DSPU Configuration Commands

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

[**no**] **dspu activation-window** *window-size*

Use the **dspu activation-window** global configuration command to define the number of activation request units (RUs) and response messages (such as ACTLUs or DDDLU NMVTs) that can be sent without waiting for responses from the remote PU. Use the **no** form of this command to return to the default window size.

window-size	Number of outstanding unacknowledged activation RUs. The default is 5.

[**no**] **dspu default-pu** [**window** *window-size*] [**maxiframe** *max-iframe*]

Use the **dspu default-pu** global configuration command to enable the default PU feature to be used when a downstream PU attempts to connect, but does not match any of the explicit PU definitions. Use the **no** form of this command to disable the default PU feature.

window *window-size*	(Optional) Defines the send and receive window sizes used across the link. The range is 1 to 127. The default is 7.
maxiframe *max-iframe*	(Optional) Defines the maximum size (in bytes) of an I-frame that can be transmitted or received across the link. The range is 64 bytes to 18,432 bytes. The default is 1472.

[**no**] **dspu enable-host qllc** *x121-sub address*

Use the **dspu enable-host** (QLLC) interface configuration command to enable an X.121 subaddress for use by upstream host connections via QLLC. Use the **no** form of this command to disable the X.121 subaddress.

qllc	Required keyword for QLLC data link control.
x121-sub address	The X.121 subaddress.

[**no**] **dspu enable-host sdlc** *sdlc-address*

Use the **dspu enable-host** (SDLC) interface configuration command to enable an SDLC address for use by upstream host connections. Use the **no** form of this command to cancel the definition.

sdlc	Required keyword for SDLC data link control.
sdlc-address	SDLC address.

[**no**] **dspu enable-host** [**lsap** *local-sap*]

Use the **dspu enable-host** (Token Ring or Ethernet) interface configuration command to enable a local SAP on Token Ring or Ethernet interfaces for use by upstream hosts. Use the **no** form of this command to cancel the definition.

lsap	(Optional) Specifies that the local SAP will be activated as an upstream SAP for both receiving incoming connection attempts and for starting outgoing connection attempts.
local-sap	(Optional) Local SAP address. The default is 12.

[**no**] **dspu enable-pu qllc** *x121-sub-addr*

Use the **dspu enable-pu** (QLLC) interface configuration command to enable an X.121 subaddress for use by downstream PU connections via QLLC. Use the **no** form of this command to cancel the definition.

qllc	Required keyword for QLLC data link control.
x121-sub-addr	A variable-length X.121 address. It is assigned by the X.25 network service provider.

[**no**] **dspu enable-pu sdlc** *sdlc-addr*

Use the **dspu enable-pu** (SDLC) interface configuration command to enable an SDLC address for use by downstream PU connections. Use the **no** form of this command to disable the connection.

sdlc	Required keyword for SDLC data link control.
sdlc-addr	SDLC address.

[**no**] **dspu host** *host-name* **xid-snd** *xid* **dlci** *dlci-number* [**rsap** *remote-sap*] [**lsap** *local-sap*] [**interface** *slot/port*] [**window** *window-size*] [**maxiframe** *max-iframe*] [**retries** *retry-count*] [**retry-timeout** *retry-timeout*] [**focalpoint**]

Use the **dspu host** (Frame Relay) global configuration command to define a DSPU host over a Frame Relay connection. Use the **no** form of this command to cancel the definition.

