



NAT—Support of H.323 v2 Call Signalling (FastConnect)

This feature module describes the Cisco IOS Network Address Translation (NAT) support of H.323 version 2 (v2) call signalling including fast connect.

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Feature Overview

Cisco IOS NAT supports all H.225 and H.245 message types, including FastConnect and Alerting, as part of the H.323 v2 specification.

Previously, NAT only supported H.323 version 1 and that was specific only to the Microsoft NetMeeting application. With this enhancement, any product that makes use of these message types will be able to pass through a Cisco IOS NAT configuration without any static configuration.

One such product is the Cisco voice gateway. As of Cisco IOS software Release 12.1(1)T, support for H.323 v2 and the FastConnect message type has been implemented.



Note

Cisco IOS NAT currently does not support Registration Admission and Status (RAS), so voice gateway to voice gateway connectivity was tested without the use of RAS to resolve a destination.

Benefits

- Ability to use the Cisco voice gateway product through a Cisco IOS NAT configuration
- No static configuration is required within NAT for H.225/H.245 products
- Ability to perform IP address translation on traffic flowing between voice gateways, which could be from the following:
 - Networks with the same IP addressing schemes
 - A private address scheme connecting to the outside or public
 - Networks that want to hide their real IP addresses from the public

Related Documents

- *Cisco IOS IP and IP Routing Configuration Guide*, Release 12.1
- *Cisco IOS IP and IP Routing Command Reference*, Release 12.1

Supported Platforms

- Catalyst 2900
- Catalyst 2900XL
- Catalyst 4000 series
- Catalyst 5000 family switches with an installed Route Switch Module
- Catalyst 6000 series
- Catalyst 8500 series
- LightStream 1010 series
- Cisco 800 series
- Cisco 1000 series
- Cisco 1400 series
- Cisco 1600 series
- Cisco 1700 series
- Cisco 2500 series
- Cisco 2600 series
- Cisco 3600 series
- Cisco 4000 series
- Cisco AS5300 access server
- Cisco AS5400 universal access server
- Cisco AS5800 universal access server
- Cisco 6400 series
- Cisco 7000 series
- Cisco 8500 series
- Cisco 12000 series
- Cisco MC3810
- Cisco uBR900
- Cisco uBR7200

Supported Standards, MIBs, and RFCs

Standards

No new or modified standards are supported by this feature.

MIBs

No new or modified MIBs are supported by this feature.

To obtain lists of supported MIBs by platform and Cisco IOS release, and to download MIB modules, go to the Cisco MIB web site on Cisco Connection Online (CCO) at <http://www.cisco.com/public/sw-center/netmgmt/cmtk/mibs.shtml>.

RFCs

No new or modified RFCs are supported by this feature.

Configuration Tasks

None

Configuration Examples

None

Command Reference

None

