

Install Moonshot Libraries on a RHEL/CentOS/SL 7 Client

On this page you will find instructions on how to install the Moonshot Libraries on a RHEL 7 / CentOS 7 / Scientific Linux 7 device to enable its use as a Moonshot client.

Contents

- 1. System Preparation
 - 1.1. Turn off SELinux
 - 1.2. Add the required repositories
- 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. Turn off SELinux

There are currently no SELinux policies for Moonshot, and SELinux must be run in Permissive mode.



For CentOS SELinux information please refer to the CentOS documentation: https://www.centos.org/docs/5/html/5.2/Deployment_Guide/sec-sel-enable-disable.html

1.2. Add the required repositories

Moonshot requires three `yum` repositories to be added to the system - [EPEL](#) and the Shibboleth repositories (home of some required dependencies), and the Moonshot repository itself.

1. Install EPEL by running the following command:

```
$ yum install epel-release
```



Depending on your platform, the `epel-release` package is part of one of the optional repositories. On CentOS, it is part of the Extras repository. On RHEL, you must enable both the Optional and Extras repositories. For more information, visit the [EPEL homepage](#).

2. Install the official Shibboleth repository:

```
$ wget -O /etc/yum.repos.d/shibboleth.repo http://download.opensuse.org/repositories/security://shibboleth/CentOS_7/security:shibboleth.repo
```

3. Install the Moonshot repository by creating a new file at `/etc/yum.repos.d/moonshot.repo` with the following content:

```
[Moonshot]
name=Moonshot
baseurl=http://repository.project-moonshot.org/rpms/centos7/
failovermethod=priority
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/Moonshot
```

4. Install the Moonshot GPG key:

```
$ wget -O /etc/pki/rpm-gpg/Moonshot http://repository.project-moonshot.org/rpms/centos7/moonshot.key
```

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:

```
$ yum 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.