host-name	The specified DSPU host.
xid-snd *xid*	XID that will be sent to the host during connection establishment. The XID value is 8 hexadecimal digits that include both Block and ID numbers. For example, if the XID value is 05D00001, the Block number is 05D and the ID number is 00001.
dlci *dlci-number*	DLCI number, in hexadecimal.
rsap *rsap-addr*	Remote Service Access Provider address.
lsap *lsap-addr*	Local Service Access Provider address

interface *slot/port*	(Optional) Slot and port number of the interface.
window *window-size*	(Optional) Send and receive window sizes used for the host link. The range is 1 to 127.
maxiframe *max-iframe*	(Optional) Send and receive maximum I-frame sizes used for the host link. The range is 64 to 18432. The default is 1472.
retries *retry-count*	(Optional) Number of times the DSPU attempts to retry establishing connection with remote host PU. The range is 0 to 255 (0 = no retry attempts, 255 = infinite retry attempts). The default is 255.
retry-timeout *retry-timeout*	(Optional) Delay (in seconds) between DSPU attempts to retry establishing connection with remote host PU. The range is 1 to 600 seconds. The default is 30.
focalpoint	(Optional) Specifies that the host link will be used for the focal point support.

[**no**] **dspu host** *host-name* **xid-snd** *xid* **x25** *remote-x121-addr*
[**qllc** *local-x121-sub-addr*] [**interface** *slot/port*]
[**window** *window-size*] [**maxiframe** *max-iframe*]
[**retries** *retry-count*] [**retry-timeout** *retry-timeout*] [**focalpoint**]

Use the **dspu host** (QLLC) global configuration command to define a DSPU host over an X.25/QLLC connection. Use the **no** form of this command to delete the DSPU host definition.

host-name	The specified DSPU host.
xid-snd *xid*	XID that will be sent to the host during connection establishment. The *xid* value is 8 hexadecimal digits that include both block and ID numbers. For example, if the *xid* value is 05D00001, the Block number is 05D and the ID number is 00001.
x25 *remote-x1211-addr*	Remote X.121 address address.

qllc *local-x121-sub-addr*	(Optional) Local X.121 subaddress.
interface *slot/port*	(Optional) Slot and port number of the interface.
window *window-size*	(Optional) Send and receive window sizes used for the host link. The range is 1 to 127.
maxiframe *max-iframe*	(Optional) Send and receive maximum I-frame sizes used for the host link. The range is 64 to 18432. The default is 1472.
retries *retry-count*	(Optional) Number of times the DSPU attempts to retry establishing connection with remote host PU. The range is 0 to 255 (0 = no retry attempts, 255 = infinite retry attempts). The default is 255.
retry-timeout *retry-timeout*	(Optional) Delay (in seconds) between DSPU attempts to retry establishing connection with remote host PU. The range is 1 to 600 seconds. The default is 30.
focalpoint	(Optional) Specifies that the host link will be used for the focal point support.

[**no**] **dspu host** *host-name* **xid-snd** *xid* **sdlc** *sdlc-addr* [**interface** *slot/port*] [**window** *window-size*] [**maxiframe** *max-iframe*] [**retries** *retry-count*] [**retry-timeout** *retry-timeout*] [**focalpoint**]

Use the **dspu host** (SDLC) global configuration command to define a DSPU host over an SDLC connection. Use the **no** form of this command to cancel the definition.

host-name	The specified DSPU host.

xid-snd *xid*	XID that will be sent to the host during connection establishment. The XID value is 8 hexadecimal digits that include both Block and ID numbers. For example, if the XID value is 05D00001, the Block number is 05D and the ID number is 00001.
sdlc *sdlc-addr*	SDLC hexadecimal address.
interface *slot/port*	(Optional) Slot and port number of the interface.
window *window-size*	(Optional) Send and receive window sizes used for the host link. The range is 1 to 127.
maxiframe *max-iframe*	(Optional) Send and receive maximum I-frame sizes used for the host link. The range is 64 to 18432. The default is 1472.
retries *retry-count*	(Optional) Number of times the DSPU attempts to retry establishing connection with remote host PU. The range is 0 to 255 (0 = no retry attempts, 255 = infinite retry attempts). The default is 255.
retry-timeout *retry-timeout*	(Optional) Delay (in seconds) between DSPU attempts to retry establishing connection with remote host PU. The range is 1 to 600 seconds. The default is 30.
focalpoint	(Optional) Specifies that the host link will be used for the focal point support.

