Jenkins-03

1)Create one jenkins job using the below code and create three stages.

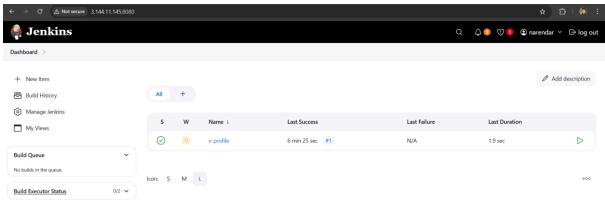
stage1: Git clone to download the source code.

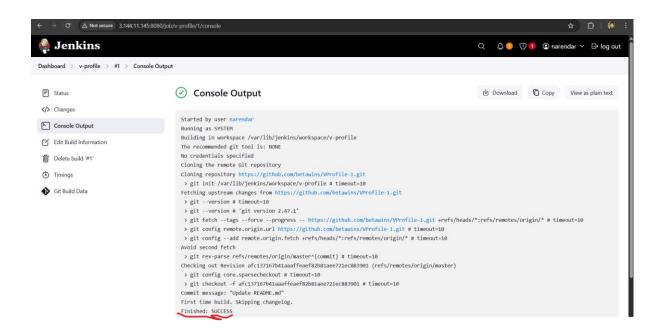
stage2: Sonarqube Integration to check the quality of code.

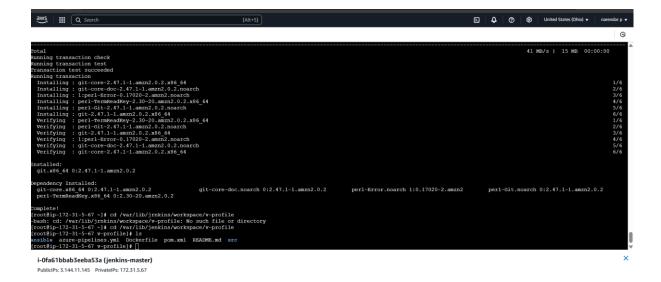
stage3: Slack Integration to send the alerts to slack.

https://github.com/betawins/VProfile-1.git

stage1: Git clone to download the source code:







stage2: Sonarqube Integration to check the quality of code:

→ java installed

```
[ec2-user@ip-172-31-16-23 ~]$ sudo -i
[root@ip-172-31-16-23 ~]# yum install java-1.8*

Complete!
[root@ip-172-31-16-23 ~]# java -version
openjdk version "1.8.0_442"
OpenJDK Runtime Environment Corretto-8.442.06.1 (build 1.8.0_442-b06)
OpenJDK 64-Bit Server VM Corretto-8.442.06.1 (build 25.442-b06, mixed mode)
```

