**Nexus Installation**

Nexus is one a artifact repository which helps to store your build outcomes.

**Follow this article in \*\*[Youtube](https://www.youtube.com/watch?v=83AGz9huJGo)**

**Prerequisites**

1. EC2 instance with java

**Implementation steps**

Download and setup nexus stable version

cd /opt

wget https://sonatype-download.global.ssl.fastly.net/nexus/3/nexus-3.0.2-02-unix.tar.gz

tar -zxvf nexus-3.0.2-02-unix.tar.gz

mv /opt/nexus-3.0.2-02 /opt/nexus

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

sudo adduser nexus

# visudo \\ nexus ALL=(ALL) NOPASSWD: ALL

sudo chown -R nexus:nexus /opt/nexus

Open /opt/nexus/bin/nexus.rc file, uncomment run\_as\_user parameter and set it as following.

vi /opt/nexus/bin/nexus.rc

run\_as\_user="nexus" (file shold have only this line)

Add nexus as a service at boot time

sudo ln -s /opt/nexus/bin/nexus /etc/init.d/nexus

Login as a nexus user and start service

su - nexus

service nexus start

Login nexus server from browser on port 8081

http://<Nexus\_server>:8081

Use default credentials to login

username : admin  
password : admin123

**Troubleshooting**

service is not starting?

* make sure you are trying to start service with nexus user.
* check java installation

Unable to access nexus URL?

* make sure port 8081 is opened in security group.

**Next Integration in Jenkins :-**

Install **nexus platform** plugin

Goto Jenkins Dashboard 🡪 Manage Jenkins 🡪 Configure Systems

Sonartype Nexus 🡪Nexus repository Manager Servers 🡪

Server Url 🡪 Nexus url

Credentials 🡪admin 🡪 done .