STUN Basic with Multiple Tunnels

Document ID: 12275

Introduction

This document provides a sample configuration, which shows that there can be multiple tunnels within a single IP network.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

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

Conventions

Refer to Cisco Technical Tips Conventions for more information on document conventions.
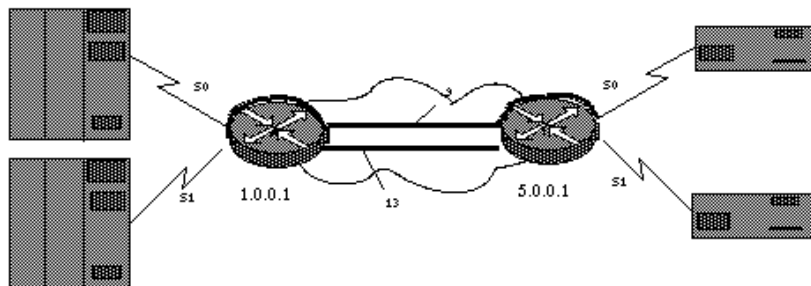
Configure

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

Note: Use the Command Lookup Tool (registered customers only) to find more information on the commands used in this document.

Network Diagram

This document uses this network setup:

Configurations

This document uses these configurations:

Router Configurations		

Router A	<pre>stun peer-name 1.0.0.1
	stun protocol-group 9 basic
	stun protocol-group 13 basic
	interface serial 0
	encapsulation stun
	stun group 9
	stun route all tcp 5.0.0.1
	
	interface serial 1
	encapsulation stun
	stun group 13
	stun route all tcp 5.0.0.1
	
	interface loopback 0
	ip address 1.0.0.1 255.255.255.0</pre>
		Router B : <pre>stun peer-name 5.0.0.1
		stun protocol-group 9 basic
		stun protocol-group 13 basic
		interface serial 0
		encapsulation stun
		stun group 9
		stun route all tcp 1.0.0.1
		
		interface serial 1
		encapsulation stun
		stun group 13
		stun route all tcp 1.0.0.1
		
		interface loopback 0
		ip address 5.0.0.1 255.255.255.0</pre>

Note: Clocking, although not shown in the diagram, needs to be supplied by the DCE. The easiest way to do this is to use a Cisco DCE cable at the router side and the **configure clockrate** command. For simplicity, IP routing and WAN configurations are not shown.

This configuration shows that there can be multiple tunnels within a single IP network. Note that the tunnels extend or replace pre-existing serial lines. There is a one-to-one correlation between the hardware and the tunnels in this example. For more details, refer to Configuring and Troubleshooting Serial Tunneling (STUN).

Verify

There is currently no verification procedure available for this configuration.

The Output Interpreter Tool (registered customers only) (OIT) supports certain **show** commands. Use the OIT to view an analysis of **show** command output.

Troubleshoot

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

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