OpenSSH Server on Ubuntu 14.04 LTS

Ubuntu 14.04 LTS (Trusty Tahr) 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 OpenSSH Client how to install the Moonshot Libraries on Ubuntu 14.04 LTS.

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-6.6p1
```

```
apt-get build-dep openssh
```

Building and Installing Instructions

Download the gssapi-generic.patch, then build the packages. cd openssh-6.6p1 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_6.6p1-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

  ```
  service ssh restart
  ```

- Configure the OpenSSH Client.

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