[**no**] **dspu host** *host-name* **xid-snd** *xid* **rmac** *remote-mac* [**rsap** *remote-sap*] [**lsap** *local-sap*] [**interface** *slot/port*] [**window** *window-size*] [**maxiframe** *max-iframe*] [**retries** *retry-count*] [**retry-timeout** *retry-timeout*] [**focalpoint**]

Use the **dspu host** (Token Ring, Ethernet, RSRB) global configuration command to define a DSPU host over TokenRing, Ethernet, or RSRB connections. Use the **no** form of this command to cancel the definition.

host-name	The specified DSPU host.
xid-snd *xid*	XID that will be sent to the host during connection establishment. The XID value is 8 hexadecimal digits that include both Block and ID numbers. For example, if the XID value is 05D00001, the Block number is 05D and the ID number is 00001.
rmac *rmac*	MAC address of the remote host PU.
rsap *remote-sap*	(Optional) SAP address of the remote host PU. The default is 4.
lsap *local-sap*	(Optional) Local SAP address used by the DSPU to establish connection with the remote host.
interface *slot/port*	(Optional) Slot and port number of the interface.
window *window-size*	(Optional) Send and receive window sizes used for the host link. The range is 1 to 127.
maxiframe *max-iframe*	(Optional) Send and receive maximum I-frame sizes used for the host link. The range is 64 to 18432. The default is 1472.
retries *retry-count*	(Optional) Number of times the DSPU attempts to retry establishing connection with remote host PU. The range is 0 to 255 (0 = no retry attempts, 255 = infinite retry attempts). The default is 255.

retry-timeout *retry-timeout*	(Optional) Delay (in seconds) between DSPU attempts to retry establishing connection with remote host PU. The range is 1 to 600 seconds. The default is 30.
focalpoint	(Optional) Specifies that the host link will be used for the focal point support.

[**no**] **dspu lu** *lu-start* [*lu-end*] [**host** *host-name host-lu-start*] [**pu** *pu-name*]

Use the **dspu lu** global configuration command to define a dedicated LU or a range of LUs for an upstream host and a downstream PU. Use the **no** form of this command to cancel the definition.

lu-start	Starting LU address in the range of LUs to be assigned from a pool or dedicated to a host.
lu-end	(Optional) Ending LU address in the range of LUs to be assigned from a pool or dedicated to a host.
host *host-name host-lu-start*	(Optional) Specifies that each LU in the range of LUs will be dedicated to a host LU *host-name*. The range of host LUs starts with the address *host_lu_start*.
pu *pu-name*	(Optional) The downstream PU for which this range of LUs is being defined.

[**no**] **dspu pool** *pool-name* **host** *host-name* **lu** *lu-start* [*lu-end*] [**inactivity-timeout** *inactivity-minutes*]

Use the **dspu pool** global configuration command to define a range of host LUs in an LU pool. Use the **no** form of this command to remove the definition.

pool-name	Name identifier of the pool.
host *host-name*	Name of the host that owns the range of host LUs in the pool.
lu *lu-start*	Starting LU address in the range of host LUs in the pool.
lu-end	(Optional) The ending address (inclusive) of the range of host LUs in the pool. If no ending address is specified, only one LU (identified by *lu-start*) will be defined in the pool.
inactivity-timeout *inactivity-minutes*	(Optional) Interval of inactivity (in minutes) on either the SSCP-LU or LU-LU sessions, which will cause the downstream LU to be disconnected from the upstream LU.

