



# Patch Upgrade

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## About Patch Upgrade

You can install a patch file that is downloaded from [cisco.com](http://www.cisco.com) on the existing Cisco Unified SIP Proxy release software. Installing the patch file helps you upgrade to a newer patch version of the Cisco Unified SIP Proxy without any modifications to your existing virtual machine.

## Downloading the Patch File

- Step 1** Open the Cisco Unified SIP Proxy Server site:  
<http://www.cisco.com/c/en/us/support/unified-communications/unified-sip-proxy-software/tsd-product-s-support-series-home.html>
- Step 2** If prompted, login using your Cisco.com username and password.
- Step 3** Locate the patch file in the “Download Software” section and download the file.
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## Configuring Patch Upgrade

### Summary Steps

1. `configure terminal`
2. `software download url <url> username <username> password <password>`

## Detailed Steps

	Command or Action	Purpose
Step 1	<code>configure terminal</code>  <b>Example:</b> <code>se-10-1-0-0# configure terminal</code>	Enables privileged EXEC mode.
Step 2	<code>software download url &lt;url&gt; username &lt;username&gt;</code> <code>password &lt;password&gt;</code>  <b>Example:</b> <code>se-10-1-0-0(config)# software download url</code> <code>sftp://10.64.86.60/test/ username myuid password</code> <code>mypwd</code>	Specifies the SFTP url, username, and password where the patch file is stored.  SFTP server URL should be the absolute path to the directory containing the patch. For example: <i>sftp://&lt;hostname&gt;/full/path/from/root/to/patch_directory</i>

## Installing the Patch File

### Summary Steps

1. offline
2. software upgrade
3. continue
4. show software version

## Detailed Steps

	Command or Action	Purpose
Step 1	<p><b>offline</b></p> <p><b>Example:</b>  <pre>se-10-1-0-0# offline !!!WARNING!!!: Putting the system offline will terminate all active calls. Do you wish to continue[n]? : y</pre></p>	<p>Enters offline mode. All calls are terminated.</p> <p><b>Note</b> Cisco Unified SIP Proxy still routes calls in offline mode. However, calls may get impacted depending upon the nature of the patch being installed.</p>
Step 2	<p><b>software upgrade</b></p> <p><b>Example:</b>  <pre>se-10-1-0-0# offline !!!WARNING!!!: If you are going offline to do a backup, it is recommended that you save the current running configuration using the 'write' command, prior to going to the offline state.  Putting the system offline will disable management interfaces.  Are you sure you want to go offline?[confirm] se-10-1-0-0(offline)# software upgrade Source filename: vCUSP_10.2.0_v1.cop.sha512 File download completed Authenticating patch file... Patch file authenticated. Taking backup before upgrade... Backup completed Proceeding with patch installation.. Do you wish to continue?[confirm]y Please wait while the patch is being installed... Status: ##### Patch installation is successful. Use 'continue' to bring the system back online se-10-1-0-0(offline)#</pre></p>	<p>Begins the upgrade process. The system takes backup of configuration and data as part of the upgrade process.</p>
Step 3	<p><b>continue</b></p> <p><b>Example:</b>  <pre>se-10-1-0-0(offline)# continue</pre></p>	<p>Exits offline mode and returns the system to the previous online mode. The system begins processing new calls and voice messages.</p>
Step 4	<p><b>show software versions</b></p> <pre>se-10-50-10-125&gt; show software versions Cisco Unified SIP Proxy version (10.2.0v1) Technical Support: http://www.cisco.com/techsupport Copyright (c) 2018-2020 by Cisco Systems, Inc.</pre>	<p>Displays the current version of the configured software. Verify if you are on the latest patch release version.</p>

