Configuring STUN with Mixed Encapsulation

Document ID: 12279

Contents

Introduction

This document provides a sample configuration for configuring Serial Tunneling (STUN) with mixed encapsulation.

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.

The information presented in this document was created from devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If you are working in a live network, ensure that you understand the potential impact of any command before using it.
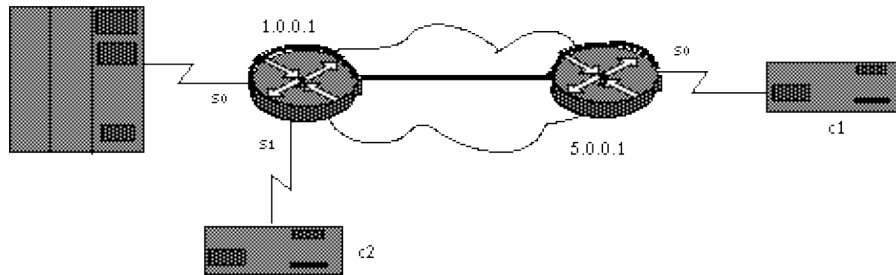
Configure

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
- Router B

Router A
| ```
stun peer-name 1.0.0.1
stun protocol-group 9 sdlc

interface serial 0
encapsulation stun
stun group 9
stun route address c1 tcp 5.0.0.1
stun route address c2 interface serial 1 direct

interface serial 1
encapsulation stun
stun group 9
stun route address c2 interface serial 0 direct

interface loopback 0
ip address 1.0.0.1 255.255.255.0
``` |

Router B
| ```
stun peer-name 5.0.0.1
stun protocol-group 9 sdlc

interface serial 0
encapsulation stun
stun group 9
stun route address c1 tcp 1.0.0.1

interface loopback 0
ip address 5.0.0.1 255.255.255.0
``` |

Note: Although not shown in the diagram above, clocking needs to be supplied by the DCE. The easiest way to do this is by using a Cisco DCE cable at the router side and issuing the **clockrate configuration** command. For simplicity, IP routing, WAN configurations, SDLC addresses and other SDLC−specific configurations are not shown above. This configuration highlights how STUN can be used in mixed encapsulation. For more details, refer to Configuring and Troubleshooting Serial Tunneling (STUN).

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

- **STUN/BSTUN Support**
- **Technical Support – Cisco Systems**

Updated: Sep 09, 2005   Document ID: 12279