[**no**] **dspu pu** *pu-name* **dlci** *dlci-number* [**rsap** *remote-sap*] [**lsap** *local-sap*] [**xid-rcv** *xid*] [**interface** *slot/port*] [**window** *window-size*] [**maxiframe** *max-iframe*] [**retries** *retry-count*] [**retry-timeout** *retry-timeout*]

Use the **dspu pu** (Frame Relay) global configuration command to define a DSPU host over a Frame Relay connection. Use the **no** form of this command to cancel the definition.

pu-name	Name of the downstream PU.
dlci *dlci-number*	DLCI number.
rsap *remote-sap*	(Optional) SAP address of the downstream PU. The default is 4.

lsap *local-sap*	(Optional) Local SAP address used by the DSPU to establish connection with the downstream PU. The default is 8.
xid-rcv *xid*	(Optional) Specifies a match on XID.
interface *slot/port*	(Optional) Slot and port number of the interface.
window *window-size*	(Optional) Send and receive sizes used for the downstream PU link. The range is 1 to 127. The default is 7.
maxiframe *max-iframe*	(Optional) Maximum I-frame that can be transmitted or received across the link. The range is 64 to 18,432. The default is 1472.
retries *retry-count*	Number of times the DSPU attempts to retry establishing connection with downstream PU. The range is 0 to 255 (0 = no retry attempts, 255 = infinite retry attempts). The default is 4.
retry-timeout *retry-timeout*	(Optional) Delay (in seconds) between DSPU attempts to retry establishing connection with downstream PU. The range is 1 to 600 seconds. The default is 30.

[**no**] **dspu pu** *pu-name* **x25** *remote-x121-addr* [**qllc** *local-x121-sub-addr*] [**xid-rcv** *xid*] [**interface** *slot/port*] [**window** *window-size*] [**maxiframe** *max-iframe*] [**retries** *retry-count*] [**retry-timeout** *retry-timeout*]

Use the **dspu pu** (QLLC) global configuration command to explicitly define a downstream PU over an X.25 connection. Use the **no** form of this command to cancel the definition.

pu-name	Name of the downstream PU.
x25 *remote-x121-addr*	Variable-length X.121 address. It is assigned by the X.25 network service provider.
qllc *local-x121-subaddr*	(Optional) Local X.121 subaddress.

xid-rcv *xid*	(Optional) Specifies a match on XID.
interface *slot/port*	(Optional) Slot and port number of the interface.
window *window-size*	(Optional) Send and receive sizes used for the downstream PU link. The range is 1 to 127. The default is 7.
maxiframe *max-iframe*	(Optional) Maximum I-frame that can be transmitted or received across the link. The range is 64 to 18,432. The default is 1472.
retries *retry-count*	Number of times the DSPU attempts to retry establishing connection with downstream PU. The range is 0 to 255 (0 = no retry attempts, 255 = infinite retry attempts). The default is 4.
retry-timeout *retry-timeout*	(Optional) Delay (in seconds) between DSPU attempts to retry establishing connection with downstream PU. The range is 1 to 600 seconds. The default is 30.

[**no**] **dspu pu** *pu-name* **xid-rcv** *xid* **sdlc** *sdlc-addr* [**interface** *slot/port*] [**window** *window-size*] [**maxiframe** *max-iframe*] [**retries** *retry-count*] [**retry-timeout** *retry-timeout*]

Use the **dspu pu** (SDLC) global configuration command to define a DSPU host over an SDLC connection. Use the **no** form of this command to cancel the definition.

pu-name	Name of the downstream PU.
xid-rcv *xid*	Specifies a match on XID.
sdlc *sdlc-addr*	SDLC address.
interface *slot/port*	(Optional) Slot and port number of the interface.
window *window-size*	(Optional) Send and receive sizes used for the downstream PU link. The range is 1 to 127. The default is 7.

maxiframe *max-iframe*	(Optional) Maximum I-frame that can be transmitted or received across the link. The range is 64 to 18,432. The default is 1472.
retries *retry-count*	(Optional) Number of times the DSPU attempts to retry establishing connection with downstream PU. The range is 0 to 255 (0 = no retry attempts, 255 = infinite retry attempts). The default is 4.
retry-timeout *retry-timeout*	(Optional) Delay (in seconds) between DSPU attempts to retry establishing connection with downstream PU. The range is 1 to 600 seconds. The default is 30.

