



Cisco Smart Licensing Utility Quick Start Setup Guide

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General Information

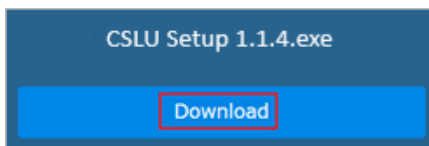
Cisco Smart License Utility Manager (CSLU) is a Windows-based solution that enables customers to manage devices from their premises instead of having to directly connect their Smart Licensed enabled product instances to Cisco Smart Software Manager hosted on cisco.com.

CSLU Setup – Windows

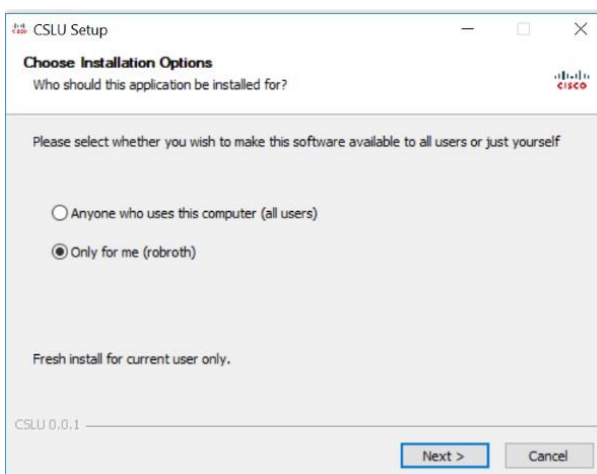
See the following subsections to perform the CSLU installation/uninstallation for Windows.

Installing

1. Obtain the URL where the *CSLU Setup 1.1.5.exe* file resides. Once you have located and opened the *Setup.exe* file, click the **Download** button:



2. The **Choose Installation Options** wizard screen opens:

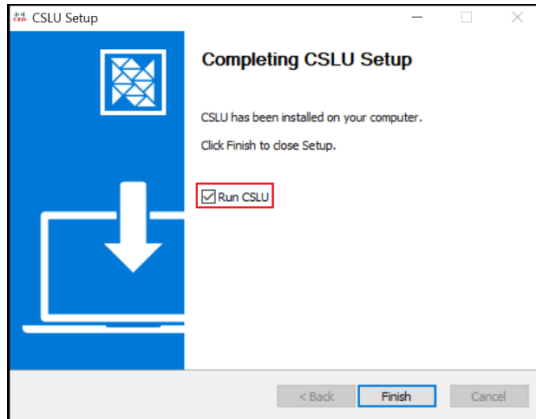


Select either:

- **Anyone who uses the computer (all users)**
Select this option if there are multiple users on this machine where all users have permission to use this application.
- **Only for me (user name)**
Select this option if there are multiple users on this machine, but **only you** will have permission to use this application.

3. Click **Next**. The **Choose Install Location** screen opens.
4. Select the **directory** that will contain the CSLU files. The correct path for **Only for me** option uses a path similar to this one:
`C:\Users\<username>\AppData\Local\Programs\CSLU`

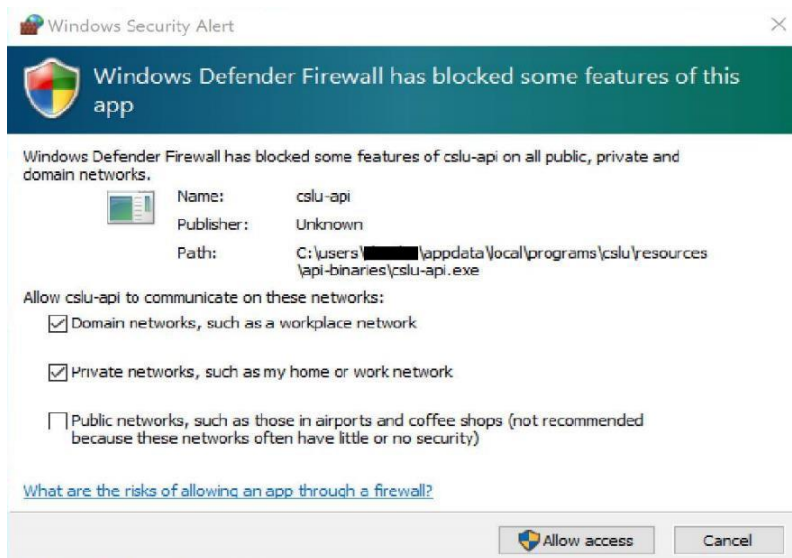
5. After you have chosen the Destination Folder, click **Install**. The installation process begins.
6. When the installation process finishes, you can select **Run CSLU**, which will open CSLU immediately, or finish the installation process without opening the application.



7. Click **Finish**. This installation is now complete. The CSLU application's main screen opens with a Cisco login modal. At this step you can either:
 - Log into Cisco using your COO.
 - Click the **x** in the upper right corner to close the modal and begin working in CSLU without being connected to Cisco.

First Steps

After you have installed the CSLU application and when you first open it, one of the following modals open:





NOTE:

```
Removed:
CSLU-1.1.5-190.x86_64
Complete!
[adaljit@localhost ~]$
```

[Appendix 1: CSLU Firewall](#) Settings for more details on firewall settings.

After you have configured your firewall settings, you will need to perform the following steps to receive usage reports:

- Create Product Instances
- Log into CSSM

For detailed instructions on configuring and using CSLU, see the *CSLU User Guide*.

