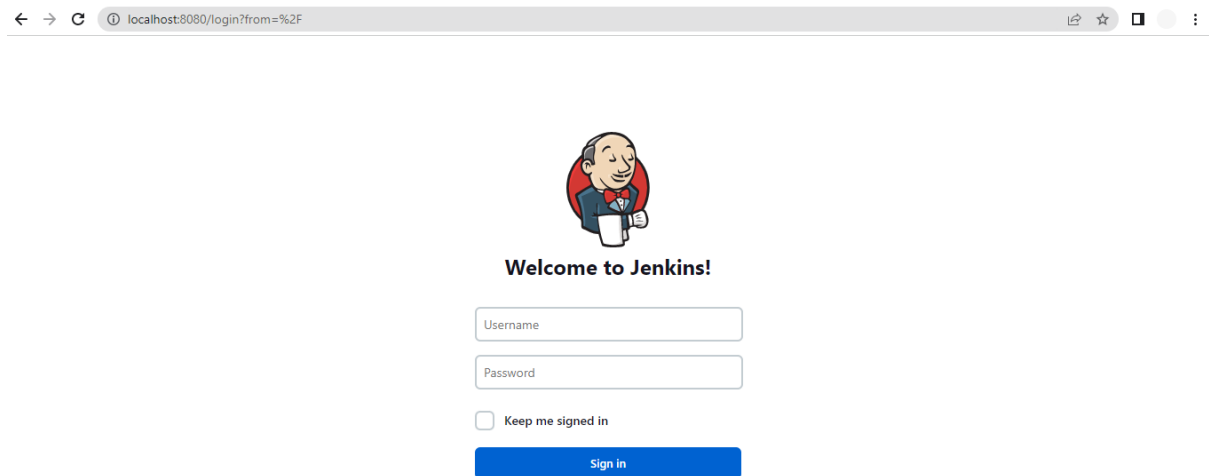


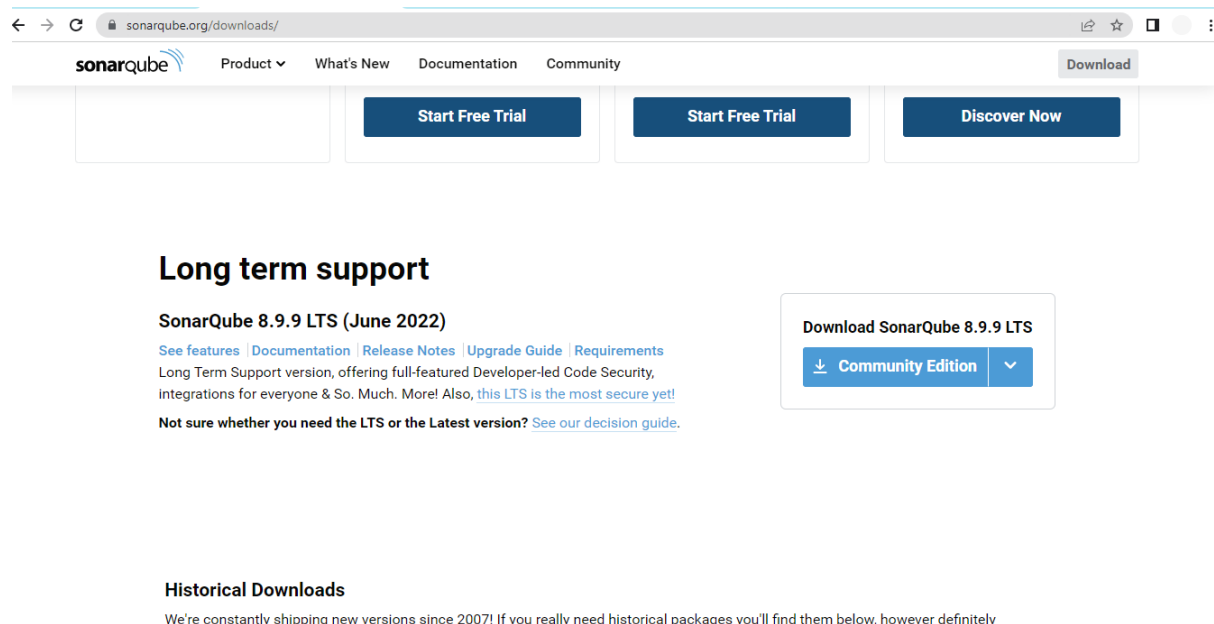
Procedure:

1: After the installation of Jenkins go localhost: 8080/login



A screenshot of a web browser showing the Jenkins login page. The address bar displays 'localhost:8080/login?from=%2F'. The page features the Jenkins logo (a cartoon man in a red bow tie) and the text 'Welcome to Jenkins!'. Below this, there are two input fields for 'Username' and 'Password'. A checkbox labeled 'Keep me signed in' is present, and a blue 'Sign in' button is at the bottom.

2: After that go to <https://www.sonarqube.org/downloads/> and download the community edition of it:



A screenshot of the SonarQube website's download page. The browser address bar shows 'sonarqube.org/downloads/'. The page has a navigation bar with links for 'Product', 'What's New', 'Documentation', 'Community', and a 'Download' button. Below the navigation bar, there are three buttons: 'Start Free Trial', 'Start Free Trial', and 'Discover Now'. The main content area is titled 'Long term support' and features a section for 'SonarQube 8.9.9 LTS (June 2022)'. This section includes links for 'See features', 'Documentation', 'Release Notes', 'Upgrade Guide', and 'Requirements'. It describes the LTS version as offering full-featured Developer-led Code Security, integrations for everyone & So. Much. More! Also, [this LTS is the most secure yet!](#). A note asks if the user is unsure whether they need the LTS or the Latest version, pointing to a [decision guide](#). To the right, there is a 'Download SonarQube 8.9.9 LTS' section with a button for 'Community Edition' and a dropdown arrow.

Long term support

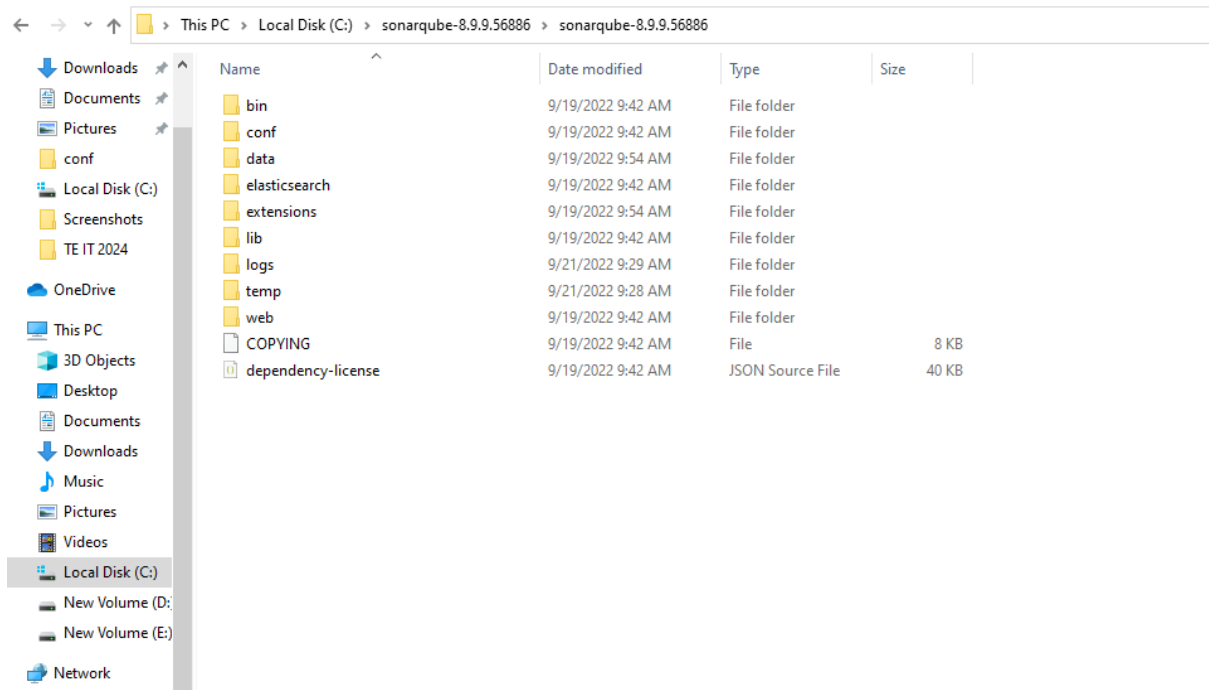
SonarQube 8.9.9 LTS (June 2022)
[See features](#) | [Documentation](#) | [Release Notes](#) | [Upgrade Guide](#) | [Requirements](#)
Long Term Support version, offering full-featured Developer-led Code Security, integrations for everyone & So. Much. More! Also, [this LTS is the most secure yet!](#)
Not sure whether you need the LTS or the Latest version? [See our decision guide](#).