[**no**] **dspu pu** *pu-name* [**rmac** *remote-mac*] [**rsap** *remote-sap*] [**lsap** *local-sap*] [**xid-rcv** *xid*] [**interface** *slot/port*] [**window** *window-size*] [**maxiframe** *max-iframe*] [**retries** *retry-count*] [**retry-timeout** *retry-timeout*]

Use the **dspu pu** (Token Ring, Ethernet, RSRB) global configuration command to define an explicit downstream PU over Token Ring, Ethernet, or RSRB connections. Use the **no** form of this command to cancel the definition.

pu-name	Name of the downstream PU.
rmac *remote-mac*	(Optional) MAC address of the downstream PU.
rsap *remote-sap*	(Optional) SAP address of the downstream PU. The default is 4.
lsap *local-sap*	(Optional) Local SAP address used by the DSPU to establish connection with the downstream PU. The default is 8.
xid-rcv *xid*	(Optional) Specifies a match on XID.
interface *slot/port*	(Optional) Slot and port number of the interface.

window *window-size*	(Optional) Send and receive sizes used for the downstream PU link. The range is 1 to 127. The default is 7.
maxiframe *max-iframe*	(Optional) Maximum I-frame that can be transmitted or received across the link. The range is 64 to 18,432. The default is 1472.
retries *retry-count*	Number of times the DSPU attempts to retry establishing connection with downstream PU. The range is 0 to 255 (0 = no retry attempts, 255 = infinite retry attempts). The default is 4.
retry-timeout *retry-timeout*	(Optional) Delay (in seconds) between DSPU attempts to retry establishing connection with downstream PU. The range is 1 to 600 seconds. The default is 30.

[**no**] **dspu rsrb** *local-virtual-ring bridge-number target-virtual-ring virtual-macaddr*

Use the **dspu rsrb** global configuration command to define the local virtual ring, the virtual bridge, the target virtual ring, and the virtual MAC address that the DSPU feature will simulate at the RSRB. Use the **no** form of this command to cancel the definition.

local-virtual-ring	DSPU local virtual ring number.
bridge-number	Bridge number connecting the DSPU local virtual ring and the RSRB target virtual ring. Currently, the bridge number must always be configured with a value of 1.
target-virtual-ring	RSRB target virtual ring number. The RSRB target virtual ring corresponds to the ring-number parameter defined by a **source-bridge ring-group** command.
virtual-macaddr	DSPU virtual MAC address.

[**no**] **dspu rsrb enable-host** [**lsap** *local-sap*]

Use the **dspu rsrb enable-host** global configuration command to enable an RSRB SAP for use by DSPU host connections. Use the **no** form of this command to disable the RSRB SAP.

lsap *local-sap*	(Optional) Specifies that the local SAP address will be activated as an upstream SAP for both receiving incoming connections attempts and for starting outgoing connection attempts. The default is 12.

[**no**] **dspu rsrb enable-pu** [**lsap** *local-sap*]

Use the **dspu rsrb enable-pu** global configuration command to enable an RSRB SAP for use by DSPU downstream connections. Use the **no** form of this command to disable the SAP.

lsap *local-sap*	(Optional) Specifies that the local SAP address will be activated as an upstream SAP for both receiving incoming connection attempts and for starting outgoing connection attempts. The default local SAP is 8.

[**no**] **dspu rsrb start** {*host-name* | *pu-name*}

Use the **dspu rsrb start** global configuration command to specify that an attempt will be made to connect to the remote resource defined by host name or PU name through the RSRB. Use the **no** form of this command to cancel the definition.

host-name	Name of a host defined in a **dspu host xid-snd rmac** command.
pu-name	Name of a PU defined in a **dspu pu** command.