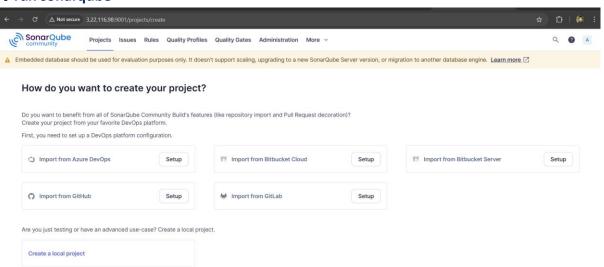
→ Docker installation

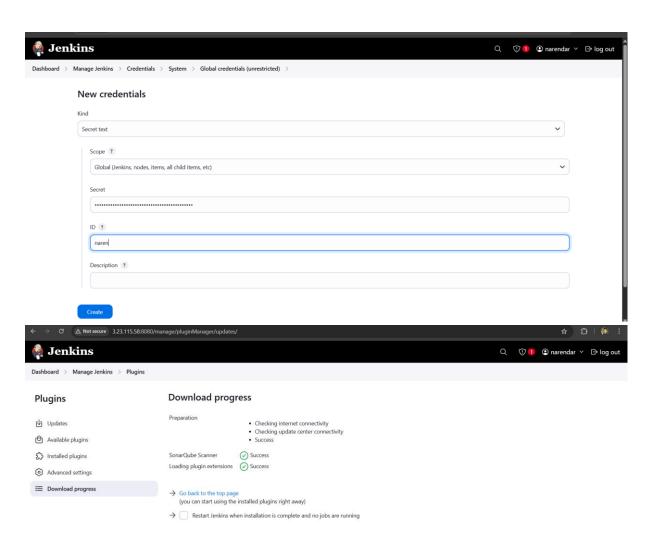
```
Installed:
    containerd-1.7.25-1.amzn2023.0.1.x86_64
    libcgroup-3.0-1.amzn2023.0.1.x86_64
    pigz-2.5-1.amzn2023.0.3.x86_64

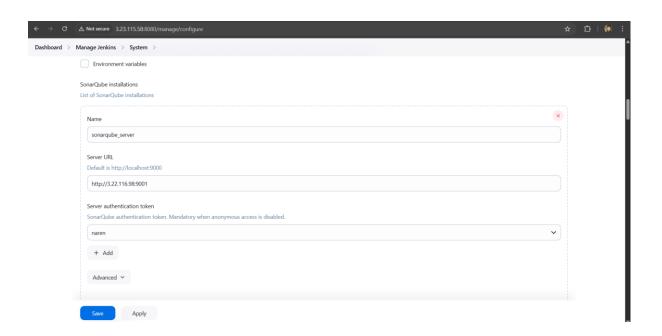
Complete!

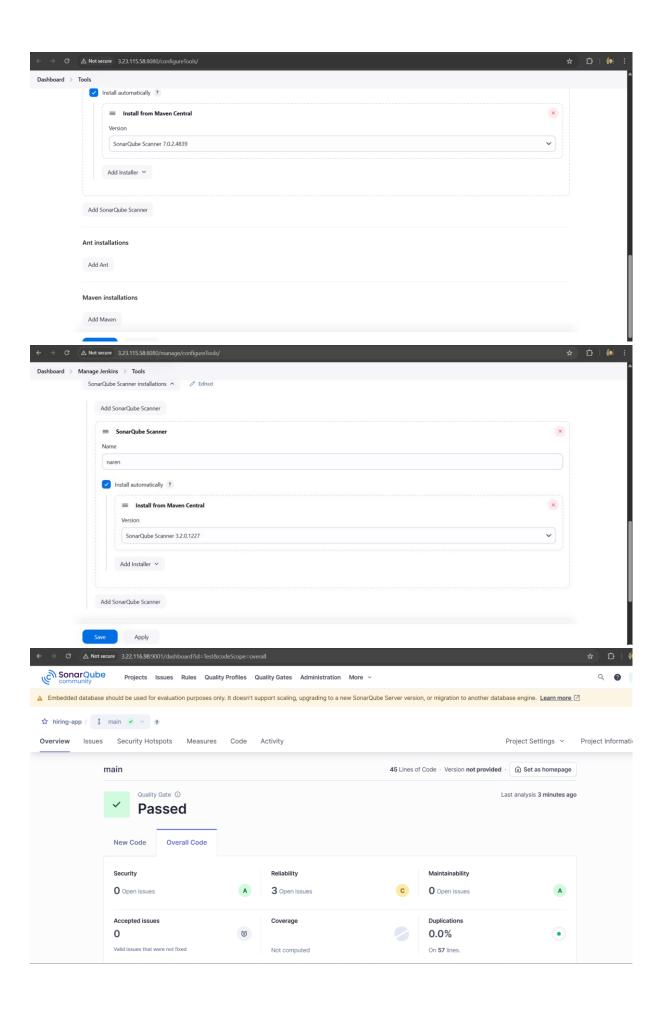
[root@ip-172-31-16-23 ~]# [
```