Uninstalling

CSLU is a Windows-based application and therefore can be uninstalled like any other Windows application. Complete these steps to uninstall the CSLU application:

1. Close CSLU by selecting **CSLU > Quit**.
2. From your desktop, open the Windows **Control Panel**.
3. Select **Programs > Uninstall a program**.
4. Scroll down and select **CSLU**.
5. Right-click on the application and select **Uninstall**.
6. When the Uninstall Wizard opens, click **Next**. The uninstall process begins.

7. You are prompted to delete CSLU data. Select the appropriate option.



NOTE: You are prompted whether to keep your CSLU data or not. If you choose **No**, please bear in mind that all your data will be deleted!

8. After the installation process is completed, click **Finish** to exit the wizard.

CSLU Setup – Debian

See the following subsections to perform the CSLU installation/uninstallation for Debian (Ubuntu 20.04).

Installing

Use the **sudo dpkg -i** command to unpack and set up the CSLU application from the *CSLU_1.1.5_amd64.deb* file, as per this example:

```
daljit@daljit-VirtualBox:~$ sudo dpkg -i CSLU_1.1.5_amd64.deb
Selecting previously unselected package cslu.
(Reading database ... 199565 files and directories currently installed.)
Preparing to unpack CSLU_1.1.5_amd64.deb ...
Unpacking cslu (1.1.5-190) ...
Setting up cslu (1.1.5-190) ...
Processing triggers for hicolor-icon-theme (0.17-2) ...
Processing triggers for gnome-menus (3.36.0-1ubuntu1) ...
Processing triggers for desktop-file-utils (0.24-1ubuntu3) ...
Processing triggers for mime-support (3.64ubuntu1) ...
daljit@daljit-VirtualBox:~$
```

Uninstalling

Use the **sudo dpkg -r** command to uninstall the CSLU application, as per this example:

```
daljit@daljit-VirtualBox:~$ sudo dpkg -r CSLU
[sudo] password for daljit:
(Reading database ... 199650 files and directories currently installed.)
Removing cslu (1.1.5-190) ...
-----
Deleting CSLU data on Uninstall
-----
Processing triggers for gnome-menus (3.36.0-1ubuntu1) ...
Processing triggers for desktop-file-utils (0.24-1ubuntu3) ...
Processing triggers for mime-support (3.64ubuntu1) ...
Processing triggers for hicolor-icon-theme (0.17-2) ...
daljit@daljit-VirtualBox:~$
```


CSLU Setup – Red Hat

See the following subsections to perform the CSLU installation/uninstallation for Red Hat (CentOS 8).

Installing

Use the ***sudo yum install*** command to unpack and set up the CSLU application from the *CSLU-1.1.5.x86_64.rpm* file, as per this example:

```

daljit@localhost:~
File Edit View Search Terminal Help
[daljit@localhost ~]$ sudo yum install CSLU-1.1.5.x86_64.rpm
Last metadata expiration check: 1:41:42 ago on Wed 06 Oct 2021 04:09:44 PM IST.
Dependencies resolved.
=====
Package                Architecture      Version           Repository        Size
=====
Installing:
CSLU                    x86_64            1.1.5-190        @commandline      72 M
=====
Transaction Summary
=====
Install 1 Package

Total size: 72 M
Installed size: 454 M
Is this ok [y/N]: y
Downloading Packages:
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing      :                                1/1
  Installing     : CSLU-1.1.5-190.x86_64         1/1
  Running scriptlet: CSLU-1.1.5-190.x86_64       1/1
  Verifying      : CSLU-1.1.5-190.x86_64         1/1
Installed products updated.

Installed:
  CSLU-1.1.5-190.x86_64

Complete!
[daljit@localhost ~]$

```

Uninstalling

Use the ***sudo yum remove*** command to uninstall the CSLU application, as per this example:

```

daljit@localhost:~
File Edit View Search Terminal Help
[daljit@localhost ~]$ sudo yum remove CSLU
[sudo] password for daljit:
Dependencies resolved.
=====
Package                Architecture      Version           Repository        Size
=====
Removing:
CSLU                    x86_64            1.1.5-190        @commandline      454 M
=====
Transaction Summary
=====
Remove 1 Package

Freed space: 454 M
Is this ok [y/N]: y
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing      :                                1/1
  Erasing        : CSLU-1.1.5-190.x86_64         1/1
  Running scriptlet: CSLU-1.1.5-190.x86_64       1/1
-----
Deleting CSLU data on Uninstall
-----
  Verifying      : CSLU-1.1.5-190.x86_64         1/1
Installed products updated.

Removed:
  CSLU-1.1.5-190.x86_64

Complete!
[daljit@localhost ~]$

```

Appendix 1: CSLU Firewall Settings

When the CSLU application first runs, Windows 10 prompts you for your firewall settings. Please refer to this table for firewall settings.

CSLU-Connect Mode	CSLU – API Firewall (Backend Server)	CSLU Firewall (UI Client)	Comments
CSLU-Initiated: REST API RESTCONF NETCONF	Select Cancel	Select Cancel	In the CSLU-initiated mode, the CSLU will never receive requests from external hosts, therefore, the CSLU firewall ports can be blocked.
Product Instance Initiated Only	Select Allow Access	Select Cancel	In this mode, the CSLU will receive reports and request from the Product Instances, and therefore the CSLU-API firewall needs to be in the Allow Access state. NOTE: The CSLU firewall is for the UI and the UI does not receive requests from an external host.
Both CSLU-Initiated and Product Instance Initiated	Select Allow Access	Select Cancel	See: Product Instance initiated note in the Product Instance Initiated only Mode.