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QLLC to Reverse SDLLC Configuration Example

Document ID: 64078

Introduction

Prerequisites

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Introduction

This document provides a sample configuration for Qualified Logical Link Control (QLLC) to reverse Synchronous Data Logical Link Control (SDLLC).

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

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

Conventions

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

Configure

This section presents you with the information you can use in order to configure the features this document describes.

Note: In order to find additional information on the commands this document uses, use the Command Lookup Tool (registered customers only) .

Configurations

This document uses these configurations:

- Router A

- Router B

```
Router A

source-bridge ring-group 100
source-bridge remote-peer 100 tcp 1.0.0.1
source-bridge remote-peer 100 tcp 5.0.0.1

interface serial 0
encaps x25
x25 address 311901001
x25 map qllc 4000.3745.00C1 311901002
x25 map qllc 4000.3745.00C2 311901002
x25 npsi-poll 4000.3745.00C1
x25 npsi-poll 4000.3745.00C2
qllc srb 4000.3745.00C1 200 100
qllc srb 4000.3745.00C2 200 100

interface serial 1
ip address 1.0.0.1 255.255.255.0
encaps x25
x25 address 311040001001
x25 map ip 5.0.0.1 311040001002
```

```
Router B

source-bridge ring-group 100
source-bridge remote-peer 100 tcp 1.0.0.1
source-bridge remote-peer 100 tcp 5.0.0.1

interface serial 0
encaps x25
ip address 5.0.0.1 255.255.255.0
x25 address 311040001002
x25 map ip 1.0.0.1 311040001001

interface serial 1
encaps sdlc
sdllc traddr 4000.3174.0000 400 1 100
sdlc address C1
sdlc address C2
sdllc partner 4000.3745.00C1 C1
sdllc partner 4000.3745.00C2 C2
sdllc xid C1 017010C1
sdllc xid C2 017010C2
```

Notes:

- Requires exchange identification (XID) from a LAN-attached device in order to initiate a session.
- The IP routing configuration is not shown. The assumption is that the IP routing configuration runs properly.
- Clocking is also required by the DCE device (not shown in these configurations).

Verify

There is currently no verification procedure available for this configuration.

Troubleshoot

There is currently no specific troubleshooting information available for this configuration.

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- **Technical Support – Cisco Systems**

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