *group# primary-or-secondary*

Removes the remote port for the specified group.

disable

group *group#*

Suppresses the transfer of SDLC relay frames to or from a specific group.

port *interface# primary-or-secondary*

Suppresses the transfer of SDLC relay frames to or from a specific local port.

enable

group *group#*

Allows the transfer of SDLC relay frames to or from a specific group.

port *interface# primary-or-secondary*

Allows the transfer of SDLC relay frames to or from a specific local port.

list

all

Displays the configurations of all local ports.

group *group#*

Display the configuration for the specified group.

exit

Returns to the `Config>` prompt.

SDLC Relay Monitoring Commands

This section summarizes the SDLC Relay monitoring commands. Enter these commands at the SDLC> prompt. The back of this card tells you how to display this prompt. Enter ? to list available commands or their options.

clear-port-statistics

Clears port statistics gathered since the last time the router was restarted or statistics were cleared.

disable

group *group#*

Suppresses the transfer of SDLC relay frames to or from a specific group.

port *interface# primary-or-secondary*

Suppresses the transfer of SDLC relay frames to or from a specific local port.

enable

group *group#*

Allows the transfer of SDLC relay frames to or from a specific group.

port *interface# primary-or-secondary*

Allows the transfer of SDLC relay frames to or from a specific local port.

list

all

Displays the configuration for the local ports including the group number, port status, device number, packets forwarded and discarded, and the IP address.

group *group#*

Displays the configuration of the specified group including group number, port status, device number, packets forwarded and discarded, and IP address.

exit

Returns to the GWCON (+) prompt.

Configuring the Router

Enter configuration commands at the `Config>` prompt. Access the config prompt as shown:

```
*talk 6
Gateway user configuration
Config>
```

If the `Config>` prompt does not appear, press ↵ again.

To enter SDLC Relay configuration commands, display the `SDLC config>` prompt as shown:

```
Config>protocol sdlc
SDLC config>
```

Define communications parameters at the `SRLY # config>` prompt, where # is the interface number specified with the **network** command. To reach this prompt, enter the network command followed by the appropriate interface number as shown:

```
Config>network #
SDLC relay interface user configuration

SRLY # config>
```

To return to the * prompt at any time, press Ctrl p.

Restarting the Router

When you are done configuring the router, restart it to load the new configuration. Enter **restart** at the * prompt and respond yes to the following prompt:

```
Are you sure you want to restart the gateway? (Yes or No): yes
```

When the new configuration is finished loading, the terminal displays the * prompt.

Monitoring the Router

Enter monitoring commands at the GWCON prompt (+). To enter SRLY monitoring commands, display the `SDLC>` prompt as shown:

```
*talk 5

CGW Operator Console
+protocol sdlc
SDLC>
```