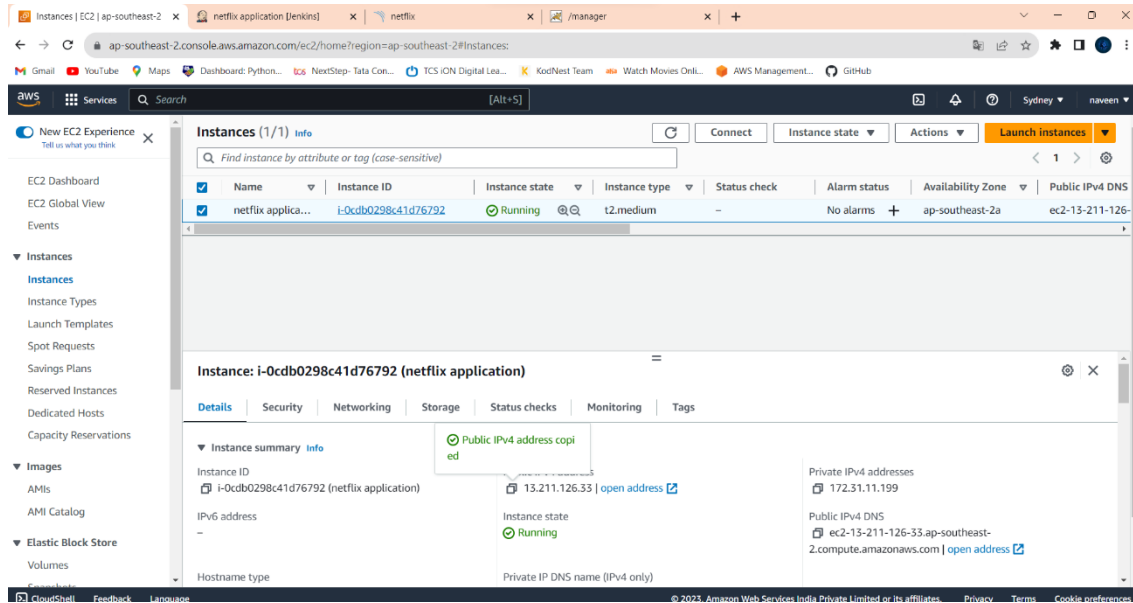
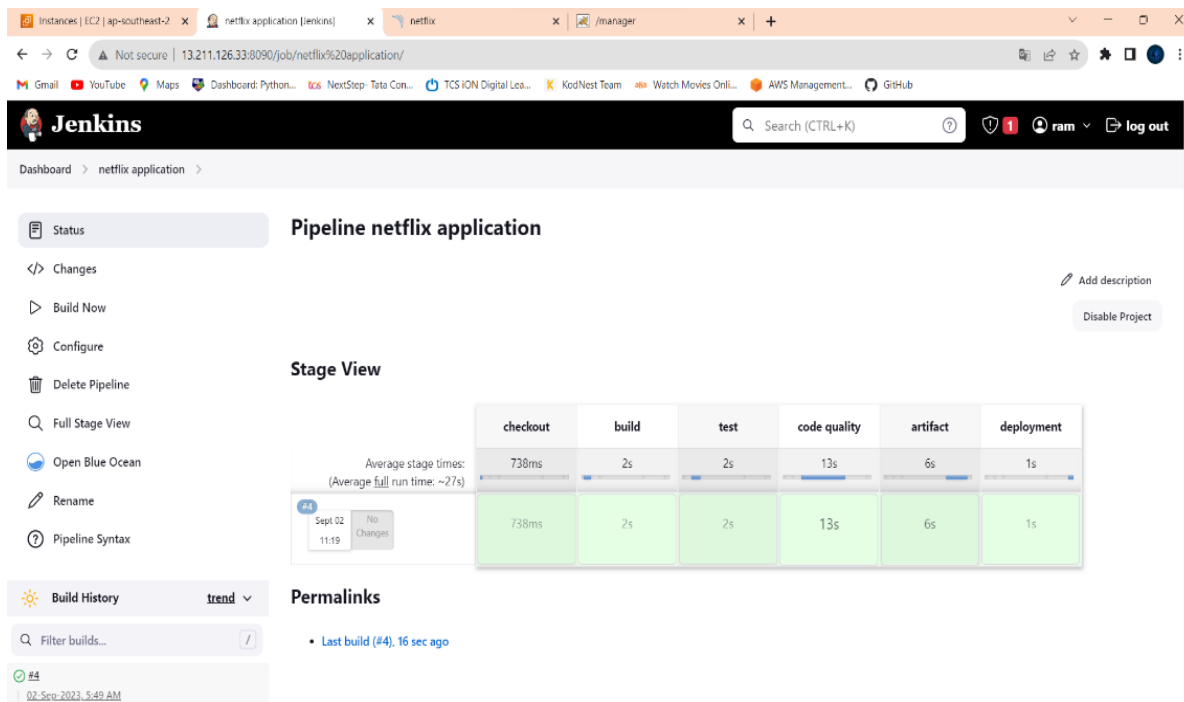


End-to-End CI/CD Pipeline Implementation using Jenkins & AWS

AWS Ec2 Instance



Jenkins CI/CD Pipeline



netflix application 4

PipelineChangesTestsArtifactsLogout

Branch: 27sNo changes
Commit: 20 minutes agoStarted by user ram

Start

checkout

build

test

code quality

artifact

deployment

End

deployment - 1sRestart deployment

> Deploy war/ear to a container1s

Pipeline Code

Instances | EC2 | ap-southeast-2 | netflix application Config [Jenkins] | Java Home myweb | Netflix Login Page | CodingNepal | +

Not secure | 13.211.126.33:8090/job/netflix%20application/configure

Gmail | YouTube | Maps | Dashboard: Python... | NextStep- Tata Con... | TCS ION Digital Lea... | KodNest Team | Watch Movies Onlin... | AWS Management... | GitHub

Dashboard > netflix application > Configuration

Configure

GeneralAdvanced Project OptionsPipeline

Definition

Pipeline script

Script

```
1 pipeline {
2   agent any
3   stages {
4     stage ('checkout') {
5       steps {
6         git 'https://github.com/devopsbyraham/jenkins-java-project.git'
7       }
8     }
9     stage ('build') {
10      steps {
11        sh 'mvn compile'
12      }
13    }
14    stage ('test') {
15      steps {
16        sh 'mvn test'
17      }
18    }
19  }
20 }
```

