NEXUS

Sonartupe nexus is one of the best open source artifact management tools.it effectively manages deployable artifacts

Pre-req:

Minimum 1 cpu and 2 GB ram

Port = 8081

Java installation

All nexus processes should run as non-root nexus user

Step 1:

#download the java in /opt folder

wget -c --header "Cookie: oraclelicense=accept-securebackup-cookie" <http://download.oracle.com/otn-pub/java/jdk/8u131-b11/d54c1d3a095b4ff2b6607d096fa80163/jdk-8u131-linux-x64.rpm>

#install the java with rpm packages

rpm -ivh jdk-8u131-linux-x64.rpm

Step2:

#download the nexus and extract the nexus

wget <http://download.sonatype.com/nexus/3/nexus-3.15.2-01-unix.tar.gz>

#extract

tar -zxvf nexus-3.15.2-01-unix.tar.gz

#Rename the nexus for naming conversion

mv nexus-3.15.2-01 nexus

**#As a good security practice, Nexus is not advised to run nexus service as a root user, so create a new user called nexus and grant sudo access to manage nexus services as follows.**

useradd nexus

**#Give the sudo access to nexus user**

visudo

in 101 you have to add this

nexus ALL(ALL) NOPASSWD(ALL)

#Change the owner and group permissions to /opt/nexus and /opt/sonatype-work directories.

chown -R nexus:nexus nexus

chown -R nexus:nexus sonartype-work

#Open /opt/nexus/bin/nexus.rc file and  uncomment run\_as\_user parameter and set as nexus user.

vi /opt/nexus/bin/nexus.rc

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#Switch as a nexus user and start the nexus service as follows.

su – nexus

sudo systemctl start nexus

sudo systemctl enable nexus

sudo systemctl status nexus

#Access the Nexus server from Laptop/Desktop browser.

Nexusipadress:8081

**#Default Credentials**

**Un =admin**

**Pw=admin123**