ADV.DevOps EXPERIMENT -8

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Class;D15A Roll No:49

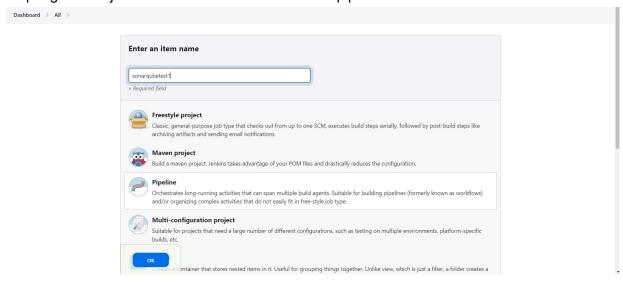
Step 1: Open Windows PowerShell and run the following command – docker run -d --name sonarqube-test1 -e SONAR_ES_BOOTSTRAP_CHECKS_DISABLE=true -p 9000:9000 sonarqube:latest

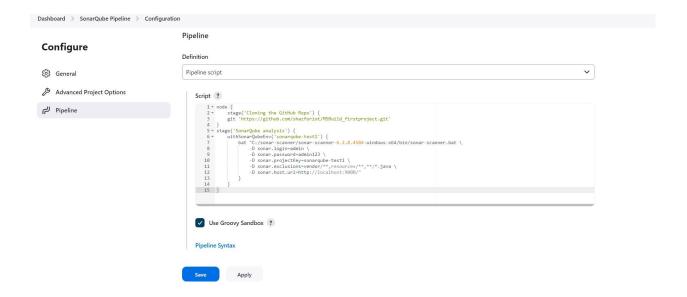
```
erShell does not load commands from the current location by default. If you trust this command, instead type: ".\sonar-scanner.bat". See "get-help about_Command_Precedence" for more details.

PS C:\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner-6.2.0.4584-windows-x64\bin\s\square\sonar-scanner\sonar-scanner-6.2.0.4584-windows-x64\bin\s\square\sonar-scanner\sonar-scanner\sonar-scanner-6.2.0.4584-windows-x64\bin\square\sonar-scanner-6.2.0.4584-windows-x64\bin\square\sonar-scanner-6.2.0.4584-windows-x64\bin\square\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-scanner\sonar-sc
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- Login to SonarQube using username admin and password admin.
- Create a manual project in SonarQube with the name sonarqube-test1

Step2: go to the jenkins and create new item select pipeline:





Save the changes and go to build now:



Console output:

⊘ Console Output

```
Started by user jai navani
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in C:\ProgramData\Jenkins\.jenkins\workspace\SonarQube Pipeline
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Cloning the GitHub Repo)
[Pipeline] git
The recommended git tool is: NONE
No credentials specified
> git.exe rev-parse --resolve-git-dir C:\ProgramData\Jenkins\.jenkins\workspace\SonarQube Pipeline\.git # timeout=10
Fetching changes from the remote Git repository
> git.exe config remote.origin.url https://github.com/shazforiot/MSBuild_firstproject.git # timeout=10
Fetching upstream changes from https://github.com/shazforiot/MSBuild_firstproject.git
> git.exe --version # timeout=10
> git --version # 'git version 2.45.2.windows.1'
> git.exe fetch --tags --force --progress -- https://github.com/shazforiot/MSBuild_firstproject.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git.exe rev-parse "refs/remotes/origin/master^{commit}" # timeout=10
Checking out Revision f2bc042c04c6e72427c380bcaee6d6fee7b49adf (refs/remotes/origin/master)
> git.exe config core.sparsecheckout # timeout=10
> git.exe checkout -f f2bc042c04c6e72427c380bcaee6d6fee7b49adf # timeout=10
> git.exe branch -a -v --no-abbrev # timeout=10
 > git.exe branch -D master # timeout=10
```

```
11:22:18.236 INFO Sensor C# File Caching Sensor [csharp]
11:22:18.237 WARN Incremental PR analysis: Could not determine common base path, cache will not be computed. Consider setting 'sonar.projectBaseDir'
11:22:18.237 INFO Sensor C# File Caching Sensor [csharp] (done) | time=1ms
11:22:18.237 INFO Sensor Zero Coverage Sensor
11:22:18.251 TNFO Sensor Zero Coverage Sensor (done) | time=14ms
11:22:18.256 INFO SCM Publisher SCM provider for this project is: git
11:22:18.257 INFO SCM Publisher 4 source files to be analyzed
11:22:18.789 INFO SCM Publisher 4/4 source files have been analyzed (done) | time=531ms
11:22:18.793 INFO CPD Executor Calculating CPD for 0 files
11:22:18.795 INFO CPD Executor CPD calculation finished (done) | time=0ms
11:22:18.810 INFO SCM revision ID 'f2bc042c04c6e72427c380bcaee6d6fee7b49adf'
11:22:19.074 INFO Analysis report generated in 134ms, dir size=201.0 kB
11:22:19.137 INFO Analysis report compressed in 45ms, zip size=22.5 kB
11:22:19.351 INFO Analysis report uploaded in 212ms
11:22:19.353 \ \ INFO \ \ ANALYSIS \ \ SUCCESSFUL, \ you \ can find the results \ at: \ http://localhost:9000/dashboard?id=sonarqube-test1
11:22:19.354 INFO Note that you will be able to access the updated dashboard once the server has processed the submitted analysis report
11:22:19.354\ INFO\ More\ about\ the\ report\ processing\ at\ http://localhost:9000/api/ce/task?id=971ae2f2-4e0f-49a7-88c4-ad4a6cceddf8
11:22:19.366 INFO Analysis total time: 24.819 s
11:22:19.368 INFO SonarScanner Engine completed successfully
11:22:19.454 INFO EXECUTION SUCCESS
11:22:19.455 INFO Total time: 29.696s
[Pipeline] }
[Pipeline] // withSonarQubeEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

Output:

