



# Overview of Cisco Unified SIP Proxy Release 8.5 Installation

---

**Last updated: December 6, 2016**

This guide describes the set of Cisco Unified SIP Proxy command-line interface (CLI) commands and graphical user interface (GUI) options for installing and upgrading the Cisco Unified SIP Proxy software.

Use this guide to install the Cisco Unified SIP Proxy software. This guide does not provide information on how to install Cisco routers or Cisco network modules.

For late-breaking information about this version of Cisco Unified SIP Proxy, see the [Release Notes for Cisco Unified SIP Proxy Release 8.5](#).

This chapter contains the following sections:

- [Overview of Installing Cisco Unified SIP Proxy Release 8.5, page 1](#)
- [Supported Modules, page 2](#)
- [Licensing System, page 2](#)
- [Open Source Licensing, page 2](#)
- [Platforms and Cisco IOS Software Images, page 2](#)
- [Installation Steps, page 2](#)
- [Obtaining Documentation and Submitting a Service Request, page 3](#)
- [Technical Assistance, page 4](#)

## Overview of Installing Cisco Unified SIP Proxy Release 8.5

Cisco Unified SIP Proxy is a high-performance, highly available Session Initiation Protocol (SIP) server for centralized routing and SIP signaling normalization. Release 8.5 introduces two new hardware platforms on which Cisco Unified SIP Proxy can be installed. You can install Cisco Unified SIP Proxy on the Enhanced Network Module (NME) for the ISR family (3800 series) or on a Service Module for the SRE family (2900 and 3900 series).

You can install Cisco Unified SIP Proxy Release 8.5 as a new customer or you can migrate to Release 8.5 as an existing customer who is moving from Cisco Unified SIP Proxy Release 1.x to Release 8.5. We do not support upgrading your software from an earlier release of Cisco Unified SIP Proxy. If you have an earlier release of Cisco Unified SIP Proxy and want to move to Release 8.5, you must completely install the new software for Release 8.5.

**Caution**

If you are migrating your system from Release 1.x, you must use the boot helper for installation. See [Migrating from Cisco Unified SIP Proxy Release 1.x to Release 8.5](#) for details. If you do not use the boot helper, your installation will fail.

## Supported Modules

Older releases of Cisco Unified SIP Proxy supported the NME-CUSP-522-K9 module only. Cisco Unified SIP Proxy Release 8.5 adds support for the SM-SRE-700-K9 and the SM-SRE-900-K9 Service Ready Engine (SRE) modules. These service modules are supported only on the Cisco 2900 Series and Cisco 3900 Series routers. For more information about the specifications for these modules as they relate to Cisco Unified SIP Proxy, see the [Release Notes for Cisco Unified SIP Proxy Release 8.5](#). For more information about these modules in general, see the [Cisco SRE Service Module Configuration and Installation Guide](#).

The Cisco Unified SIP Proxy application software is normally pre-installed on the module at the factory. However, there may be cases where the software may need to be re-installed. For more information, see [Installing Cisco Unified SIP Proxy Release 8.5](#), page 9.

## Licensing System

Cisco Unified SIP Proxy Release 8.5 supports the Cisco Software Licensing (CSL) system. CSL licensing is explained further in [“Installing the Cisco Unified SIP Proxy Release 8.5 Software Licenses”](#).

## Open Source Licensing

Some components of the software created for Cisco Unified SIP Proxy Release 8.5 are provided through open source or commercial licensing. These components and the associated copyright statements can be found at [http://www.cisco.com/en/US/products/ps10475/products\\_licensing\\_information\\_listing.html](http://www.cisco.com/en/US/products/ps10475/products_licensing_information_listing.html).

## Platforms and Cisco IOS Software Images

The Cisco Unified SIP Proxy software uses a set of commands that are similar in structure to Cisco IOS software commands. However, Cisco Unified SIP Proxy commands do not affect the Cisco IOS configuration.

Cisco Unified SIP Proxy hardware modules and platforms use the Cisco IOS commands for their operation. See the [Release Notes for Cisco Unified SIP Proxy Release 8.5](#) for detailed information about the supported Cisco Unified SIP Proxy software images and hardware platforms.

## Installation Steps

To perform a new installation of Cisco Unified SIP Proxy Release 8.5, follow the steps in [Table 1](#).



Note

For information about migrating to Release 8.5, see [Migrating from Cisco Unified SIP Proxy Release 1.x to Release 8.5](#).

**Table 1**      *Installation Steps*

Task	For more information, see
Physically install the module. The Cisco Unified SIP Proxy Release 8.5 software can be installed on any of the following: <ul style="list-style-type: none"> <li>NME for the ISR family (Cisco 3800 series)</li> <li>Service Module for the SRE family (Cisco 2900 and 3900 series)</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">Cisco 3800 Series Hardware Installation</a></li> <li><a href="#">Cisco 3900 Series and Cisco 2900 Series Hardware Installation Guide</a></li> </ul>
Review the restrictions and perform the prerequisites.	<ul style="list-style-type: none"> <li><a href="#">Restrictions for Installing Cisco Unified SIP Proxy Release 8.5, page 10</a></li> <li><a href="#">Prerequisites for Installing Cisco Unified SIP Proxy Release 8.5, page 11</a></li> </ul>
Configure the ISR.	<a href="#">Loading the Correct IOS Image on the ISR, page 11</a>
Activate the IP connectivity to Cisco Unified SIP Proxy.	<a href="#">Activating IP Connectivity to Cisco Unified SIP Proxy, page 12</a>
Open a session into Cisco Unified SIP Proxy.	<a href="#">Opening and Closing a Session with the Module, page 15</a>
Download and install the Cisco Unified SIP Proxy software. <sup>1</sup>	<ul style="list-style-type: none"> <li>For systems without a Release 1.x image on it: <a href="#">How to Download and Install the Software, page 18</a></li> <li>For systems with a Release 1.x image on it: <a href="#">Migrating from Cisco Unified SIP Proxy Release 1.x to Release 8.5</a></li> </ul>
Run the postinstallation tool.	<a href="#">Using the Postinstallation Configuration Tool, page 24</a>
Install the licenses.	<a href="#">Installing the Cisco Unified SIP Proxy Release 8.5 Software Licenses, page 29</a>

1. When you order Cisco Unified SIP Proxy Release 8.5, the software is installed on the module at the factory.

## Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS Version 2.0.

# Technical Assistance

Description	Link
<p>The Cisco Support website provides extensive online resources, including documentation and tools for troubleshooting and resolving technical issues with Cisco products and technologies.</p> <p>To receive security and technical information about your products, you can subscribe to various services, such as the Product Alert Tool (accessed from Field Notices), the Cisco Technical Services Newsletter, and RSS Feeds.</p> <p>Access to most tools on the Cisco Support website requires a Cisco.com username and password.</p>	<p><a href="http://www.cisco.com/techsupport">http://www.cisco.com/techsupport</a></p>
<p>Cisco Feature Navigator website</p>	<p><a href="http://www.cisco.com/go/cfn">http://www.cisco.com/go/cfn</a></p> <p>Use Cisco Feature Navigator to find information about platform support and Cisco IOS and Catalyst OS software image support. An account on Cisco.com is not required.</p>