

# Install Moonshot Libraries on a Debian 9 Client

On this page you will find instructions on how to install the Moonshot Libraries a Debian 9 (Stretch) device to enable its use as a Moonshot Client.

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## Assumptions & Prerequisites

This guide assumes you have root access to the Linux device. This is required as new software needs to be installed system-wide.

## 1. System Preparation

First, there are a few Debian configuration options that need to be set in advance.

### 1.1. Add the Moonshot Repository

1. Add the Moonshot Debian Stretch repository to your system. To do this, run the following command (as root, or using sudo):

```
$ echo "deb http://repository.project-moonshot.org/debian-moonshot stretch main" > /etc/apt/sources.list.d/moonshot.list
```

2. Install the Moonshot GPG key:

```
$ wget -O - http://repository.project-moonshot.org/key.gpg | apt-key add -
```

3. Update the apt cache with the new repository information:

```
$ apt-get update
```

## 2. Install the Moonshot Client libraries

We're now ready to install the Moonshot software and its required dependencies. Install the software by running the following command:

```
$ apt-get install moonshot-gss-eap moonshot-ui
```

## 3. Next steps

At this point, you now have all of the required Moonshot software on your device, including the [Moonshot Identity Selector](#). Depending on what client application you are using and wish to enable Moonshot authentication for, your job may now be done, or you may need to go and install a Moonshot compatible version of the client software or configure your existing client. Check [the section on client compatibility](#) if you are unsure.