



## Cisco IOS Fax Services over IP Roadmap

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This guide collects together in one place information about Cisco IOS fax services over IP. It contains the following:

- [Platforms and Cisco IOS Software Images, page 9](#)
- [Cisco IOS Fax Services over IP Feature List, page 9](#)



### Note

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This guide chapter describes how to access Cisco Feature Navigator. It also lists and describes, by Cisco IOS release, Cisco IOS fax services over IP for that release.

For information about the full set of Cisco IOS voice features, see the entire Cisco IOS Voice Configuration Library—including library preface, glossary, and other documents—at [http://www.cisco.com/en/US/products/ps6441/prod\\_configuration\\_guide09186a0080565f8a.html](http://www.cisco.com/en/US/products/ps6441/prod_configuration_guide09186a0080565f8a.html).

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## Platforms and Cisco IOS Software Images

Use Cisco Feature Navigator to find information about platform support and Cisco IOS software image support. Access Cisco Feature Navigator at <http://www.cisco.com/go/fn>. You must have an account on Cisco.com. If you do not have an account or have forgotten your username or password, click **Cancel** at the login dialog box and follow the instructions that appear.

## Cisco IOS Fax Services over IP Feature List

[Table 1](#) lists Cisco IOS fax-services-over-IP features by Cisco IOS release. Features that are introduced in a particular release are available in that and subsequent releases.

Table 1 Cisco IOS Fax Services over IP Features by Cisco IOS Release

Release	Features Introduced in That Release <sup>1</sup>	Feature Description	Feature Documentation
12.2(13)T	SIP and H.323 Fax Enhancements Includes the following: <ul style="list-style-type: none"> <li>• SIP and H.323 Fax Pass-Through</li> <li>• SIP and H.323 T.38 Fax Relay Fallback Protocols</li> <li>• SIP and H.323 Support of Resource Reservation Protocol</li> <li>• H.323 Support of Call Admission Control</li> <li>• H.323 and SIP NSE Support for T.38 Fax Relay</li> <li>• H.323 and SIP T.38 Fax Relay with Cisco MGCP Gateways</li> </ul>	Adds an assortment of fax-transfer enhancements to the Cisco IOS gateway implementations of H.323 and SIP call-control protocols.	<a href="#">Chapter 2, “Configuring Fax Pass-Through”</a> and <a href="#">Chapter 3, “Configuring Cisco Fax Relay”</a> of this guide
	SIP T.38 Fax Relay	Standardizes the implementation of T.38 over SIP IP networks. T.38 supports the transmission of faxes, in real time, between two standard Group 3 fax terminals communicating over H.323 IP networks.	<a href="#">Chapter 4, “Configuring T.38 Fax Relay”</a> of this guide
	T.38 Fax Relay for VoIP H.323	Provides standards-based fax-relay protocol support that enables Cisco gateways and gatekeepers to interoperate with third-party T.38-enabled gateways and gatekeepers in a mixed-vendor network where real-time Fax Relay capabilities are required.	<a href="#">Chapter 4, “Configuring T.38 Fax Relay”</a> of this guide
12.2(8)T	Fax Detection (Single-Number Voice and Fax)	Provides a single-number voice/fax capability by detecting CNG tone.	<a href="#">Chapter 6, “Configuring Fax Detection”</a> of this guide
	MGCP Based Fax (T.38) and DTMF Relay	Provides a standardized method of supporting reliable fax transmission in an MGCP network.	<a href="#">Chapter 4, “Configuring T.38 Fax Relay”</a> of this guide
12.1(5)T	SIP T.37 and Cisco Fax	Adds support for T.37 and Cisco fax with SIP.	<a href="#">Chapter 5, “Configuring T.37 Store-and-Forward Fax”</a> of this guide
	T.37 Store and Forward Fax	Supports provision of a single number for subscriber voice-mail and fax access; also supports real-time fax fallback to store-and-forward fax.	<a href="#">Chapter 5, “Configuring T.37 Store-and-Forward Fax”</a> of this guide
12.1(3)T	Fax Relay Packet Loss Concealment	Enhances fax-relay robustness over a VoIP network.	<a href="#">Chapter 4, “Configuring T.38 Fax Relay”</a> of this guide

**Table 1** Cisco IOS Fax Services over IP Features by Cisco IOS Release (continued)

Release	Features Introduced in That Release <sup>1</sup>	Feature Description	Feature Documentation
12.1(3)X1	T.37/T.38 Fax Gateway	Supports T.38 fax relay and T.37 fax store-and-forward using a voice-feature card.	<a href="#">Chapter 4, “Configuring T.38 Fax Relay”</a> and <a href="#">Chapter 5, “Configuring T.37 Store-and-Forward Fax”</a> of this guide
12.0(7)T	Extended Simple Mail Transfer Protocol (ESMTP) Accounting in Store and Forward Fax	Enables collection of accounting information about fax services as part of an SMTP session.	<a href="#">Chapter 5, “Configuring T.37 Store-and-Forward Fax”</a> of this guide

1. Features that are introduced in a particular release are available in that and subsequent releases.