Download SonarQube 8.9.9 LTS
↓ Community Edition ▼

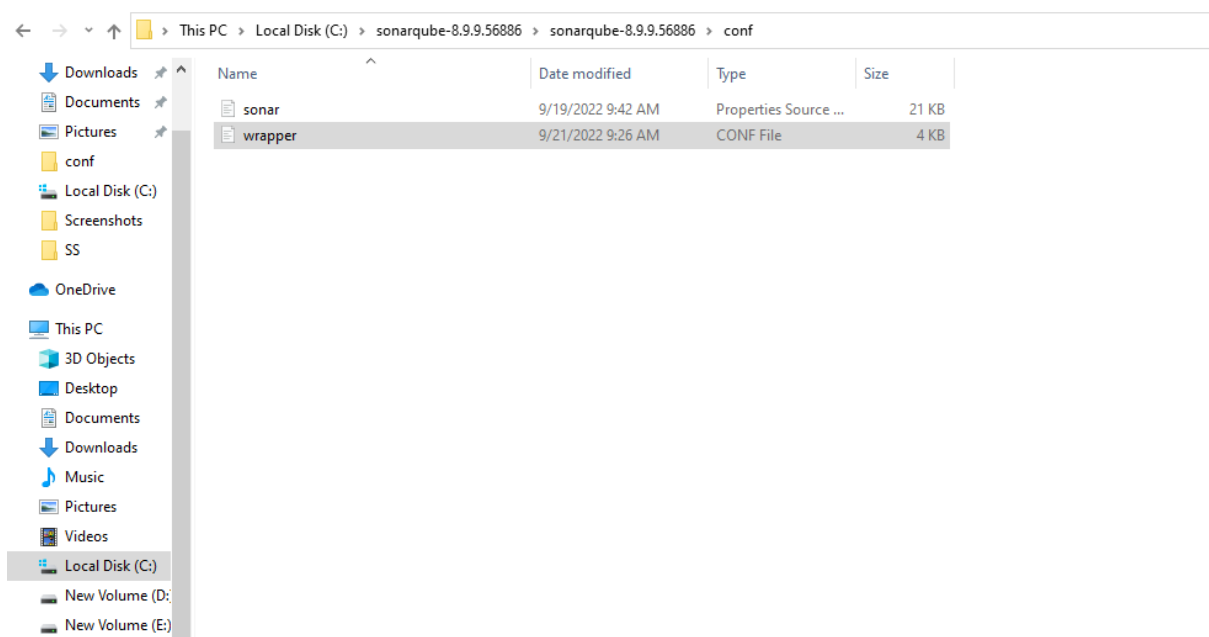
Historical Downloads

We're constantly shipping new versions since 2007! If you really need historical packages you'll find them below, however definitely

3: After download paste that folder into c:/program files:



4: After that go to conf/wrapper



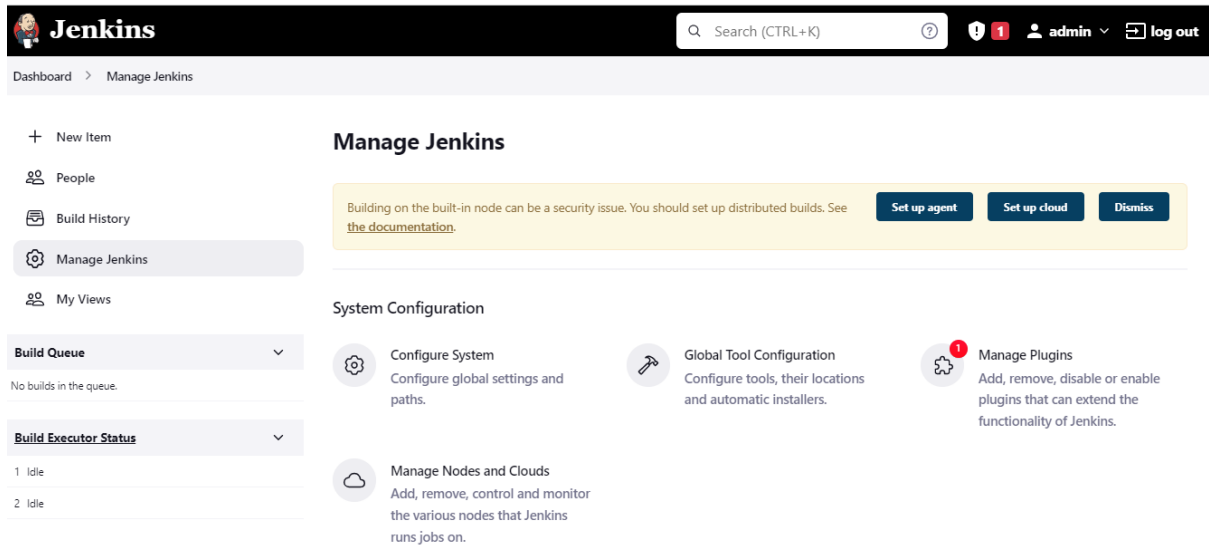
5: After that edit and paste the java path till bin

```
wrapper.conf X
C: > sonarqube-8.9.9.56886 > sonarqube-8.9.9.56886 > conf > wrapper.conf
1  # Path to JVM executable. By default it must be available in PATH.
2  # Can be an absolute path, for example:
3  #wrapper.java.command=/path/to/my/jdk/bin/java
4  wrapper.java.command=C:/Program Files/Java/jdk-17.0.4.1/bin/java
5
6
7  #
8  # DO NOT EDIT THE FOLLOWING SECTIONS
9  #
10
11
12  #*****
13  # Wrapper Java
14  #*****
15  wrapper.java.additional.1=-Dsonar.wrapped=true
16  wrapper.java.additional.2=-Djava.awt.headless=true
17  wrapper.java.mainclass=org.tanukisoftware.wrapper.WrapperSimpleApp
18  wrapper.java.classpath.1=../lib/sonar-application-8.9.9.56886.jar
19  wrapper.java.classpath.2=../lib/jsw/wrapper-3.2.3.jar
20  wrapper.java.classpath.3=../lib/sonar-shutdowner-8.9.9.56886.jar
21  wrapper.java.library.path.1=/lib
22  wrapper.app.parameter.1=org.sonar.application.App
23  wrapper.java.initmemory=8
24  wrapper.java.maxmemory=32
25
```

6: After that go to bin/window-x86-64 and then click on StartSonar:

