1. What is SonarQube?

Ans) SonarQube is an Open Source s/w quality management tool. With the SonarQube we’ll start the server and stop , status and restart

1. What is the default P.No. for SonarQube Server?

Ans) 9000

1. Does SonarQube only analyse the java Code?

Ans) No, It will support over 20 programming languages.

1. How to change the Default P.No. to custom P.No. in SQ?

Ans) Goto the path opn the /conf/sonar.properties

Edit the sonar.web.port=9000

1. How to start the SQ server in windows?

Ans) goto the path sh startsonar.bat start/run

1. What are the default credintials for sonarqube server?

Ans) Un: admin

Pwd: admin

1. What is sonarqube-scanner?

Ans) SonarQube scanner is a continuously analyze & measures quality of the source code. It will generate the reports , if any issues in our project, In the HTML/PDF format.

1. Explain the SonarQube Architecture?

Ans) In tis mainly 4 components are there.

1. Compute Engine
2. Web Container
3. Search Engine
4. DataBase(H2)
5. How to execute the Sonar Report for Java Projects? (OR) Explain the steps to generate the

SonarQube report for Java Projects?

Ans) Create a file called sonar-project.properties file in the project root directory for which project we need to execute the reports with below properties

1. Sonar.projectName=ant-web-app
2. Sonar.projectKey=com.mt
3. Sonar.projectVersion=1.0
4. Sonar.sources=src
5. How to execute the Sonar Report for Maven Projects? (OR) Explain the steps to generate the SonarQube report for Maven Projects?

Ans) mvn sonar:sonar

Mvn clean sonar:sonar install -Dsonar.host.url=http://localhost(ip)/9000

Mvn clean install sonar:sonar

1. In which language SonarQube is written?

Ans) Java

1. What is the default Database name which SonarQube is using?

Ans) H2

1. What are the default credentials for SonarQube server?

Ans) un: admin

Pwd: admin

1. How to create the users?

Ans) Login into SonarQube Adminisration console (admin/admin)

Click on Administration , click on security, click on users

Fill the all details and create a user button

1. What are the default groups in SonarQube?

Ans) **sonar**-**users** is the **default group** to which **users** are automatically added.

1. How to delete the Projects in SonarQube Dashboard?
2. Ans) Login as administrator.
3. Go to Administration -> Projects -> ProjectsManagement.
4. Select the Project(s) you want to DELETE.
5. Click on Delete button at top right corner.
6. What is Quality Profile?

Ans) Quality Profiles are central to SonarQube, since this is where security related rules are defined and assigned to projects. ... Traditionally, when starting with quality profiles, you would use the default profile "Sonar Way" because it contains all the rules that are generally applicable to most projects.

1. Write down the steps to create the custom profile?

Ans)