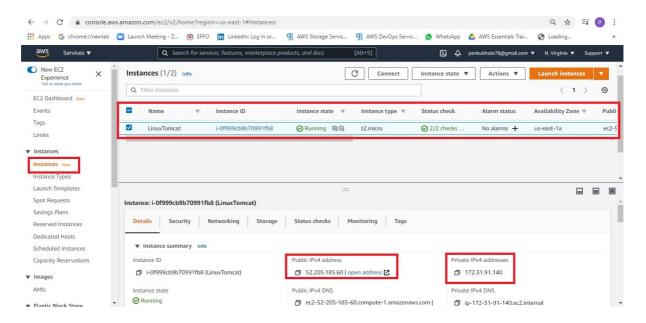
Project Name: Project-DevOps-Jenkins-Installation and Configuration on Linux

## Advance AWS Cloud Computing With DevOps Fundamentals

Microsoft account

LETSUPGRAD | TRAINER: MRS. VINOLIN JERIMIAH

Linux instance details:

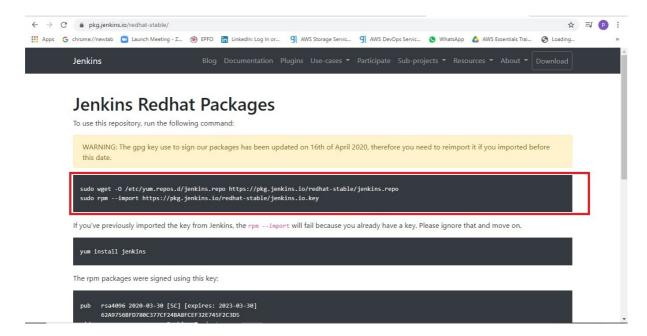


Using following Public and Private IP for Jenkins and java installation:

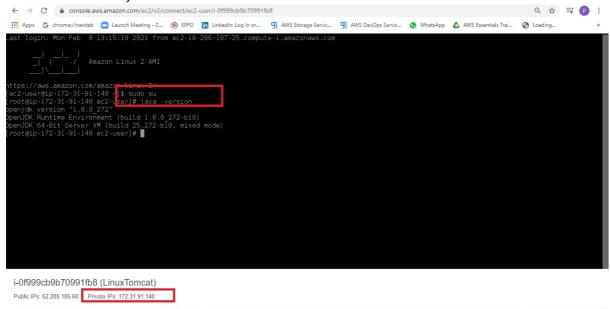
Public IP Address	52.502.185.60
Private IP Address	172.31.91.140

https://pkg.jenkins.io/redhat-stable/

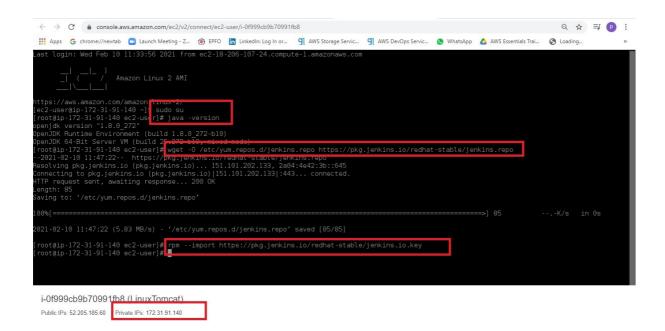
Open the following path for downloading and updating packages.



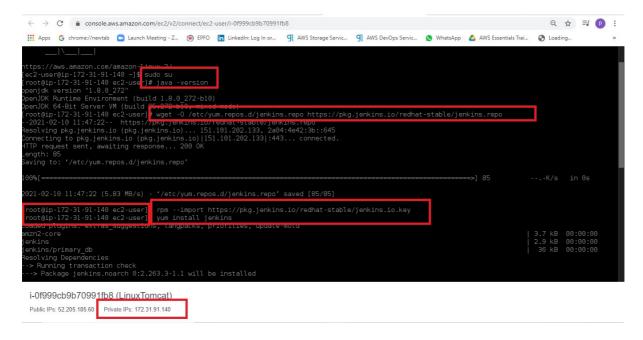
- ❖ Done Installation java through following command:
  - sudo su \$
  - Java -version