[**no**] **dspu start** {*host-name* | *pu-name*}

Use the **dspu start** interface configuration command to specify that an attempt will be made to connect to the remote resource defined by host name or pu name. Use the **no** form of this command to cancel the definition.

host-name	Name of a host defined in a **dspu host xid-snd rmac** command.
pu-name	Name of a PU defined in a **dspu pu** command.

lan-name *lan-name*

Use the **lan-name** interface configuration command to specify a name for the LAN that is attached to the interface. Use the **no** form of this command to disable SNA on the interface.

lan-name	Name used to identify the LAN when you send Alerts to the SNA host.

location *location-description*

Use the **location** global configuration command to specify the physical location of the router. This information is included in the Vital Product Information, when this information is requested from an SNA host. Use the **no** form of this command to remove the physical location information.

location-description	A description of the physical location of the router. This can be up to 50 characters long, and can include blanks.

show dspu [**pool** *pool-name* | [**pu** {*pu-name* |*host-name*} [**all**]]

Use the **show dspu** privileged EXEC command to display the status of the DSPU feature.

pool *pool-name*	(Optional) Name of a pool of LUs (as defined by the **dspu pool** command).

pu	(Optional) Name of defined PU (as defined by either the **dspu pu** command or the **dspu host xid-snd rmac** command).
host-name	Name of a host defined in a **dspu host xid-snd rmac** command.
pu-name	Name of a PU defined in a **dspu pu** command.
all	(Optional) Show a detailed status.

show sna [**pu** {*pu-name* | *host-name*} [**all**]]

Use the **show sna** privileged EXEC command to display the status of the SNA Service Point feature.

pu	(Optional) Specifies the name of the defined host (as defined by the **sna host** (Token Ring, Ethernet, RSRB) or equivalent command.
host-name	The name of a host defined in an **sna host** (Token Ring, Ethernet, RSRB) command.
pu-name	The name of a PU defined in a **dspu pu** command.
all	(Optional) Show a detailed status.

[**no**] **sna enable-host qllc** *x121-sub-address*

Use the **sna enable host** (QLLC) interface configuration command to enable an X.121 subaddress for use by the SNA Service Point on the interface. Use the **no** form of this command to disable SNA Service Point on the interface.

qllc	Required keyword for QLLC data link control.
x121-sub-address	The X.121 subaddress.

[**no**] **sna enable-host sdlc** *sdlc-address*

Use the **sna enable-host** (SDLC) interface configuration command to enable an SDLC address for use by m host connections. Use the **no** form of this command to cancel the definition.

sdlc	Required keyword for SDLC data link control.
sdlc-address	The SDLC address.

[**no**] **sna enable-host** [**lsap** *lsap-addr*]

Use the **sna enable host** (Token Ring, Ethernet, Frame Relay) interface configuration command to enable SNA on the interface. Use the **no** form of this command to disable SNA on the interface.

lsap	(Optional) Activate a local SAP as an upstream SAP, for both receiving connectIn attempts and for starting connectOut attempts.
lsap-addr	Local SAP. The default is 12.

[**no**] **sna enable-pu** [**lsap** *lsap-addr*]

Use the **sna enable pu** interface configuration command to enable SNA on the interface. Use the **no** form of this command to disable SNA on the interface.

lsap	(Optional) Activate a local SAP as an upstream SAP, for both receiving connectIn attempts and for starting connectOut attempts.
local-sap	Local SAP. The default is 12.