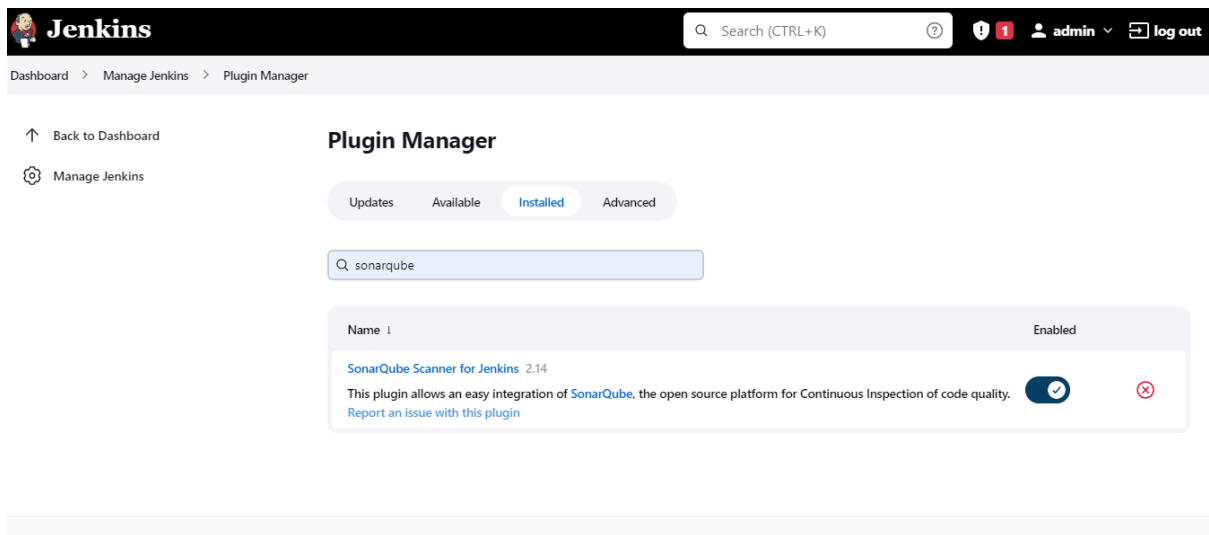
```
SonarQube
ityPerThread=0 -Dio.netty allocator.numDirectArenas=0 -Dlog4j.shutdownHookEnabled=false -Dlog4j2.disable.jmx=true -Dlog4j2.formatMsgNoLookups=true -Djava.locale.providers=COMPAT -Xmx512m -Xms128m -XX:MaxDirectMemorySize=256m -XX:+HeapDumpOnOutOfMemoryError -Delasticsearch -Des.path.home=C:\sonarqube-8.9.9.56886\sonarqube-8.9.9.56886\elasticsearch -Des.path.conf=C:\sonarqube-8.9.9.56886\sonarqube-8.9.9.56886\temp\conf\es -cp lib/* org.elasticsearch.bootstrap.Elasticsearch
jvm 1 | 2022.09.21 09:28:08 INFO app[[o.s.a.SchedulerImpl] Waiting for Elasticsearch to be up and running
jvm 1 | 2022.09.21 09:28:15 INFO app[[o.s.a.SchedulerImpl] Process[es] is up
jvm 1 | 2022.09.21 09:28:15 INFO app[[o.s.a.ProcessLauncherImpl] Launch process[[key='web', ipcIndex=2, logFilenamePrefix=web]] from [C:\sonarqube-8.9.9.56886\sonarqube-8.9.9.56886]: C:\Program Files\Java\jdk-17.0.4.1\bin\java -Djava.awt.headless=true -Dfile.encoding=UTF-8 -Djava.io.tmpdir=C:\sonarqube-8.9.9.56886\sonarqube-8.9.9.56886\temp -XX:-OmitStackTraceInFastThrow --add-opens=java.base/java.util=ALL-UNNAMED --add-opens=java.base/java.lang=ALL-UNNAMED --add-opens=java.base/java.io=ALL-UNNAMED --add-opens=java.rmi/sun.rmi.transport=ALL-UNNAMED -Xmx512m -Xms128m -XX:+HeapDumpOnOutOfMemoryError -Dhttp.nonProxyHosts=localhost|127.*|:::1 -cp ./lib/sonar-application-8.9.9.56886.jar;C:\sonarqube-8.9.9.56886\sonarqube-8.9.9.56886\lib\jdbc\h2\h2-1.4.199.jar org.sonar.server.app.WebServer C:\sonarqube-8.9.9.56886\sonarqube-8.9.9.56886\temp\sq-process1508165292892773646properties
jvm 1 | 2022.09.21 09:28:24 INFO app[[o.s.a.SchedulerImpl] Process[web] is up
jvm 1 | 2022.09.21 09:28:24 INFO app[[o.s.a.ProcessLauncherImpl] Launch process[[key='ce', ipcIndex=3, logFilenamePrefix=ce]] from [C:\sonarqube-8.9.9.56886\sonarqube-8.9.9.56886]: C:\Program Files\Java\jdk-17.0.4.1\bin\java -Djava.awt.headless=true -Dfile.encoding=UTF-8 -Djava.io.tmpdir=C:\sonarqube-8.9.9.56886\sonarqube-8.9.9.56886\temp -XX:-OmitStackTraceInFastThrow --add-opens=java.base/java.util=ALL-UNNAMED -Xmx512m -Xms128m -XX:+HeapDumpOnOutOfMemoryError -Dhttp.nonProxyHosts=localhost|127.*|:::1 -cp ./lib/sonar-application-8.9.9.56886.jar;C:\sonarqube-8.9.9.56886\sonarqube-8.9.9.56886\lib\jdbc\h2\h2-1.4.199.jar org.sonar.ce.app.CeServer C:\sonarqube-8.9.9.56886\sonarqube-8.9.9.56886\temp\sq-process8485810894616902040properties
jvm 1 | WARNING: A terminally deprecated method in java.lang.System has been called
jvm 1 | WARNING: System:setSecurityManager has been called by org.sonar.process.SecurityManagement (file:C:\sonarqube-8.9.9.56886\sonarqube-8.9.9.56886\lib\sonar-application-8.9.9.56886.jar)
jvm 1 | WARNING: Please consider reporting this to the maintainers of org.sonar.process.SecurityManagement
jvm 1 | WARNING: System:setSecurityManager will be removed in a future release
jvm 1 | 2022.09.21 09:28:27 INFO app[[o.s.a.SchedulerImpl] Process[ce] is up
jvm 1 | 2022.09.21 09:28:27 INFO app[[o.s.a.SchedulerImpl] SonarQube is up
```

7: Now go to the Jenkins dashboard :



The screenshot shows the Jenkins 'Manage Jenkins' dashboard. At the top, there's a header with the Jenkins logo, a search bar, and user information (admin, log out). Below the header, a breadcrumb trail shows 'Dashboard > Manage Jenkins'. The left sidebar contains navigation links: 'New Item', 'People', 'Build History', 'Manage Jenkins' (selected), and 'My Views'. The main content area is titled 'Manage Jenkins' and features a yellow warning banner about distributed builds. Below this, the 'System Configuration' section lists four options: 'Configure System', 'Global Tool Configuration', 'Manage Plugins' (with a red notification icon), and 'Manage Nodes and Clouds'. On the left, there are two expandable sections: 'Build Queue' (showing 'No builds in the queue.') and 'Build Executor Status' (showing two 'Idle' executors).

8: Go to manage Jenkins then plugin manager click on install search for sonarqube:



The screenshot shows the Jenkins 'Plugin Manager' interface. The header is the same as the previous dashboard. The breadcrumb trail is 'Dashboard > Manage Jenkins > Plugin Manager'. The left sidebar has 'Back to Dashboard' and 'Manage Jenkins'. The main content area is titled 'Plugin Manager' and has tabs for 'Updates', 'Available', 'Installed' (selected), and 'Advanced'. A search bar contains the text 'sonarqube'. Below the search bar, a table lists installed plugins. The first entry is 'SonarQube Scanner for Jenkins 2.14', which is described as allowing easy integration with SonarQube. It has an 'Enabled' toggle switch turned on and a red 'X' icon for reporting an issue.