

X.25 over ISDN Bi-Directional Call

Document ID: 12503

Introduction

Prerequisites

- Requirements

- Components Used

- Conventions

Background Information

Configure

- Network Diagram

- Configurations

Verify

Troubleshoot

NetPro Discussion Forums – Featured Conversations

Related Information

Introduction

This document provides a sample configuration for X.25 over ISDN bi-directional call.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

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

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Conventions

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

Background Information

Currently, Cisco IOS® Software enables circuit-switched X.25 clients, such as, Packet Assembler/Disassembler (PAD), X.25 switching, and Qualified Logical Link Control (QLLC), to initiate calls. It also enables them to dynamically bring the X.25 context (which runs the X.25 protocol) up or down as required. This capability allows packet-switched traffic over ISDN.

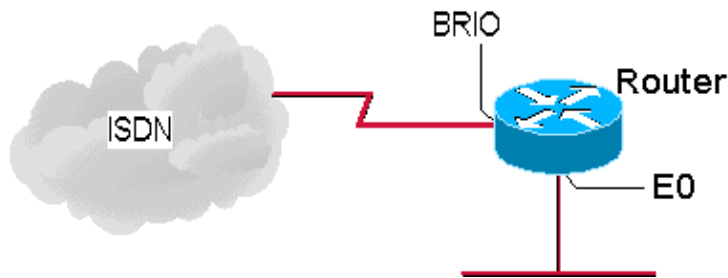
Configure

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 this network setup:



Configurations

This document uses these configurations:

- Router A
- Router B

Router A
<pre>! isdn switch-type basic-5ess ! ! interface BRI0 ip address 10.1.1.2 255.255.255.0 no ip mroute-cache encapsulation x25 dce no ip route-cache x25 address 123 x25 map ip 10.1.1.1 321 broadcast dialer map ip 10.1.1.1 name 1 broadcast 94591020 dialer map ip 10.1.1.1 name 1 broadcast 294591020 dialer-group 1 ! ! dialer-list 1 protocol ip permit</pre>

Router B
<pre>! ! isdn switch-type basic-5ess ! ! interface BRI1</pre>

```
ip address 10.1.1.1 255.255.255.0
encapsulation x25
no ip route-cache
no ip mroute-cache
x25 address 321
x25 map ip 10.1.1.2 123 broadcast
dialer map ip 10.1.1.2 name 1 broadcast 99101650
dialer map ip 10.1.1.2 name 1 broadcast 299101650
dialer-group 1
!
ip classless
!
dialer-list 1 protocol ip permit
```

Verify

There is currently no verification procedure available for this configuration.

Troubleshoot

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

NetPro Discussion Forums – Featured Conversations

Networking Professionals Connection is a forum for networking professionals to share questions, suggestions, and information about networking solutions, products, and technologies. The featured links are some of the most recent conversations available in this technology.

NetPro Discussion Forums – Featured Conversations for WAN

Network Infrastructure: WAN, Routing, and Switching

Related Information

- [Background X.25](#)
- [Integrated Services Digital Network](#)
- [Configuring X.25](#)
- [Configuring X.25 on ISDN](#)
- [Technical Support – Cisco Systems](#)

[Contacts & Feedback](#) | [Help](#) | [Site Map](#)

© 2008 – 2009 Cisco Systems, Inc. All rights reserved. [Terms & Conditions](#) | [Privacy Statement](#) | [Cookie Policy](#) | [Trademarks of Cisco Systems, Inc.](#)

Updated: Jun 01, 2005

Document ID: 12503
