

Install Moonshot Libraries on a Debian/Ubuntu/Raspbian Client

On this page you will find instructions on how to install the Moonshot Libraries a Debian/Ubuntu/Raspbian device to enable its use as a Moonshot Client.

Contents

- [1. System Preparation](#)
 - [1.1. Add the Moonshot Repository](#)
- [2. Install the Moonshot Client libraries](#)
- [3. Next steps](#)



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

1.1. Add the Moonshot Repository



Supported versions

At the moment, we support Debian/Raspbian (8, 9, and 10) and Ubuntu (16.04 and 18.04).

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

Debian 8

```
wget https://repository.project-moonshot.org/debian-moonshot/moonshot-repository.debian8.deb
dpkg -i moonshot-repository.debian8.deb
```

Debian 9

```
wget https://repository.project-moonshot.org/debian-moonshot/moonshot-repository.debian9.deb
dpkg -i moonshot-repository.debian9.deb
```

Debian 10

```
wget https://repository.project-moonshot.org/debian-moonshot/moonshot-repository.debian10.deb
dpkg -i moonshot-repository.debian10.deb
```

Raspbian 8

```
wget https://repository.project-moonshot.org/raspbian/moonshot-repository.raspbian8.deb
dpkg -i moonshot-repository.raspbian8.deb
```

Raspbian 9

```
wget https://repository.project-moonshot.org/raspbian/moonshot-repository.raspbian9.deb
dpkg -i moonshot-repository.raspbian9.deb
```

Raspbian 10

```
wget https://repository.project-moonshot.org/raspbian/moonshot-repository.raspbian10.deb  
dpkg -i moonshot-repository.raspbian10.deb
```

Ubuntu 16.04

```
wget https://repository.project-moonshot.org/debian-moonshot/moonshot-repository.ubuntu16.deb  
dpkg -i moonshot-repository.ubuntu16.deb
```

Ubuntu 18.04

```
wget https://repository.project-moonshot.org/debian-moonshot/moonshot-repository.ubuntu18.deb  
dpkg -i moonshot-repository.ubuntu18.deb
```

This installs the apt repository, the current Moonshot GPG key, and a package that can update both. This is the preferred method of deploying repository information.



Verifying the Moonshot GPG key

If you wish to verify the Moonshot GPG key's validity and integrity, please see the [Packaging GPG Key](#) for further details.

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
```

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.