

OpenSSH_Server_on_Debian_8

OpenSSH Server on Debian 8

Debian 8 does not ship with a version of OpenSSH that is compatible with Moonshot. To get Moonshot support for it, you must install a specific Moonshot-enabled version. The following instructions will guide you through the package building process.

All of the instructions below assume that you have root access, and will work as the root user (either directly or using sudo).

The instructions on this page will replace the system provided OpenSSH packages with the Moonshot enabled ones (don't worry, standard SSH things will still work!)

Following the instructions on this page will give you a Moonshot-enabled OpenSSH Server only.

System Preparation

Add the Moonshot libraries.

If you have not already done so, you first need to follow the instructions on [how to install the Moonshot Libraries on Debian 7](#).

Prepare the building environment

Install the required packages.

```
apt-get install build-essential dpkg-dev fakeroot gnupg lintian patch patchutils strace unzip pbuilder debian-  
builder quilt \  
automake autoconf debhelper dh-make
```

```
apt-get source openssh
cd openssh-6.7p1
apt-get build-dep openssh
```

Building Instructions

Download the gssapi-generic.patch, then build the packages.

```
cd openssh-6.7p1
cp /tmp/gssapi-generic.patch debian/patches
echo "gssapi-generic.patch" >> debian/patches/series
debuild -us -uc
```

Installing Instructions

The new packages can be installed with dpkg.

```
dpkg -i ../openssh-server_6.7p1-X_<arch>.deb
```

Configuration Instructions

Once installed, the Moonshot-enabled OpenSSH server will still need a few quick tweaks in order to turn on the Moonshot support.

- Configure the OpenSSH server to use Moonshot by editing `/etc/ssh/sshd_config`. Check the following lines are present and uncommented:

```
GSSAPIAuthentication yes
GSSAPIKeyExchange yes
GSSAPIStrictAcceptorCheck yes
```

- Now restart the OpenSSH server

```
systemctl restart ssh
```

- Configure the [OpenSSH Client](#).