[**no**] **sna host** *host-name* **xid-snd** *xid* **dlci** *dlci-number* [**rsap** *remote-sap*] [**lsap** *local-sap*] [**interface** *slot/port*] [**window** *window-size*] [**maxiframe** *max-iframe*] [**retries** *retry-count*] [**retry-timeout** *retry-timeout*] [**focalpoint**]

Use the **sna host** (Frame Relay) global configuration command to define a link to an SNA host.

host-name	The specified SNA host.
xid-snd *xid*	XID that will be sent to the host during connection establishment. The XID value is 8 hexadecimal digits that include both Block and ID numbers. For example, if the XID value is 05D00001, the Block number is 05D and the ID number is 00001.
dlci *dlci-number*	DLCI number, in hexadecimal.
rsap *remote-sap*	(Optional) SAP address of the remote host PU. The default is 4.
lsap *local-sap*	(Optional) Local SAP address used by the SNA Service Point to establish connection with the remote host.
interface *slot/port*	(Optional) Slot and port number of the interface.
window *window-size*	(Optional) Send and receive window sizes used for the host link. The range is 1 to 127.
maxiframe *max-iframe*	(Optional) Send and receive maximum I-frame sizes used for the host link. The range is 64 to 18432. The default is 1472.

retries *retry-count*	(Optional) Number of times the SNA Service Point attempts to retry establishing connection with remote host PU. The range is 0 to 255 (0 = no retry attempts, 255 = infinite retry attempts). The default is 255.
retry-timeout *retry-timeout*	(Optional) Delay (in seconds) between DSPU attempts to retry establishing connection with remote host PU. The range is 1 to 600 seconds. The default is 30.
focalpoint	(Optional) Specifies that the host link will be used for the focal point support.

[**no**] **sna host** *host-name* **xid-snd** *xid* **x25** *remote-x121-addr*
[**qllc** *local-x121-sub-addr*] [**interface** *slot/port*]
[**window** *window-size*] [**maxiframe** *max-iframe*]
[**retries** *retry-count*] [**retry-timeout** *retry-timeout*] [**focalpoint**]

Use the **sna host** (QLLC) global configuration command to define a link to an SNA host.

host-name	The specified SNA host.
xid-snd *xid*	XID that will be sent to the host during connection establishment. The XID value is 8 hexadecimal digits that include both Block and ID numbers. For example, if the XID value is 05D00001, the Block number is 05D and the ID number is 00001.
x25 *remote-x121-addr*	SDLC address.
qllc *local-x121-sub-addr*	(Optional) SAP address of the remote host PU. The default is 4.
interface *slot/port*	(Optional) Slot and port number of the interface.
window *window-size*	(Optional) Send and receive window sizes used for the host link. The range is 1 to 127.

maxiframe *max-iframe*	(Optional) Send and receive maximum I-frame sizes used for the host link. The range is 64 to 18432. The default is 1472.
retries *retry-count*	(Optional) Number of times the DSPU attempts to retry establishing connection with remote host PU. The range is 0 to 255 (0 = no retry attempts, 255 = infinite retry attempts). The default is 255.
retry-timeout *retry-timeout*	(Optional) Delay (in seconds) between DSPU attempts to retry establishing connection with remote host PU. The range is 1 to 600 seconds. The default is 30.
focalpoint	(Optional) Specifies that the host link will be used for the focal point support.

[**no**] **sna host** *host-name* **xid-snd** *xid* **sdlc** *sdlc-addr*
[**rsap** *remote-sap*] [**lsap** *local-sap*] [**interface** *slot/port*]
[**window** *window-size*] [**maxiframe** *max-iframe*]
[**retries** *retry-count*] [**retry-timeout** *retry-timeout*] [**focalpoint**]

Use the **sna host** (SDLC) global configuration command to define a link to an SNA host.

host-name	The specified SNA host.
xid-snd *xid*	XID that will be sent to the host during connection establishment. The XID value is 8 hexadecimal digits that include both Block and ID numbers. For example, if the XID value is 05D00001, the Block number is 05D and the ID number is 00001.
sdlc *sdlc-addr*	SDLC address.
rsap *remote-sap*	(Optional) SAP address of the remote host PU. The default is 4.
lsap *local-sap*	(Optional) Local SAP address used by the DSPU to establish connection with the remote host.

