



SonarQube

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SonarQube is now known as SonarQube Server - Version 10.7 | Released October 2024

Community Build

Free and open source for productivity & code quality

[Download for free](#)

All of the following features:

- ✓ Static code analysis for 20 languages and frameworks: Java, C#, JavaScript, TypeScript, CloudFormation, Terraform, Docker, Kubernetes, Helm Charts, Kotlin, Ruby, Go, Scala, Flex, Python, PHP, HTML, CSS, XML, VB.NET, and Azure Resource Manager
- ✓ Detect issues in AI generated code

Developer Edition

Essential capabilities for small teams & businesses

[Download](#)

Community Build, plus:

- ✓ Additional languages: C, C++, Obj-C, Dart/Flutter, Swift, ABAP, T-SQL and PL/SQL
- ✓ AutoConfig for C and C++ projects
- ✓ Taint analysis with deeper SAST for Java, C#, JavaScript, and TypeScript
- ✓ Detection of advanced

Enterprise Edition

Designed to meet Enterprise requirements

[Download](#)

Developer Edition, plus:

- ✓ Additional languages: Apex, COBOL, JCL, PL/I, RPG and VB6
- ✓ Unlimited integrations with DevOps platforms ⓘ
- ✓ Security engine custom configuration for more powerful taint analysis
- ✓ Custom rules to detect private secret patterns

Data Center Edition

For high availability, scalability, & performance

[Download](#)

Enterprise edition, plus:

- ✓ Autoscaling in a Kubernetes cluster
- ✓ Component redundancy
- ✓ Data resiliency
- ✓ Horizontal scalability
- ✓ High performance under extreme load
- ✓ Standard commercial support included

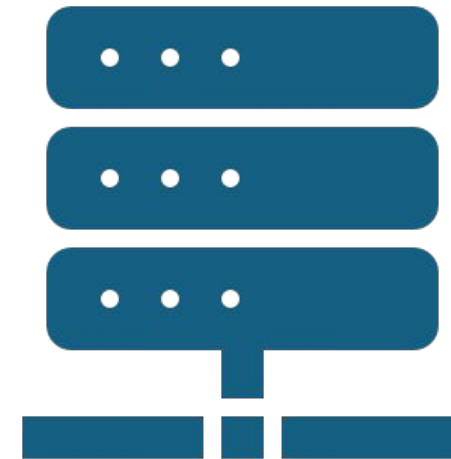
Czym jest SonarQube?

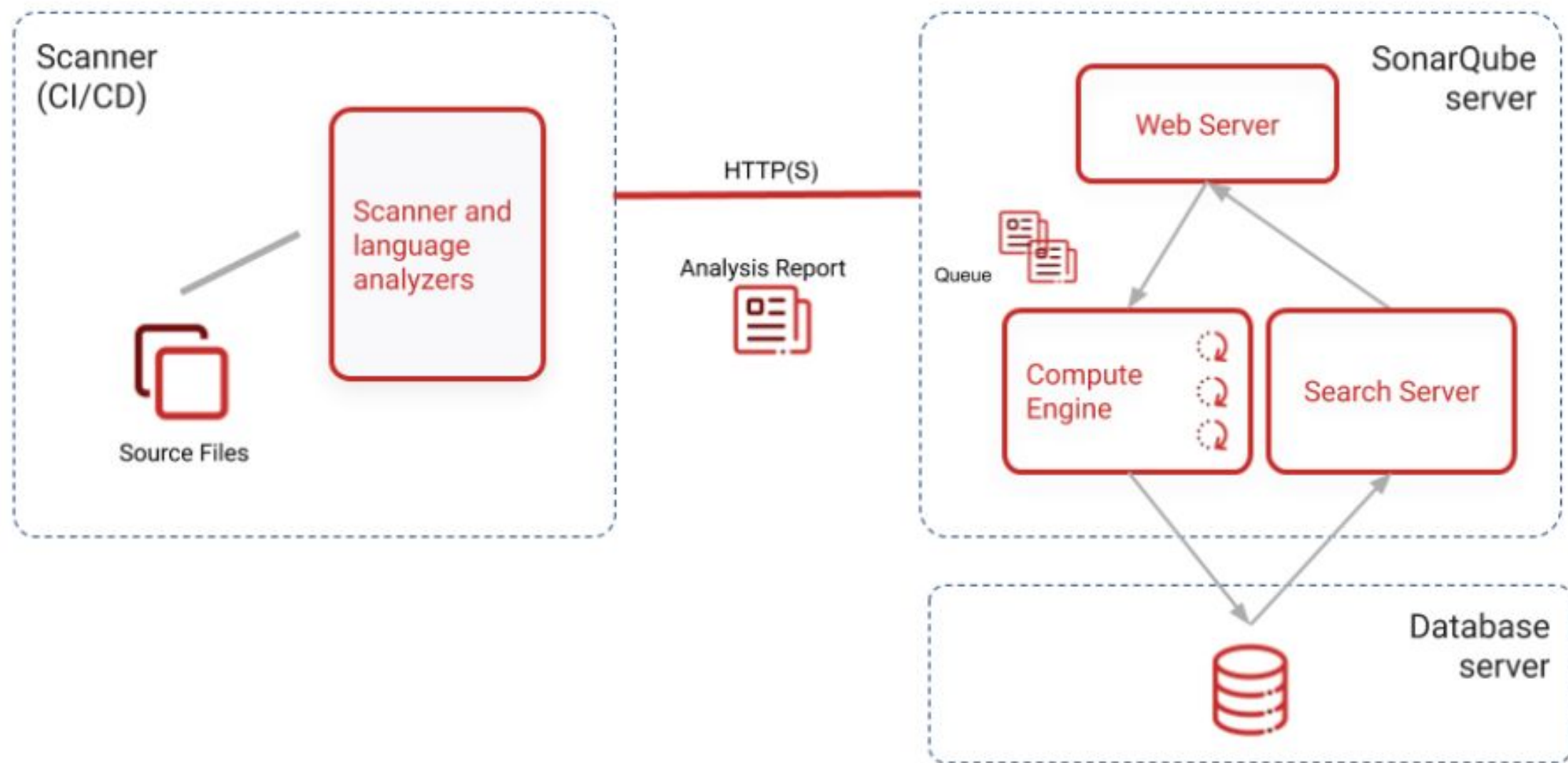
SonarQube - open source platforma , służy do kontroli jakości kodu

