Installation of Java 8 (Ubuntu 14.04 LTS)

Note: Nexus Repository Manager requires a Java 8 Runtime Environment (JRE)

Verify that Java is installed & version is 1.8.x

```
vagrant@agentansible: ~
vagrant@agentansible:~$ java -version
java version "1.8.0_131"
Java(TM) SE Runtime Environment (build 1.8.0_131-b11)
Java HotSpot(TM) 64-Bit Server VM (build 25.131-b11, mixed mode)
```

Step 1)

Add the WebUpd8 Team Personal Package Archive (PPA)

sudo apt-add-repository ppa:webupd8team/java

Step 2)

Update packages

sudo apt-get update

Step 3)
Install Oracle Java 8 with the PPA installer

sudo apt-get install oracle-java8-installer

Installation of Nexus

Step 1)

Note: In order to install the open source version of Nexus you need to visit Nexus OSS and download the TGZ version or the ZIP version.
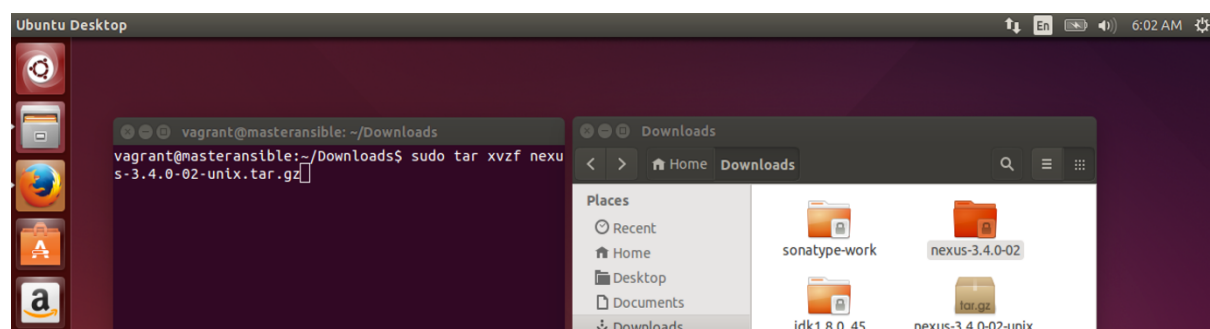
Currently the latest version is 3.4.0-02-unix.

http://www.sonatype.org/nexus/go/

Step 2)

Extract the archive

sudo tar xvzf nexus-3.4.0-02-unix.tar.gz

Step 3)

```
vagrant@agentansible: ~/Downloads/nexus-3.4.0-02/bin
vagrant@agentansible:~/Downloads/nexus-3.4.0-02/bin$ ls
contrib  nexus  nexus.rc  nexus.vmoptions
vagrant@agentansible:~/Downloads/nexus-3.4.0-02/bin$ sudo nano nexus
```

Set the path for a specific Java location open the bin/nexus script and locate the line INSTALL4J_JAVA_HOME_OVERRIDE. Remove the hash and specify the location of your JDK/JRE

INSTALL4J_JAVA_HOME_OVERRIDE=/usr/lib/jvm/java-8-oracle

```
  GNU nano 2.2.6                    File: nexus

#!/bin/sh
# chkconfig:        2345 75 15
# description:      nexus
### BEGIN INIT INFO
# Provides:         nexus
# Required-Start:   $all
# Required-Stop:    $all
# Default-Start:    2 3 4 5
# Default-Stop:     0 1 6
# Short-Description: nexus
### END INIT INFO

# Uncomment the following line to override the JVM search sequence
INSTALL4J_JAVA_HOME_OVERRIDE=/usr/lib/jvm/java-8-oracle
```

Step 4)

Start Nexus, after extracting, the nexus script must be executed with a start parameter in the nexus folder

./bin/nexus start

```
vagrant@masteransible: ~/Downloads/nexus-3.4.0-02
vagrant@masteransible:~/Downloads/nexus-3.4.0-02$ ./bin/nexus start
Starting nexus
vagrant@masteransible:~/Downloads/nexus-3.4.0-02$
```

Note: To stop Nexus you just have to write stop instead of start
./bin/nexus stop

```
vagrant@masteransible: ~/Downloads/nexus-3.4.0-02
vagrant@masteransible:~/Downloads/nexus-3.4.0-02$ ./bin/nexus start
Starting nexus
vagrant@masteransible:~/Downloads/nexus-3.4.0-02$ ./bin/nexus stop
Shutting down nexus
nexus is not running.
```
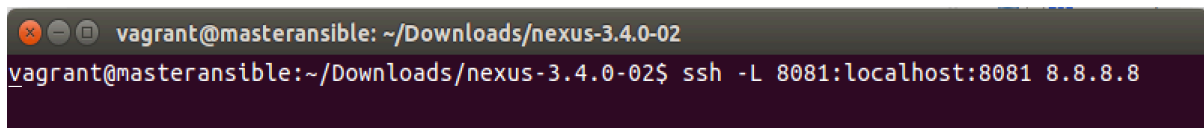
Step 5)

http://localhost:8081/
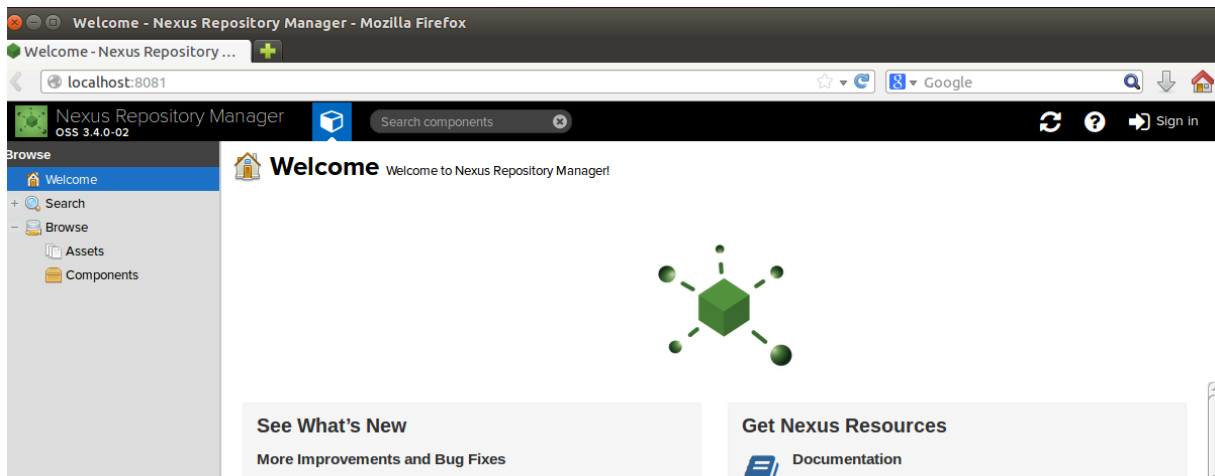
Advanced Network Troubleshooting
(Nexus user interface not displaying)

Create an SSH Tunnel to your Nexus server.

Run the following to start a tunnel (this assumes you are running nexus on the default 8081 port on your server with hostname 'servername')
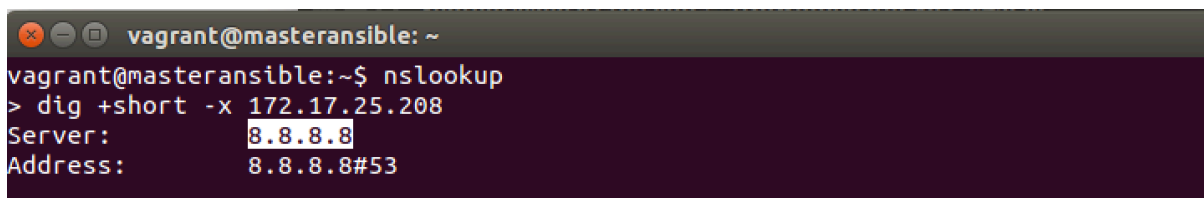
ssh -L 8081:localhost:8081 servername

