



SIP-to-SIP Supplementary Services for Session Border Controller

Last Updated: December 20, 2011

The SIP-to-SIP Supplementary Services for Session Border Controller (SBC) feature enhances terminating and re-originating signaling and media between VoIP and Video networks by supporting the following features:

- IP Address Hiding in all SIP messages including supplementary services
- Media
 - Media Flow Around
- Support on Cisco AS5350XM and Cisco AS5400XM platforms
- SIP-to-SIP Supplementary services using REFER/3xx method. The following features are enabled by default:
 - Message Waiting Indication
 - Call Waiting
 - Call Transfer (Blind, Consult, Alerting)
 - Call Forward (All, Busy, No Answer)
 - Distinctive Ringing
 - Call Hold/Resume
 - Music on Hold
- Hosted NAT Traversal for SIP
- [Finding Feature Information, page 1](#)
- [Prerequisites for SIP-to-SIP Supplementary Services for Session Border Controller, page 2](#)
- [How to Configure SIP-to-SIP Supplementary Services for Session Border Controller, page 2](#)
- [Feature Information for SIP-to-SIP Supplementary Services for Session Border Controller, page 2](#)

Finding Feature Information

Your software release may not support all the features documented in this module. For the latest feature information and caveats, see the release notes for your platform and software release. To find information about the features documented in this module, and to see a list of the releases in which each feature is supported, see the Feature Information Table at the end of this document.



Americas Headquarters:
Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

Use Cisco Feature Navigator to find information about platform support and Cisco software image support. To access Cisco Feature Navigator, go to www.cisco.com/go/cfn. An account on Cisco.com is not required.

Prerequisites for SIP-to-SIP Supplementary Services for Session Border Controller

Cisco Unified Border Element

- Cisco IOS Release 12.4(9)T or a later release must be installed and running on your Cisco Unified Border Element.

Cisco Unified Border Element (Enterprise)

- Cisco IOS XE Release 3.1.0S or a later release must be installed and running on your Cisco ASR 1000 Series Router.

How to Configure SIP-to-SIP Supplementary Services for Session Border Controller

To configure the SIP-to-SIP Supplementary Services for Session Border Controller feature, see the SIP-to-SIP Connections on a Cisco Unified Border Element chapter in the Cisco Unified Border Element Configuration Guide at the following URL: http://www.cisco.com/en/US/docs/ios/voice/cube/configuration/guide/vb-gw-sipsip_ps10592_TSD_Products_Configuration_Guide_Chapter.html

Feature Information for SIP-to-SIP Supplementary Services for Session Border Controller

The following table provides release information about the feature or features described in this module. This table lists only the software release that introduced support for a given feature in a given software release train. Unless noted otherwise, subsequent releases of that software release train also support that feature.

Use Cisco Feature Navigator to find information about platform support and Cisco software image support. To access Cisco Feature Navigator, go to www.cisco.com/go/cfn. An account on Cisco.com is not required.

Feature History Table entry for the Cisco Unified Border Element.

Table 1 *Feature Information for Configuring SIP-SIP Supplementary Features*

| Feature Name | Releases | Feature Information |
|---|-----------|---|
| SIP-to-SIP Supplementary Services for Session Border Controller | 12.4(9)T, | The SIP-to-SIP Supplementary Services for Session Border Controller feature enhances terminating and re-originating signaling and media between VoIP and Video networks This feature uses no new or modified commands. |

Feature History Table entry for the Cisco Unified Border Element (Enterprise).

Table 2 *Feature Information for Configuring SIP-SIP Supplementary Features*

| Feature Name | Releases | Feature Information |
|---|---------------------------|---|
| SIP-to-SIP Supplementary Services for Session Border Controller | Cisco IOS XE Release 3.1S | The SIP-to-SIP Supplementary Services for Session Border Controller feature enhances terminating and re-originating signaling and media between VoIP and Video networks This feature uses no new or modified commands. |

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)

Any Internet Protocol (IP) addresses and phone numbers used in this document are not intended to be actual addresses and phone numbers. Any examples, command display output, network topology diagrams, and other figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses or phone numbers in illustrative content is unintentional and coincidental.

© 2011 Cisco Systems, Inc. All rights reserved.