

Install Moonshot Libraries on an Ubuntu 12.04 LTS Client



Page obsolete

This page is obsolete. Please, refer to [Install Moonshot Libraries on a Debian/Ubuntu/Raspbian Client](#) instead.

On this page you will find instructions on how to install the Moonshot Libraries on an Ubuntu 12.04 LTS (Precise Pangolin) 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 Ubuntu configuration options that need to be set in advance.

1.1. Add the Moonshot Repository

1. Add the Moonshot Debian Wheezy 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 wheezy 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
```

1.2. Install updated font-config packages

Ubuntu 12.04 LTS ships with versions of fontconfig-config and libfontconfig that are a little too old for Moonshot. We need to update these packages with newer versions.

1. Download the following two packages:

fontconfig-config:

- i. (64 or 32 bit) http://launchpadlibrarian.net/113189380/fontconfig-config_2.10.1-0ubuntu3_all.deb

libfontconfig1:

- i. (64 bit) http://launchpadlibrarian.net/113189449/libfontconfig1_2.10.1-0ubuntu3_amd64.deb
- ii. (32 bit) http://launchpadlibrarian.net/113189381/libfontconfig1_2.10.1-0ubuntu3_i386.deb

2. Install them:

```
$ dpkg -i fontconfig-config_2.10.1-0ubuntu3_all.deb libfontconfig1_2.10.1-0ubuntu3_*.deb
```

1.3. Moonshot GSS Mechanisms

Create a new file at `/usr/etc/gss/mech` (you will likely need to create the `/usr/etc/gss` directory) with the following content:

```
#
# Sample mechanism glue configuration for EAP GSS mechanism.
#
# Any encryption type supported by Kerberos can be defined as the
# last element of the OID arc.
#
eap-aes128    1.3.6.1.5.5.15.1.1.17    mech_eap.so
eap-aes256   1.3.6.1.5.5.15.1.1.18    mech_eap.so
```

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.