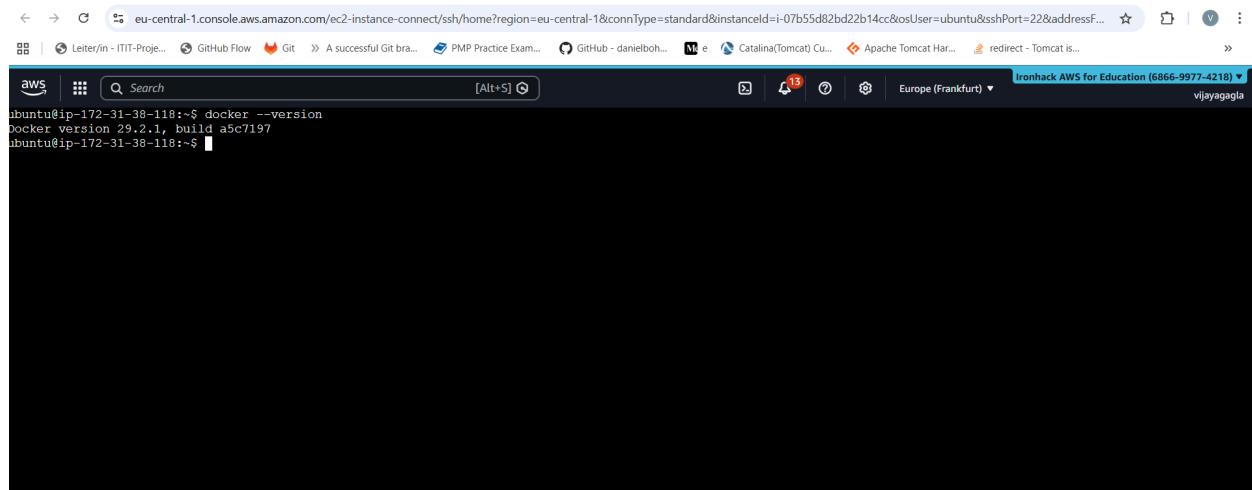
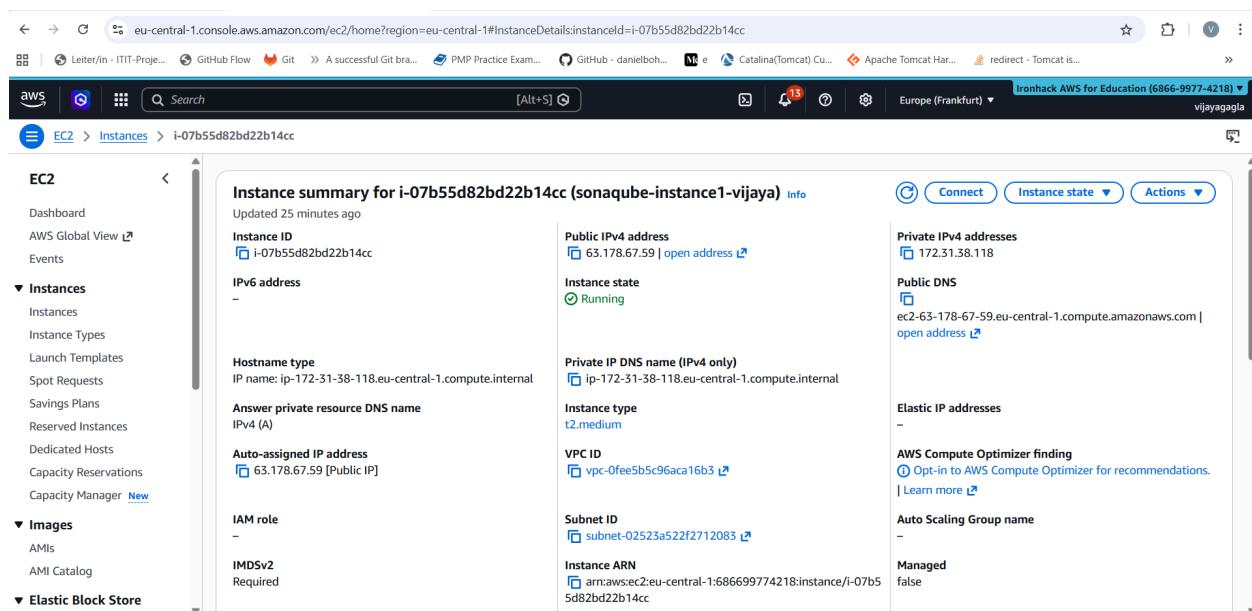


LAB- SonarQube on EC2



```
ubuntu@ip-172-31-38-118:~$ docker --version
Docker version 29.2.1, build a5c7197
ubuntu@ip-172-31-38-118:~$
```



The screenshot shows the AWS EC2 Instances details page for the instance `i-07b55d82bd22b14cc`. The left sidebar shows navigation options like Dashboard, AWS Global View, Events, Instances, Images, and Elastic Block Store. The main content area displays the following details:

Instance summary for i-07b55d82bd22b14cc (sonarqube-instance1-vijaya)	
Updated 25 minutes ago	
Instance ID	i-07b55d82bd22b14cc
IPv6 address	-
Hostname type	IP name: ip-172-31-38-118.eu-central-1.compute.internal
Answer private resource DNS name	IPv4 (A)
Auto-assigned IP address	63.178.67.59 [Public IP]
IAM role	-
IMDSv2	Required
Public IPv4 address	63.178.67.59 open address
Instance state	Running
Private IP DNS name (IPv4 only)	ip-172-31-38-118.eu-central-1.compute.internal
Instance type	t2.medium
VPC ID	vpc-0fee5b5c96aca16b3
Subnet ID	subnet-02523a522f2712083
Instance ARN	arn:aws:ec2:eu-central-1:686699774218:instance/i-07b55d82bd22b14cc
Private IPv4 addresses	172.31.38.118
Public DNS	ec2-63-178-67-59.eu-central-1.compute.amazonaws.com open address
Elastic IP addresses	-
AWS Compute Optimizer finding	Opt-in to AWS Compute Optimizer for recommendations.
Auto Scaling Group name	-
Managed	false

