

* 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**](https://www.sonatype.com/download-oss-sonatype)



**Prerequisite:**

* Java 6 or higher

**Url Info:** [http://localhost:8081](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"

1. ln -s /app/nexus/bin/nexus /etc/init.d/nexus
2. chkconfig --add nexus
3. chkconfig --levels 345 nexus on
4. service nexus start
5. http://ip-address:8081
6. User Name: admin
7. Password: admin123

**In Windows**

**Step 1:** Download Link

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

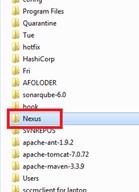
**Step 2:**

Download [Nexus Repository Manager OSS 2.x - **bundle.zip**](https://www.sonatype.com/oss-thank-you-zip)



**Step 3:**

Create the folder with Nexus in C drive

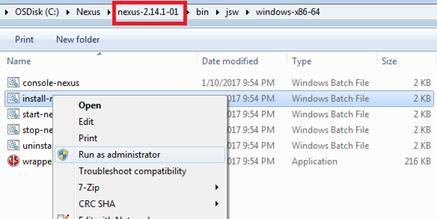


**Step 4:**

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

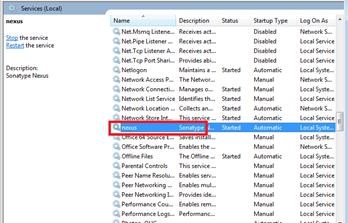
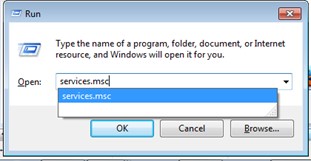


Go to **C:\Nexus\nexus-2.14.1-01\bin\jsw\windows-x86-64**



**Step 5:**

Check the services



**Step 6:**

Start the service and access with

<http://localhost:8081/nexus>

admin/admin123