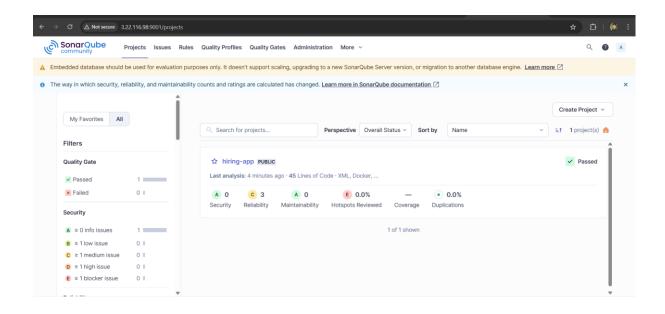
→run sonarqube



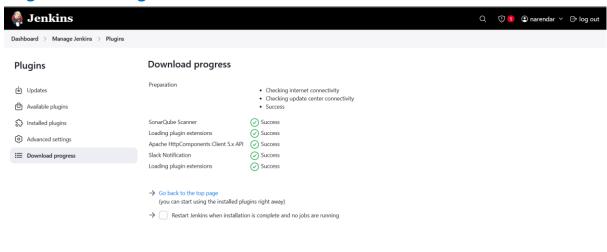


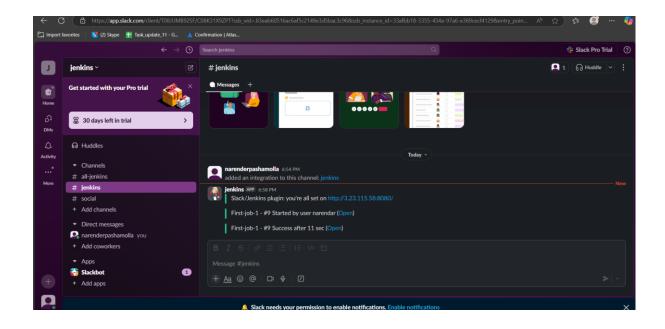






stage3: Slack Integration to send the alerts to slack:





2)Create one jenkins job using the below code and create three stages.

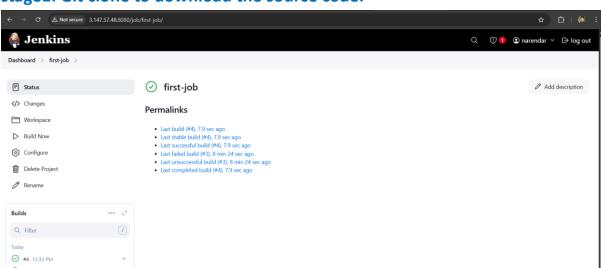
stage1: Git clone to download the source code.

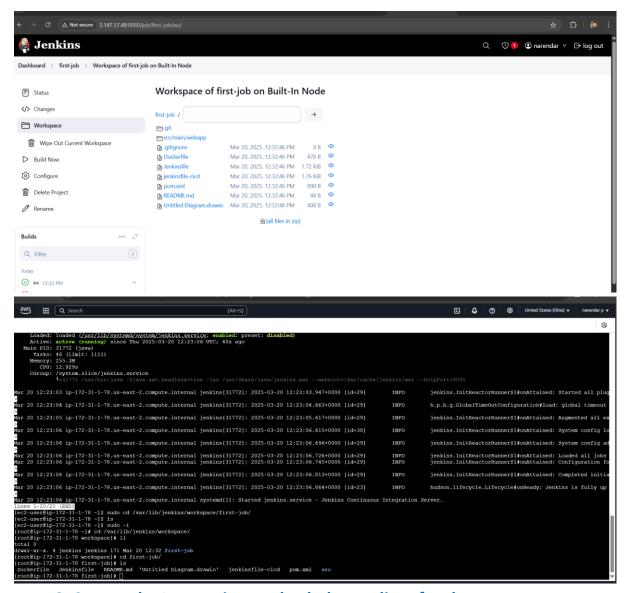
stage2: Sonarqube Integration to check the quality of code.

stage3: Slack Integration to send the alerts to slack. URL.

https://github.com/betawins/hiring-app.git

stage1: Git clone to download the source code:





stage2: Sonarqube Integration to check the quality of code:

→ Install java 1.8 version

```sh

yum install java-1.8\*

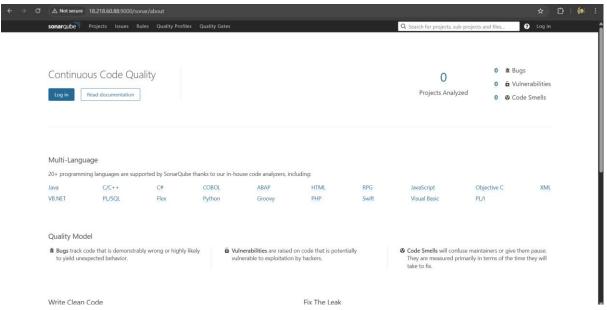
• • •

```
Complete!
[root@ip-172-31-0-125 ~]# java -version
openjdk version "1.8.0_442"
OpenJDK Runtime Environment Corretto-8.442.06.1 (build 1.8.0_442-b06)
OpenJDK 64-Bit Server VM Corretto-8.442.06.1 (build 25.442-b06, mixed mode)
```

