```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\WINDOWS\system32> docker run -d --name sonarqube -e SONAR_ES_BOOTSTRAP_CHECKS_DISABLE=true -p 9000:9000 sonarqube:
latest
>>
>>
Unable to find image 'sonarqube:latest' locally
latest: Pulling from library/sonarqube
7478e0ac0f23: Pull complete
90a925ab929a: Pull complete
7d9a34308537: Pull complete
80338217a4ab: Pull complete
1a5fd5c7e184: Pull complete
fbe03067fd0d: Pull complete
8f68213fa028: Pull complete
4f4fb700ef54: Pull complete
Digest: sha256:9187cdb52bb41c3261bead1793c0b92b1e66f957969f3984f6151ac41d20e24e
Status: Downloaded newer image for sonarqube:latest
ee24e3c42d9ac507aad3918c5f06115a0257c816e44a639f375896e9ad1a168a
```

sonar

Log in to SonarQube

Login *

admin

Password *

•••••

Go back   Log in

How do you want to create your project?

Do you want to benefit from all of SonarQube's features (like repository import and Pull Request decoration)?
Create your project from your favorite DevOps platform.

First, you need to set up a DevOps platform configuration.

Import from Azure DevOps	Setup
Import from Bitbucket Cloud	Setup
Import from Bitbucket Server	Setup
Import from GitHub	Setup
Import from GitLab	Setup

Are you just testing or have an advanced use-case? Create a local project.

Create a local project

⚠ **Embedded database should be used for evaluation purposes only**
The embedded database will not scale, it will not support upgrading to newer versions of SonarQube, and there is no support for migrating your data out of it into a different database engine.

Create a local project

Project display name *

sonarqube-test ✅

Project key *

sonarqube-test ✅

Main branch name *

main

The name of your project's default branch **Learn More** ↗

Cancel   **Next**

SonarQube servers

If checked, job administrators will be able to inject a SonarQube server configuration as environment variables in the build.

☑ Environment variables

SonarQube installations
List of SonarQube installations

Name
sonarqube

Server URL
Default is http://localhost:9000
http://localhost:9000

Server authentication token
SonarQube authentication token. Mandatory when anonymous access is disabled.
- none -   ⌄

+ Add ⌄

Advanced ⌄

Save   Apply

Jenkins

Search (CTRL+K)

Harsh Jadhav

log out

New Item

Enter an item name

sonarqube

Select an item type

Freestyle project
Classic, general-purpose job type that checks out from up to one SCM, executes build steps serially, followed by post-build steps like archiving artifacts and sending email notifications.

Maven project
Build a maven project. Jenkins takes advantage of your POM files and drastically reduces the configuration.

Pipeline
Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.

Multi-configuration project
Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.

Folder
Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different

OK

Build Steps

≡ **Execute SonarQube Scanner** ✕

JDK ?

JDK to be used for this SonarQube analysis

(Inherit From Job)

Path to project properties ?

Analysis properties ?

Additional arguments ?

JVM Options ?

Configure

- ⚙ General
- ⑂ Source Code Management
- ⏱ Build Triggers
- 🌐 Build Environment
- ☰ Build Steps
- 📦 Post-build Actions

Build Steps

☰ **Execute SonarQube Scanner**   ✕

JDK ?

JDK to be used for this SonarQube analysis

(Inherit From Job) ▾

Path to project properties ?

Analysis properties ?

```
sonar.projectKey=sonarqube-test
sonar.login=admin
sonar.password=Harsh@240157
sonar.host.url=http://localhost:9000
```

Additional arguments ? ▾

JVM Options ? ▾

[Save] [Apply]

- 📄 Status
- </> Changes
- 🖥 Console Output
- 📝 Edit Build Information
- ⏱ Timings
- 🔧 Git Build Data
- ← Previous Build

✅ **Console Output**   [⬇ Download] [📋 Copy] [View as plain text]

```
Started by user Harsh Jadhav
Running as SYSTEM
Building on the built-in node in workspace C:\ProgramData\Jenkins\.jenkins\workspace\sonarqube
The recommended git tool is: NONE
No credentials specified
 > git.exe rev-parse --resolve-git-dir C:\ProgramData\Jenkins\.jenkins\workspace\sonarqube\.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 2.39.1.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
Commit message: "updated"
First time build. Skipping changelog.
Unpacking https://repo1.maven.org/maven2/org/sonarsource/scanner/cli/sonar-scanner-cli/6.2.1.4610/sonar-scanner-cli-6.2.1.4610.zip to
C:\ProgramData\Jenkins\.jenkins\tools\hudson.plugins.sonar.SonarRunnerInstallation\sonarqube on Jenkins
[sonarqube] $ C:\ProgramData\Jenkins\.jenkins\tools\hudson.plugins.sonar.SonarRunnerInstallation\sonarqube\bin\sonar-scanner.bat -Dsonar.host.url=http://localhost:9000 -
Dsonar.projectKey=sonarqube-test -Dsonar.login=admin -Dsonar.host.url=http://localhost:9000 -Dsonar.password=Harsh@240157 -
Dsonar.projectBaseDir=C:\ProgramData\Jenkins\.jenkins\workspace\sonarqube
20:41:21.096 WARN  Property 'sonar.host.url' with value 'http://localhost:9000' is overridden with value 'http://localhost:9000'
20:41:21.109 INFO  Scanner configuration file: C:\ProgramData\Jenkins\.jenkins\tools\hudson.plugins.sonar.SonarRunnerInstallation\sonarqube\bin\..\conf\sonar-
scanner.properties
20:41:21.111 INFO  Project root configuration file: NONE
```

- 📄 Status
- </> Changes
- 🖥 Console Output
- 📝 Edit Build Information
- 🗑 Delete build '#2'
- ⏱ Timings
- 🔧 Git Build Data
- ← Previous Build

✅ **#2 (Oct 15, 2024, 8:41:04 PM)**   [✏ Add description] [Keep this build forever]

⏱ Started by user **Harsh Jadhav**   Started 1 min 22 sec ago
                                                            Took **49 sec** on built-in

🌡 This run spent:
   - 0.6 sec waiting;
   - 49 sec build duration;
   - 49 sec total from scheduled to completion.

🔧 git **Revision**: f2bc042c04c6e72427c380bcaee6d6fee7b49adf
        Repository: https://github.com/shazforiot/MSBuild_firstproject.git
        - refs/remotes/origin/master

</> No changes.

☆ sonarqube-test / ↕ main ✓ ⌄ ？

Overview   Issues   Security Hotspots   Measures   Code   Activity   Project Settings ⌄   Project Information

main   Version **not provided** ·   🏠 Set as homepage

Quality Gate ⓘ
✓   **Passed**   Last analysis **1 minute ago**

⚠ The last analysis has warnings. <u>See details</u>

New Code   **Overall Code**

Security		Reliability		Maintainability	
0 Open issues	Ⓐ	**0** Open issues	Ⓐ	**0** Open issues	Ⓐ

Accepted issues		Coverage		Duplications	
0	🛡			**0.0%**	●
Valid issues that were not fixed		On **0** lines to cover.		On **86** lines.	

Security Hotspots
0   Ⓐ