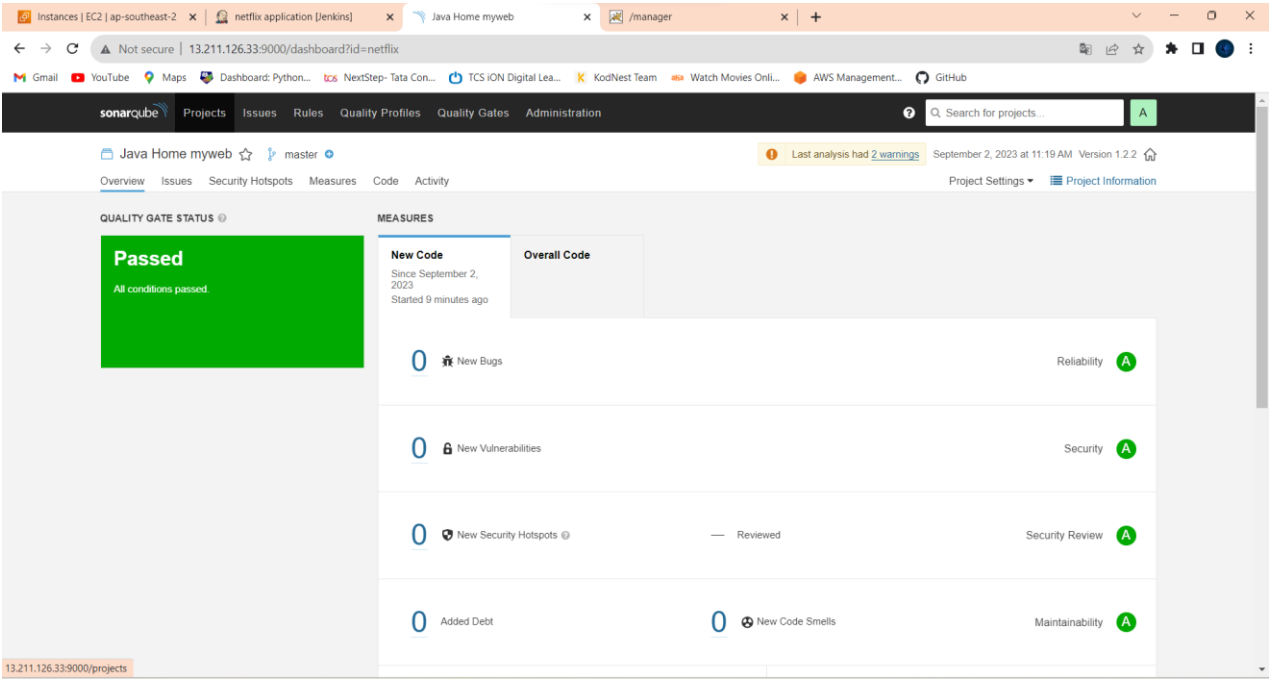
☒ Use Groovy Sandbox

[Pipeline Syntax](#)

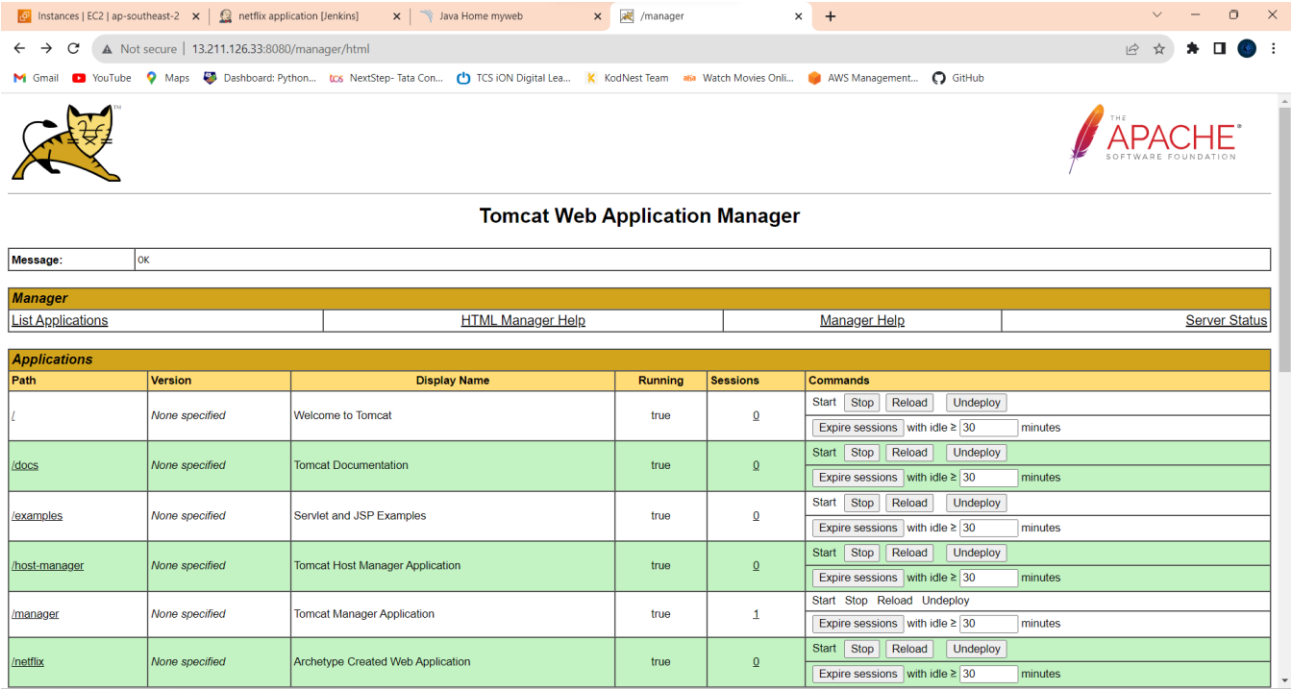
SaveApply

REST APIJenkins 2.414.1

Sonar Qube (Code Quality)



Tomcat Web Server



Output