```
Verifying
 : libxcrypt-compat-4.4.33-7.amzn2023.x86 64
 Verifying
 : ncurses-compat-libs-6.2-4.20200222.amzn2023.0.6.x86 64
 : mysql-community-client-5.7.44-1.e17.x86_64
: mysql-community-common-5.7.44-1.e17.x86_64
: mysql-community-libs-5.7.44-1.e17.x86_64
 Verifying
 Verifying
 Verifying
 Verifying
 : mysql-community-server-5.7.44-1.el7.x86 64
Installed:
 libxcrypt-compat-4.4.33-7.amzn2023.x86_64 mysql-community-client-5.7.44-1.el7.x86_64 mysql-community-server-5.7.44-1.el7.x86_64 ncurses-compat-libs-6.2-4.20200222.amzn2023.0.6.x86_64
complete:
[root@ip-172-31-0-125 ~]# sudo systemctl start mysqld.service
[root@ip-172-31-0-125 ~]# systemctl start mysqld
[root@ip-172-31-0-125 ~]# systemctl enable mysqld
[root@ip-172-31-0-125 ~] # netstat -na | grep 3306
 LISTEN
 0 ::::
[root@ip-172-31-0-125 ~]# [
[root@ip-172-31-0-125 ~] # mysql -u root -p
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 2
Server version: 5.7.44
Copyright (c) 2000, 2023, Oracle and/or its affiliates.
Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql>
aws I III Q Search

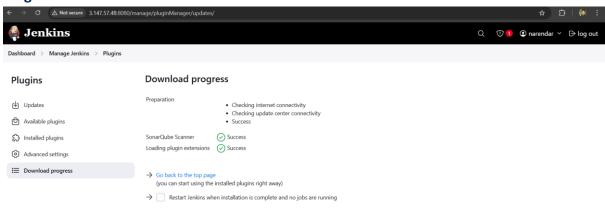
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 ♦
 United States (Ohio) ▼
 narendar p ▼

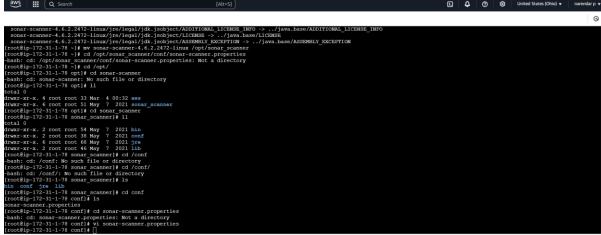
 sql> GRANT ALL ON sonar.* TO sonar@localhost;
ery OK, 0 rows affected (0.00 sec)
 ysql> GRANT ALL ON sonar.* TO sonar@'%';
uery OK, 0 rows affected (0.00 sec)
 rows in set (0.00 sec)
 ql.session |
ql.sys |
```

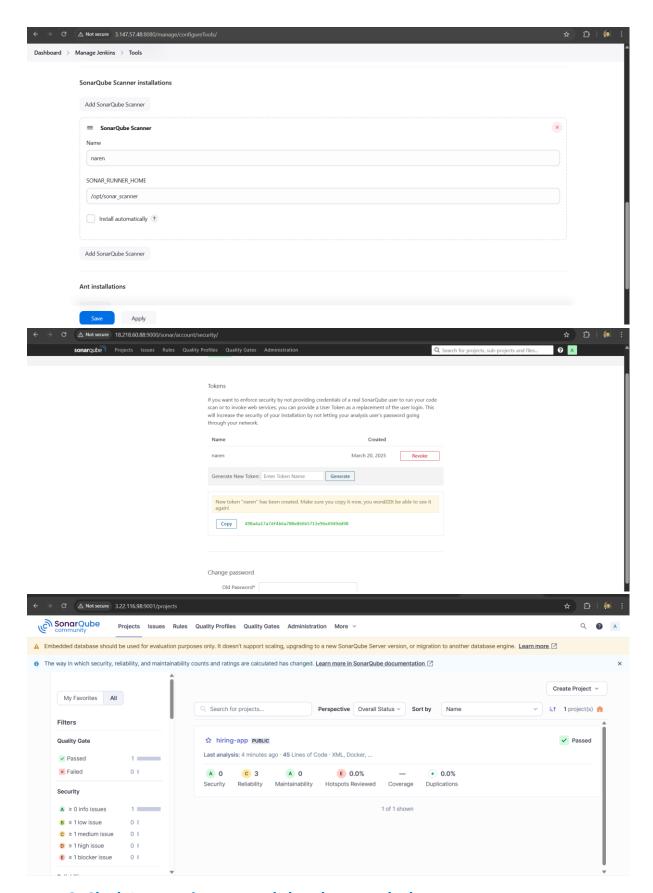


# Integration sonarqube with Jenkins server

### **Plugin**







stage3: Slack Integration to send the alerts to slack:

