- ➢ It an Artifactory Server
- ➢ Can be use as a repository manager to manage your project dependencies
- ➢ Allows to store and retrieve build artifacts.
- ➢ You can share project artifacts with other developers and end-users within organization.
- ➢ Store artifacts using a set of coordinates: groupId, artifactId, version, and packaging.
- ➢ can store any type binary software format including WAR,JAR,EAR,ZIP, SWC, SWF, NAR, SAR.

Commands:

mvn deploy // To publish artitacts on Nexus repository.

Nexus Configurations:

In pom.xml:

```
<distributionManagement>
    <repository>
      <id>deployment</id>
      <name>Internal Releases</name>
      <url>http://localhost:8082/nexus/content/repositories/releases/</url>
    </repository>
    <snapshotRepository>
      <id>deployment</id>
      <name>Internal Snapshot Releases</name>
      <url>http://localhost:8082/nexus/content/repositories/snapshots/</url>
    </snapshotRepository>
  </distributionManagement>
```

In.m2/Setting.xml:
```
<servers>
  <server>
   <id>deployment</id>
   <username>admin</username>
   <password>admin123</password>
  </server>
 </servers>
```

Download Link:

https://www.sonatype.com/download-oss-sonatype

Choose your Nexus:

All platforms - Nexus Repository Manager OSS 2.x - **bundle.tar.gz**

All platforms - Nexus Repository Manager OSS 2.x - **bundle.zip**

Prerequisite:

➢ Java 6 or higher

Url Info:
http://localhost:8081 // To Access Nexus
Cred: admin/admin123 // Default Credentials

Repository details:

➢ To store released version artifacts.
http://localhost:8082/nexus/content/repositories/releases/

➢ To store snapshot version artifacts
http://localhost:8082/nexus/content/repositories/snapshots/

Installation:

Easy way is Using Docker image

```
   1  yum update -y
   2  yum install -y
   3  yum install docker
   4  service docker start
   5  chkconfig docker on
   6  docker run -d -p 8081:8081 --name nexus sonatype/nexus:oss  // Here running nexus
docker images
   7  docker ps
```

In Linux:

1. yum update -y
2. yum install java-1.8.0-openjdk.x86_64
3. mkdir /app && cd /app
4. wget https://sonatype-download.global.ssl.fastly.net/nexus/3/nexus-3.0.2-02-unix.tar.gz
5. tar -xvf nexus-3.0.2-02-unix.tar.gz
6. mv nexus-3.0.2-02 nexus
7. adduser nexus
8. chown -R nexus:nexus /app/nexus
9. Open /app/nexus/bin/nexus.rc file, uncomment run_as_user parameter and set it as following.

    run_as_user="nexus"

10. ln -s /app/nexus/bin/nexus /etc/init.d/nexus
11. chkconfig --add nexus
12. chkconfig --levels 345 nexus on
13. service nexus start
14. http://ip-address:8081
15. User Name: admin
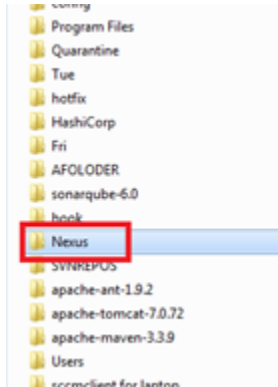16. Password: admin123

In Windows

Step 1:
Download Link
https://www.sonatype.com/download-oss-sonatype

Step 2:
Download Nexus Repository Manager OSS 2.x - **bundle.zip**

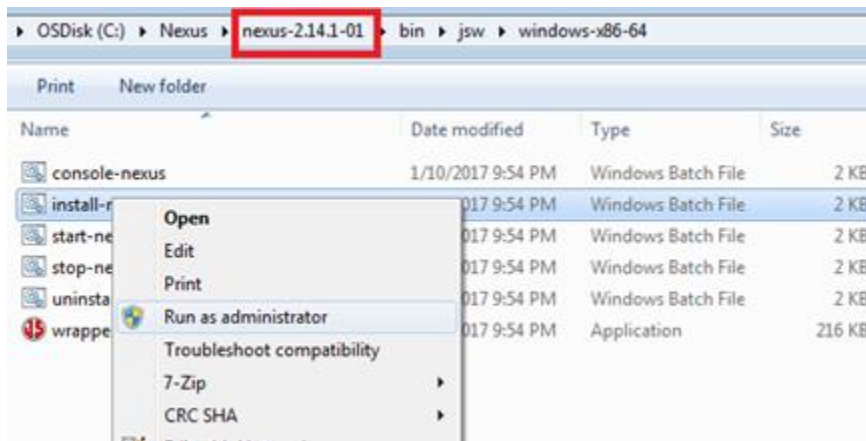| Choose your Nexus:			
All platforms - Nexus Repository Manager OSS 2.x - **bundle.tar.gz**	ASC	MD5	SHA
All platforms - Nexus Repository Manager OSS 2.x - **bundle.zip**	ASC	MD5	SHA

Step 3:

Create the folder with Nexus in C drive

Step 4:

Place the downloaded zip file here and extract it. You will 2 folders.
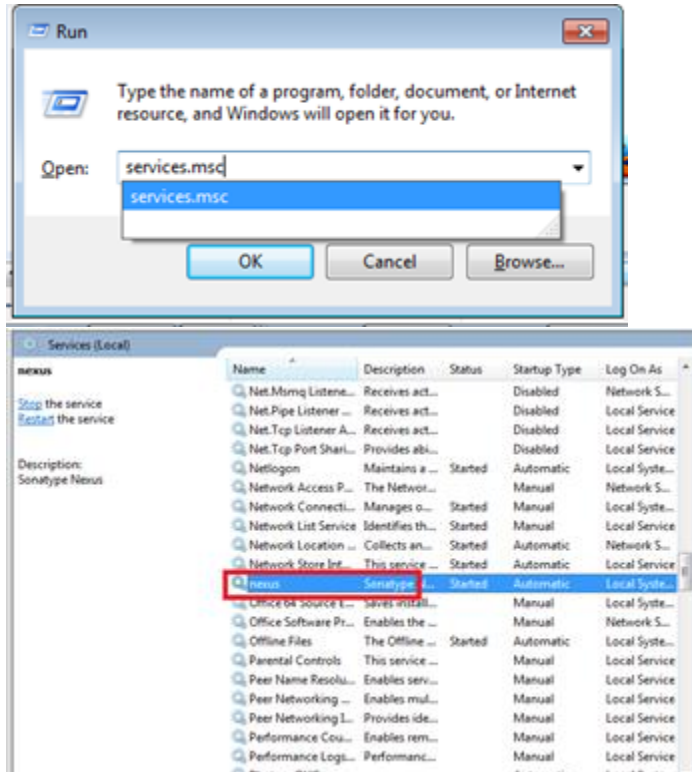

Go to **C:\Nexus\nexus-2.14.1-01\bin\jsw\windows-x86-64**

Step 5:

Check the services

Step 6:

Start the service and access with

http://localhost:8081/nexus
admin/admin123