Security groups					
sg-03af73083ea07f12b (multi-env-lab-sg-vijaya)					
▼ Inbound rules					
Filter rules					
Name	Security group rule ID	Port range	Protocol	Source	Security groups
-	sgr-017474c286efbdee0	9000	TCP	0.0.0.0/0	multi-env-lab-sg-vijaya
-	sgr-0fb9dad88a289bd18	80	TCP	0.0.0.0/0	multi-env-lab-sg-vijaya
-	sgr-02af2cabd2a8bc789	22	TCP	0.0.0.0/0	multi-env-lab-sg-vijaya

▼ Outbound rules					
Filter rules					
Name	Security group rule ID	Port range	Protocol	Destination	Security groups
-	sgr-07cec9e20a02428e3	All	All	0.0.0.0/0	multi-env-lab-sg-vijaya

The screenshot shows the SonarQube IDE interface with the following details:

- File Explorer:** On the left, it lists the project structure under "SONARQUE". The file ".github/workflows/maven-build.yml" is currently selected.
- Code Editor:** The main area displays the content of the "maven-build.yml" file. The code defines a GitHub Action workflow for building and testing Java projects using Maven and SonarQube.
- Terminal:** At the bottom, the terminal window shows the output of the build process, including Maven dependency download logs and SonarQube plugin version warnings.

```
! maven-build.yml x
spring-petclinic >.github > workflows > ! maven-build.yml

6   on:
7     push:
8       branches: [ main ]
9     pull_request:
10    branches: [ main ]
11
12  jobs:
13    build:
14
15      runs-on: ubuntu-latest
16      strategy:
17        matrix:
18          java: [ '17' ]
19
20      steps:
21        - uses: actions/checkout@v4
22        - name: Set up JDK ${{matrix.java}}
23          uses: actions/setup-java@v4
24          with:
25            java-version: ${{matrix.java}}
PROBLEMS OUTPUT PORTS TERMINAL DEBUG CONSOLE
Downloaded from central: https://repo.maven.apache.org/maven2/io/github/hakky54/sslcontext-kickstart/9.1.0/sslcontext-kickstart-9.1.0.jar (191 kB at 957 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/jetbrains/kotlin/kotlin-stdlib/2.2.0/kotlin-stdlib-2.2.0.jar (1.8 MB at 8.5 MB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.18.0/commons-lang3-3.18.0.jar (703 kB at 2.3 MB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/bouncycastle/bcprov-jdk18on/1.81/bcprov-jdk18on-1.81.jar (8.9 MB at 15 MB/s)
[WARNING] Using an unspecified version instead of an explicit plugin version may introduce breaking analysis changes at an unwanted time. It is highly recommended to use an explicit version, e.g. 'org.sonarsource.scanner.maven:sonar-maven-plugin:5.0.6356'.
[INFO] Java 21.0.10 Ubuntu (64-bit)
[INFO] Linux 5.15.167.4-microsoft-standard-WSL2 (amd64)
[INFO] Communicating with sonarqube Community Build 26.2.0.119303
[INFO] JRE provisioning: os[linux], arch[x86_64]
```

Nicht sicher 63.178.67.59:9000/dashboard?id=spring.petclinic&codeScope=overall

Leiter/in - ITIT-Proje... GitHub Flow Git A successful Git bra... PMP Practice Exam... GitHub - danielboh... M e Catalina(Tomcat) Cu... Apache Tomcat Har... redirect - Tomcat is...

⚠️ Embedded database should be used for evaluation purposes only. It doesn't support scaling, upgrading to a new SonarQube Server version, or migration to another database engine. [Learn more](#)

SonarQube community Projects Issues Rules Quality Profiles Quality Gates Administration More

spring.petclinic / main ✓ ?

Overview Issues Security Hotspots Code Measures Activity Project Settings Project Information

To benefit from more of SonarQube Community Build's features, [set up analysis in your favorite CI](#).

main 1.2k Lines of Code · Version 4.0.0-SNAPSHOT · Set as homepage Last analysis 2 minutes ago

Quality Gate Passed

New Code Overall Code

Security	Reliability	Maintainability
0 Open issues A	0 Open issues A	21 Open issues A
Accepted issues 0 <small>Valid issues that were not fixed</small>	Coverage 91.9% <small>On 296 lines to cover.</small>	Duplications 0.0% <small>On 2.3k lines.</small>

Security Hotspots 0 A

Activity

The screenshot shows the SonarQube dashboard for the 'spring.petclinic' project. At the top, there are links to various services like Leiter/in, GitHub Flow, Git, and PMP Practice Exam. A warning message about using an embedded database is displayed. The dashboard header includes the project name, branch ('main'), and a green checkmark indicating the quality gate has passed. Below this, there are tabs for 'New Code' and 'Overall Code'. The main section displays four key metrics: Security (0 open issues, A grade), Reliability (0 open issues, A grade), Maintainability (21 open issues, A grade), Accepted issues (0), Coverage (91.9%, 296 lines covered), Duplications (0.0%, 2.3k lines), and Security Hotspots (0). The bottom part of the dashboard is labeled 'Activity'.