

Configuring VINES over ISDN

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Introduction

Prerequisites

- Requirements

- Components Used

- Conventions

Configure

- Network Diagram

- Configurations

Verify

Troubleshoot

NetPro Discussion Forums – Featured Conversations

Related Information

Introduction

This document provides a sample configuration for the configuration of VINES over ISDN.

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.

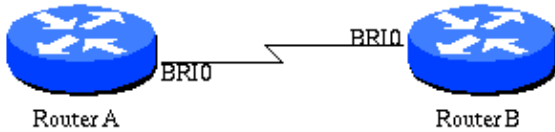
Configure

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 A
- Router B

Router A
<pre> hostname RouterA username RouterB password 7 A1B2C3D4E5F6G7 vines routing 301F0D2E:0001 vines srtp-enabled isdn switch-type basic-nil interface BRI0 ip address 144.81.79.2 255.255.255.0 encapsulation ppp vines metric 90 vines propagate dialer idle-timeout 240 dialer map vines 301F0D67:0001 name RouterB broadcast dialer map ip 144.81.79.1 name RouterB dialer load-threshold 1 dialer-group 1 isdn spid1 77886912345678 isdn spid2 78756754321234 ppp authentication chap dialer-list 1 protocol ip permit dialer-list 1 protocol vines permit </pre>

Router B
<pre> hostname RouterB username RouterA password 7 A1B2C3D4E5F6G7 vines routing 301F0D67:0001 vines srtp-enabled isdn switch-type basic-5ess interface BRI0 ip address 144.81.79.1 255.255.255.0 encapsulation ppp vines metric 90 vines propagate dialer idle-timeout 240 dialer wait-for-carrier-time 60 dialer map vines 301F0D2E:0001 name RouterA broadcast 18005551212 dialer map ip 144.81.79.2 name RouterA 18005551212 dialer-group 1 ppp authentication chap dialer-list 1 protocol ip permit dialer-list 1 protocol vines permit </pre>

Notes:

- This configuration allows VINES traffic to trigger a dial-out on the ISDN link.
- This keeps the link up indefinitely because broadcasts for VINES get sent every 90 seconds from all servers/routers on the net.
- Broadcasts are all FFFFs at Layer 2 and Layer 3.

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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Related Information

- **Technical Support & Documentation – Cisco Systems**

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