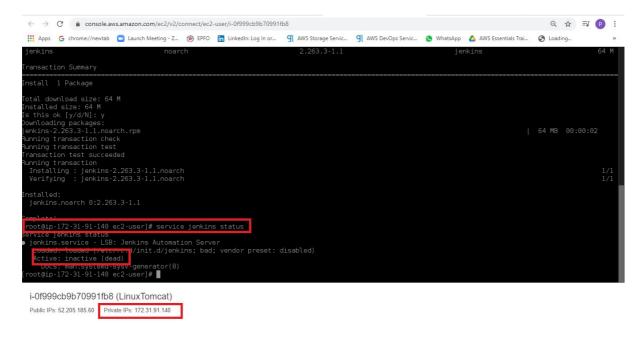
- Copy the following command for Jenkins downloading and updating through Linux command prompt:
  - wget -0 /etc/yum.repos.d/jenkins.repo <a href="https://pkg.jenkins.io/redhat-stable/jenkins.repo">https://pkg.jenkins.io/redhat-stable/jenkins.repo</a>
  - rpm --import <a href="https://pkg.jenkins.io/redhat-stable/jenkins.io.key">https://pkg.jenkins.io/redhat-stable/jenkins.io.key</a>



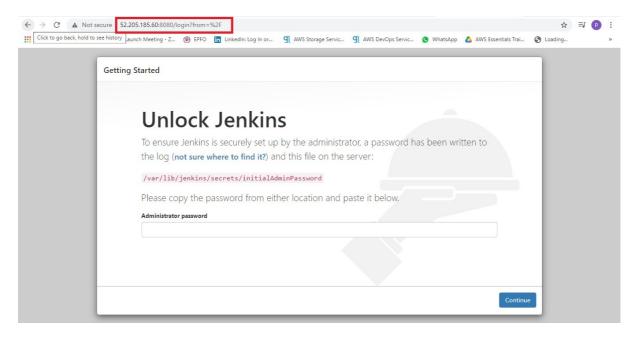
- Installation Jenkins from following commands:
  - yum install Jenkins



- Extract the password from the location ( After Jenkins installation follows below process for verify the service Jenkins status )
  - Service Jenkins status
  - ❖ Active: currently status is inactive.

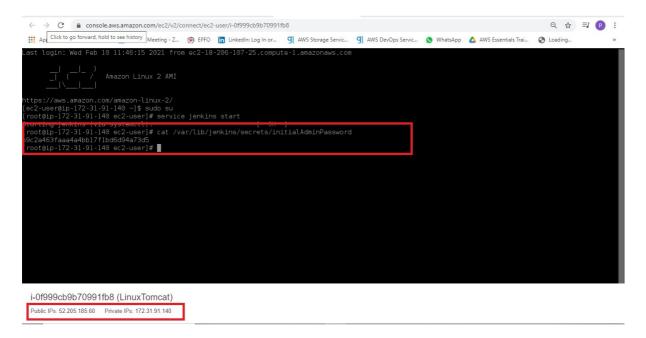


1. After start the service retrive 52.205.185.60:8080/login jenkins windows and start the jenkins installation :

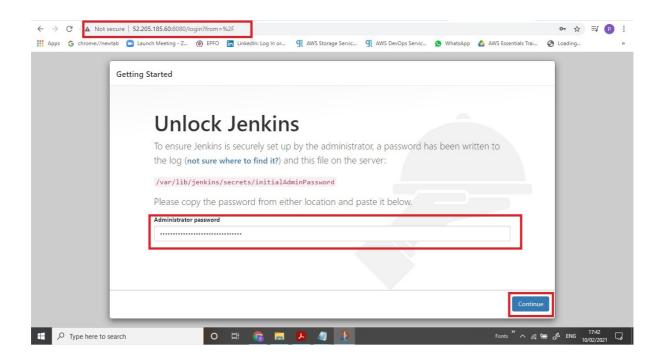


Extract following path form above screen path is as following command,

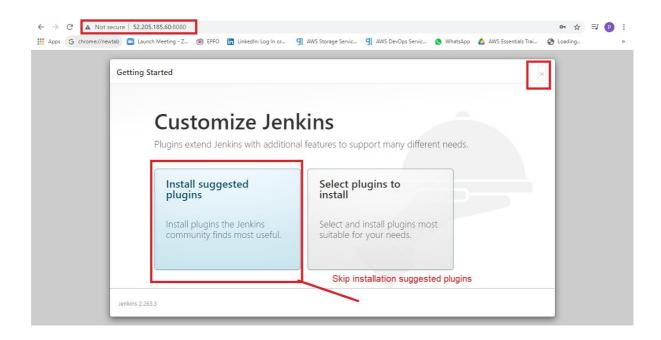
Cat /var/lib/Jenkins/secrets/initialAdminPassword



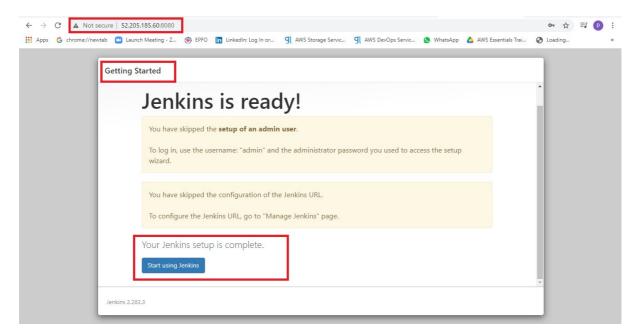
Copyed selected password form above screen and past "Administrator textbox" and select the continue button the setup is continue now.



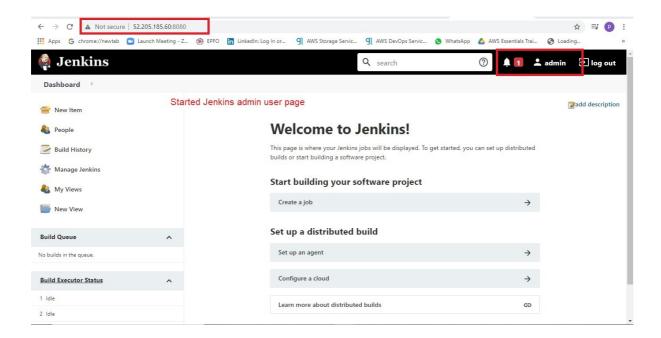
❖ Skip installing plugins :



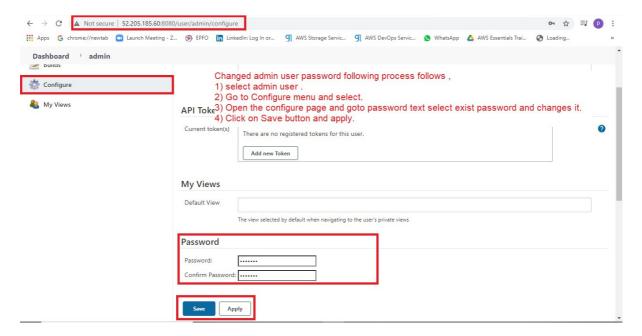
Start using Jenkins: ( select the selected "Start using Jenkins" button )



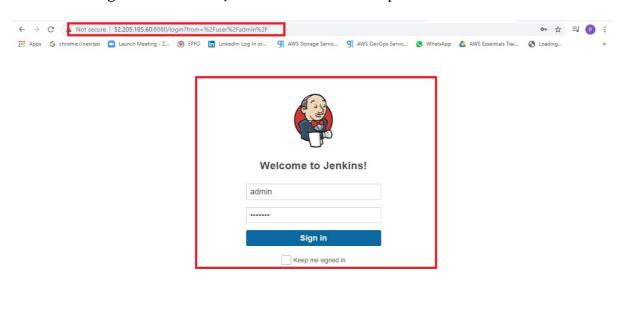
- ❖ Completed the Jenkins setup and start Jenkins admin user page on this link
  - **!** Link is -52.205.185.60:8080



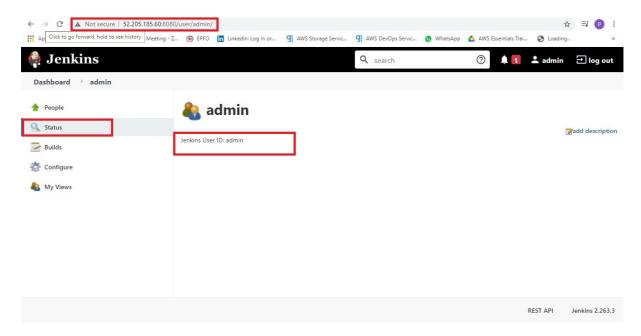
❖ After Completed Jenkins setup Change the admin password form select the admin user on Jenkins main page process follows is as on screen.



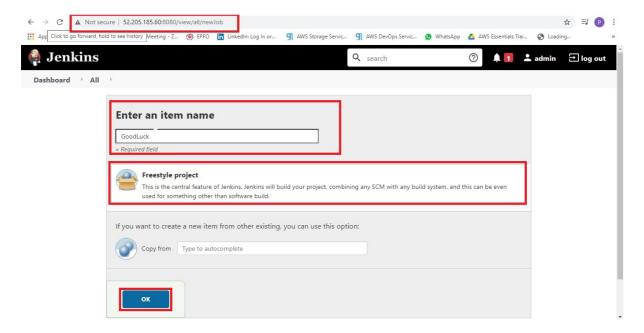
New logins Welcome to Jenkins admin user and password:



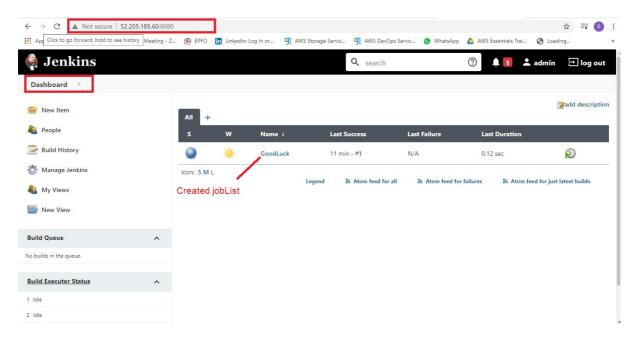
Jenkins admin user login status :



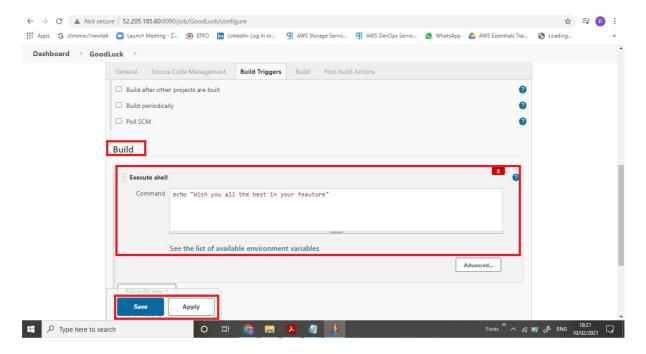
Create a new job on jenkins dashboard and enter the job name "GoodLuck":



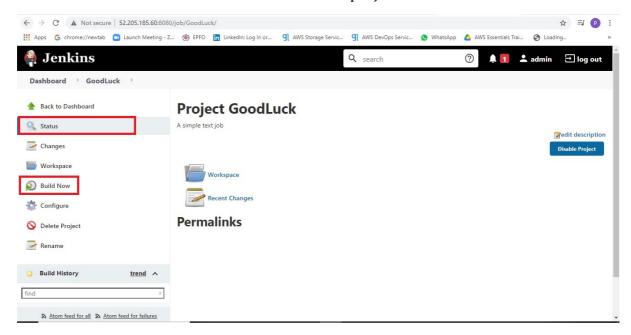
Jenkins Dashboard is shown created job list :



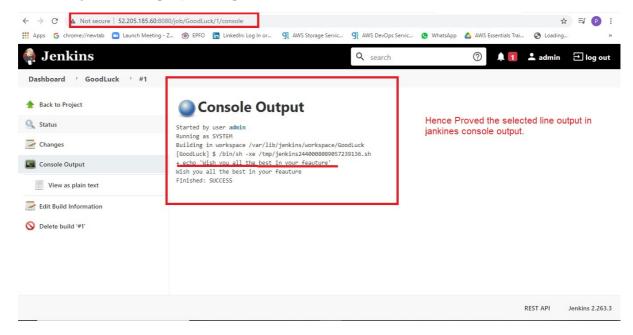
- Build step:execte shell: Entered the following shell command in execute shell box,
  - Echo "Wish you all the best in your feauture".



Build the project job : Selected Build Now button used for build the project.



Finally Build the project output:



Using following Public and Private IP for Jenkins and java installation:

Public IP Address	52.502.185.60
Private IP Address	172.31.91.140