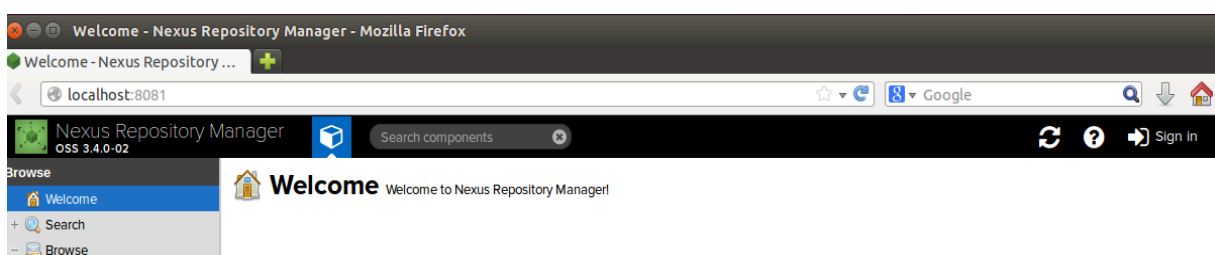# Locate servername
nslookup
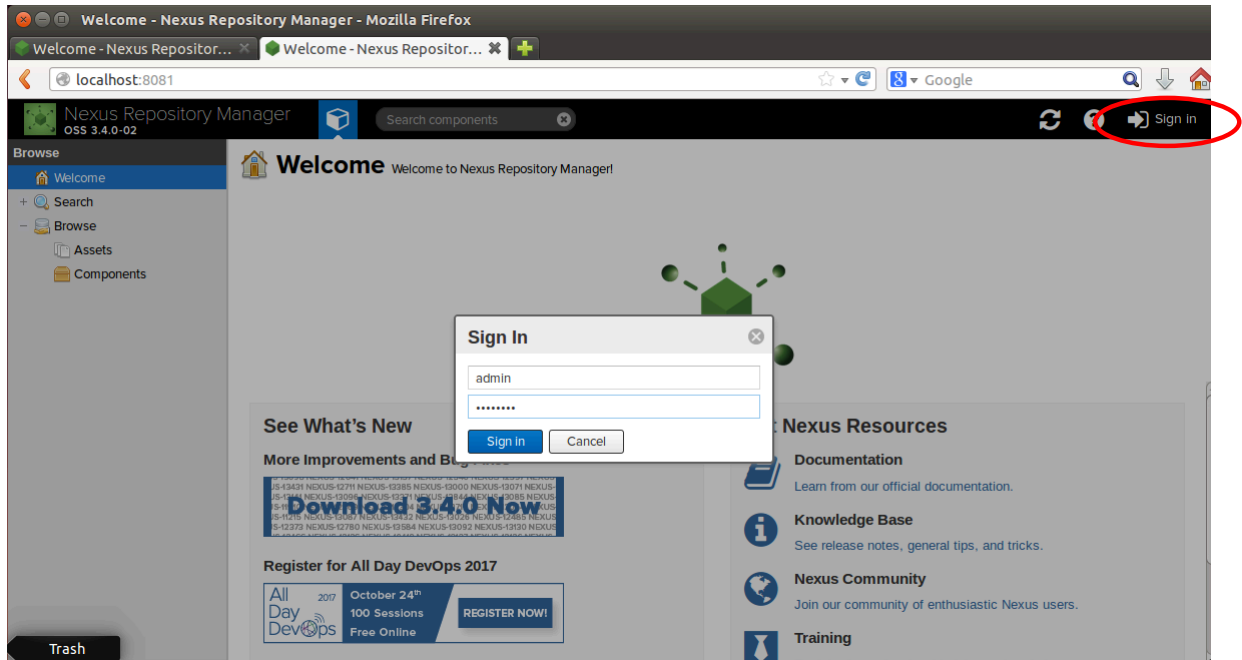> dig +short -x 172.17.25.208

http://localhost:8081/

Nexus User Settings

Step 1)

Default user is admin and the password is admin123

Step 2)

After logging in the credentials can be changed in the profile settings