

# Sonatype Nexus

# NEXUS Configuration

**Step-1 : Download jdk1.8 & sonatype nexus**

<https://www.sonatype.com/download-oss-sonatype>  
select --> Nexus Repository Manager OSS 3.x - Unix

**Step-2 : Extract and set path**

```
# tar -xzf jdk1.8....
```

```
# tar -xzf nexus-3.x...
```

```
# vi .profile
```

```
export JAVA_HOME="/opt/jdk1.8.0_121"
```

```
export PATH=$JAVA_HOME/bin:$PATH
```

**step-3 : install git package**

```
#apt-get install git-core -y
```

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**step-4 : clone a maven project**

**#git clone**

**<https://github.com/sathyadevops/mvnproj.git>**

**step-5 : Start nexus and access in Browser**

**#cd /opt/nexus-3.6.0-02/bin**

**#./nexus run**

**#netstat -lntp (find a port : 8081)**

**Browser : http://<ip Addr>:8081/nexus**

**User Name : admin**

**Password : admin123**



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**step-6 : Create new user for Nexus Repo.**

select --> Settings --> users --> create user

uname : deployment

pwd : deployment123

**step-7 : Configure pom.xml**

#cd mvnproj

#vi pom.xml

```
<repository>
```

```
  <id>deployment</id>
```

```
  <name>Internal Releases</name>
```

```
  <url>http://104.197.241.229:8081/repository/  
    maven-releases/</url>
```

```
</repository>
```

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```
<snapshotRepository>  
  <id>deployment</id>  
  <name>Internal Snapshot Releases</name>  
  <url>http://104.197.241.229:8081/repository  
    /maven-snapshots/</url>  
</snapshotRepository>  
:wq ---> save and quit
```

## step-8 : Compile and prepare package (war)

```
#cd mvnproj  
#mvn compile      (for compilation)  
#mvn package      (for package preparation)  
#mvn install       (to copy a file to local repo .m2)
```

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**step-9 : Copy and configure settings.xml file**

```
#cd /opt/apache-maven-3.5.2/conf  
#cp setting.xml /root/.m2/  
#cd /root/.m2/  
#vi setting.xml
```

```
<server>
```

```
  <id>deployment</id>
```

```
  <username>deployment</username>
```

```
  <password>deployment123</password>
```

```
</server>
```

```
:wq --> write and quit
```

**step-10 : to deploy a file to nexus**

```
#mvn deploy
```