interface *slot/port*	(Optional) Slot and port number of the interface.
window *window-size*	(Optional) Send and receive window sizes used for the host link. The range is 1 to 127.
maxiframe *max-iframe*	(Optional) Send and receive maximum I-frame sizes used for the host link. The range is 64 to 18432. The default is 1472.
retries *retry-count*	(Optional) Number of times the DSPU attempts to retry establishing connection with remote host PU. The range is 0 to 255 (0 = no retry attempts, 255 = infinite retry attempts). The default is 255.
retry-timeout *retry-timeout*	(Optional) Delay (in seconds) between DSPU attempts to retry establishing connection with remote host PU. The range is 1 to 600 seconds. The default is 30.
focalpoint	(Optional) Specifies that the host link will be used for the focal point support.

[**no**] **sna host** *host-name* **xid-snd** *xid* **rmac** *remote-mac* [**rsap** *remote-sap*] [**lsap** *local-sap*] [**interface** *slot/port*] [**window** *window-size*] [**maxiframe** *max-iframe*] [**retries** *retry-count*] [**retry-timeout** *retry-timeout*] [**focalpoint**]

Use the **sna host** (Token Ring, Ethernet, RSRB) global configuration command to define a link to an SNA host.

host-name	The specified SNA host.
xid-snd *xid*	XID that will be sent to the host during connection establishment. The XID value is 8 hexadecimal digits that include both Block and ID numbers. For example, if the XID value is 05D00001, the Block number is 05D and the ID number is 00001.
rmac *rmac*	MAC address of the remote host PU.

rsap *remote-sap*	(Optional) SAP address of the remote host PU. The default is 4.
lsap *local-sap*	(Optional) Local SAP address used by the DSPU to establish connection with the remote host.
interface *slot/port*	(Optional) Slot and port number of the interface.
window *window-size*	(Optional) Send and receive window sizes used for the host link. The range is 1 to 127.
maxiframe *max-iframe*	(Optional) Send and receive maximum I-frame sizes used for the host link. The range is 64 to 18432. The default is 1472.
retries *retry-count*	(Optional) Number of times the DSPU attempts to retry establishing connection with remote host PU. The range is 0 to 255 (0 = no retry attempts, 255 = infinite retry attempts). The default is 255.
retry-timeout *retry-timeout*	(Optional) Delay (in seconds) between DSPU attempts to retry establishing connection with remote host PU. The range is 1 to 600 seconds. The default is 30.
focalpoint	(Optional) Specifies that the host link will be used for the focal point support.

[**no**] **sna rsrb** *local-virtual-ring bridge-number target-virtual-ring virtual-macaddr*

Use the **sna rsrb** interface configuration command to specify the entities that the SNA feature will simulate at the remote source-route bridge. Use the **no** form of this command to cancel the specification.

local-virtual-ring	Local virtual ring.

bridge-number	Virtual bridge number. The default virtual bridge number is 1.
target-virtual-ring	Target virtual ring.
virtual-macaddr	Virtual MAC address.

[**no**] **sna rsrb enable-host** [**lsap** *local-sap*]

Use the **sna rsrb enable-host** global configuration command to enable an RSRB SAP for use by SNA Service Point.s. Use the **no** form of this command to disable the RSRB SAP.

lsap *local-sap*	(Optional) Specifies that the local SAP address will be activated as an upstream SAP for both receiving incoming connections attempts and for starting outgoing connection attempts. The default is 12.

[**no**] **sna rsrb start** *host-name*

Use the **sna rsrb start** global configuration command to specify that an attempt will be made to connect to the remote resource defined by host name through the RSRB. Use the **no** form of this command to cancel the definition.

host-name	The name of a host defined in a **sna host** (Token Ring, Ethernet, RSRB) or equivalent command.

[**no**] **sna start** [*resource-name*]

Use the **sna start** interface configuration command to initiate a connection to a remote resource. Use the **no** form of this command to cancel the connection attempt.

resource-name	Name of a host defined in a **sna host** command.