- Analiza jakości kodu
- Wykrywanie podatności
- Integracja z CI/CD
- Obsługa wielu języków programowania
- Wizualizacja i pulpity nawigacyjne
- Progi jakości
- Ekosystem wtyczek
- Informacja zwrotna dla deweloperów i integracja z IDE:

Jak SonarQube działa aka SonarQube architektura?

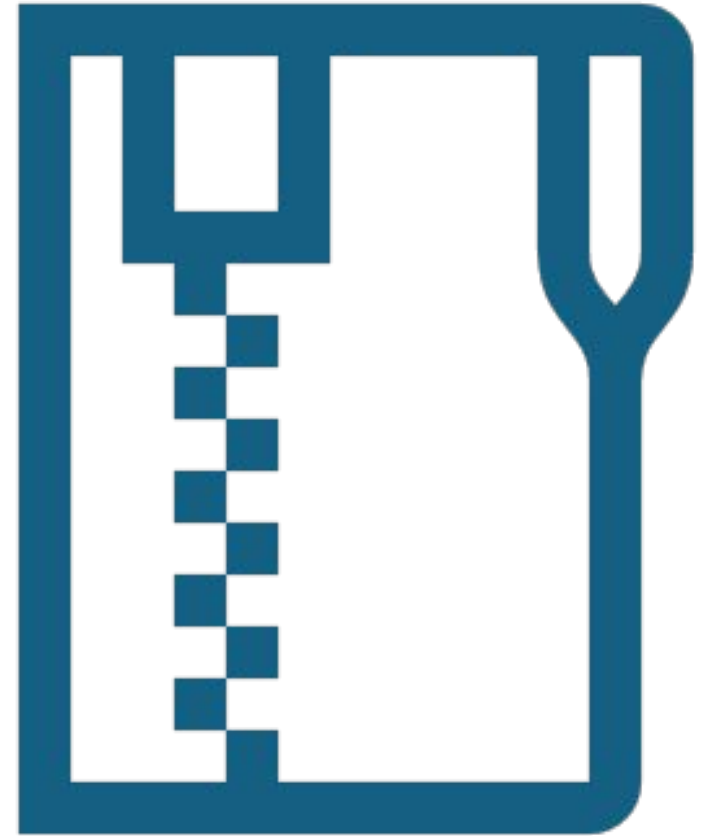
- Jeden serwer SonarQube uruchamia 3 główne procesy:
 - Web Server dla programistów i menedżerów, umożliwiający przeglądanie jakościowych migawek oraz konfigurację instancji SonarQube
 - Search Server oparty na Elasticsearch, wspierający wyszukiwania z interfejsu użytkownika.
 - Compute Engine Server odpowiedzialny za przetwarzanie raportów z analizy kodu i zapisywanie ich w bazie danych SonarQube
- Jedna baza danych SonarQube do przechowywania:
 - konfiguracji instancji SonarQube (ustawienia bezpieczeństwa, wtyczek itp.),
 - migawek jakości projektów, widoków itp.
- Wtyczki SonarQube zainstalowane na serwerze, mogące obejmować wtyczki do języków programowania, SCM, integracji, uwierzytelniania oraz zarządzania.
- Jeden lub więcej SonarScanners uruchomiony na komputerze





