

Configuring DLSw Ethernet to Ethernet

Document ID: 12342

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Introduction

In this example, we configure data-link switching (DLSw) Ethernet to Ethernet.

In the network diagram below, IP connectivity is assumed by the presence of:

- A static route on Router A pointing to network 132.146.251.0 and Router B pointing to 132.146.252.0, or
- A dynamic routing protocol running with the networks configured.

Before You Begin

Conventions

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

Prerequisites

There are no specific prerequisites for this document.

Components Used

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

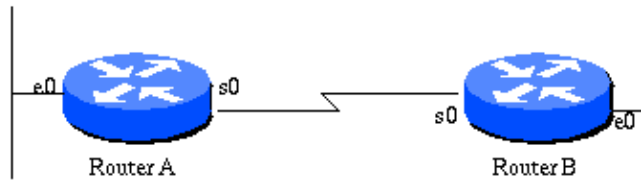
Configure

In this section, you are presented with the information to configure the features described in this document.

Note: To find additional information on the commands used in this document, use the Command Lookup Tool (registered customers only) .

Network Diagram

This document uses the network setup shown in the diagram below.



Configurations

This document uses the configurations shown below.

Router A
<pre>hostname RouterA dlsw local-peer peer-id 132.146.252.1 dlsw remote-peer 0 tcp 132.146.251.1 dlsw bridge-group 1 interface Ethernet0 ip address 132.146.252.1 255.255.255.0 bridge-group 1 interface Serial0 ip address 132.146.250.2 255.255.255.0 bandwidth 336 bridge 1 protocol ieee</pre>

Router B
<pre>hostname RouterB dlsw local-peer peer-id 132.146.251.1 dlsw remote-peer 0 tcp 132.146.252.1 dlsw bridge-group 1 interface Ethernet0 ip address 132.146.251.1 255.255.255.0 bridge-group 1 interface Serial0 ip address 132.146.250.1 255.255.255.0 bandwidth 336 bridge 1 protocol ieee</pre>

Note: The **source-bridge ring-group** statement is not used in this configuration.

Verify

There is currently no verification procedure available for this configuration.

Troubleshoot

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

Related Information

- **Technical Support – Cisco Systems**
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