Installation roadmap

- Zainstaluj [SonarQube database](#).
- Zainstaluj SonarQube server z ustawieniami bazowymi. Możesz zainstalować stąd: [from the ZIP file](#) lub [from the Docker image](#).
- Opcjonalnie [advanced setup](#).





1. Pobierz Sonarqube (najlepiej wersję LTS)(wersja stabilna)



2. Pobierz SonarScanner , dodaj ścieżkę do SonarScanner'a do PATH



3. Włącz serwer Sonarqube
(.\sonarqube\bin\\(StartSonar.bat lub sonar.sh)



4. Zaloguj się do serwera na
<http://localhost:9000> (domyślnie login=admin, hasło=admin)

Trochę więcej o instalowaniu

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

1 of 2

Create a local project

Project display name *



Up to 255 characters. Some scanners might override the value you provide.

Project key *



The project key is a unique identifier for your project. It may contain up to 400 characters. Allowed characters are alphanumeric, '-' (dash), '_' (underscore), '.' (period) and ':' (colon), with at least one non-digit.

Main branch name *

The name of your project's default branch [Learn More](#) 

Cancel

Next

1 Provide a token

Generate a project token

Use existing token

Token name ?

yugfitnpumou

Expires in

30 days

Generate



Please note that this token will only allow you to analyze the current project. If you want to use the same token to analyze multiple projects, you need to generate a global token in your [user account](#). See the [documentation](#)  for more information.

The token is used to identify you when an analysis is performed. If it has been compromised, you can revoke it at any point in time in your [user account](#).

2 Run analysis on your project

What option best describes your project?

Maven

Gradle

.NET

Other (for JS, TS, Go, Python, PHP, ...)

What is your OS?

Linux

Windows

macOS

Download and unzip the Scanner for Linux

Visit the [official documentation of the Scanner](#) to download the latest version, and add the `bin` directory to the `PATH` environment variable

Execute the Scanner

Running a SonarQube analysis is straightforward. You just need to execute the following commands in your project's folder.

```
sonar-scanner \
  -Dsonar.projectKey=j-n \
  -Dsonar.sources=. \
  -Dsonar.host.url=http://localhost:9000 \
  -Dsonar.token=sqp_3cedf7d4262099eb8d400eb41d63a8b0d4f1077f
```

Please visit the [official documentation of the Scanner](#) for more details

My Favorites

All

Filters

Quality Gate

✓ Passed

1

✗ Failed

0

Security

A ≥ 0 info issues

1

B ≥ 1 minor issue

0

C ≥ 1 major issue

0

D ≥ 1 critical issue

0

E ≥ 1 blocker issue

0

Reliability

Create Project

Search for projects...

Perspective

Overall Status

Sort by

Name

1 project(s)

☆ Lemon-Pitaya salad Server PUBLIC

✓ Passed

Last analysis: 12 minutes ago · 144 Lines of Code · JavaScript, XML, ...

A 0

Security

A 0

Reliability

A 6

Maintainability

E 0.0%

Hotspots Reviewed

0.0%

Coverage

0.0%

Duplications

1 of 1 shown



Quality Gate

Passed

Last analysis 28 minutes ago

The last analysis has warnings. [See details](#)

New Code

Overall Code

Security

0 Open Issues

A

Reliability

0 Open issues

A

Maintainability

6 Open issues

A

Accepted issues

0

B

Valid issues that were not fixed

Coverage

0.0%



On 74 lines to cover.

Duplications

0.0%



On 165 lines.

Project Settings ▾

Project Informa

144 Lines of Code • Version **not provided**

La

ago

General Settings

New Code

Import / Export

Quality Profiles

Quality Gate

Links

Permissions

Background Tasks

Update Key

Webhooks

Deletion