

To install Jira:

Create a directory 'jirainstall' in local ubuntu machine:

Download the TAR version of Jira Software 11.1.1

Extract the TAR file:

```
deepa@ubuntu:~$ cd devops
deepa@ubuntu:~/devops$ pwd
/home/deepa/devops
deepa@ubuntu:~/devops$ mkdir jirainstall
deepa@ubuntu:~/devops$ cd jirainstall
deepa@ubuntu:~/devops/jirainstall$ sudo wget https://www.atlassian.com/software/jira/downloads/binary/atlassian-jira-software-11.1.1.tar.gz
[download] 2025-11-02 05:22:27 - https://www.atlassian.com/software/jira/downloads/binary/atlassian-jira-software-11.1.1.tar.gz
Resolving www.atlassian.com (www.atlassian.com) ... 13.227.180.4
Connecting to www.atlassian.com (www.atlassian.com) 13.227.180.4:443... connected.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://product-downloads.atlassian.com/software/jira/downloads/atlassian-jira-software-11.1.1.tar.gz
Reusing connection to www.atlassian.com (product-downloads.atlassian.com) ... 99.86.169.11, 2608:9000:2179:5206:1f:ab86:b54:f861, 2608:9000:2179:aa00:1f:ab86:b54:f861, ...
Connecting to product-downloads.atlassian.com (product-downloads.atlassian.com) 99.86.169.11:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 582434022 (559M) [application/x-tar]
Saving to: 'atlassian-jira-software-11.1.1.tar.gz'

atlassian-jira-software-11.1.1.tar.gz      100%=====> 555.45M  1.11MB/s   in 6m 39s
2025-11-02 05:29:16 (1.39 MB/s) - 'atlassian-jira-software-11.1.1.tar.gz' saved [582434022/582434022]

deepa@ubuntu:~/devops/jirainstall$ ls -ll
total 56878
-rw-r--r-- 1 root 582434022 Oct 15 02:43 atlassian-jira-software-11.1.1.tar.gz
deepa@ubuntu:~/devops/jirainstall$ ls
atlassian-jira-software-11.1.1.tar.gz
deepa@ubuntu:~/devops/jirainstall$ tar -xzf atlassian-jira-software-11.1.1.tar.gz
atlassian-jira-software-11.1.1-standalone/bin/configtest.sh
atlassian-jira-software-11.1.1-standalone/bin/digest.sh
atlassian-jira-software-11.1.1-standalone/bin/startup.sh
```

Create a Jira user to run :

verify ownership:

```
atlassian-jira-software-11.1.1-standalone/bin/atlassian-secrets-cli-6.0.5.jar
atlassian-jira-software-11.1.1-standalone/bin/bcprov-lts8on-2.73.8.jar
deepa@ubuntu:~/devops/jirainstall$ ls
atlassian-jira-software-11.1.1-standalone  atlassian-jira-software-11.1.1.tar.gz
deepa@ubuntu:~/devops/jirainstall$ ls /opt
az cni containerd
deepa@ubuntu:~/devops/jirainstall$ sudo mv atlassian-jira-software-11.1.1-standalone /opt/jira
deepa@ubuntu:~/devops/jirainstall$ sudo ls /opt/jira
atlassian-jira BUILDING.txt CONTRIBUTING.md lib logs README.html README.txt temp webapps
bin conf external-source licenses NOTICE README.md sbom tomcat-docs work
deepa@ubuntu:~/devops/jirainstall$ sudo adduser --system --home /opt/jira --group jira
Warning: The home dir /opt/jira you specified already exists.
Adding system user 'jira' (UID 129) ...
Adding new group 'jira' (GID 136) ...
Adding new user 'jira' (UID 129) with group 'jira' ...
The home directory '/opt/jira' already exists. Not copying from '/etc/skel'.
adduser: Warning: The home directory '/opt/jira' does not belong to the user you are currently creating.
deepa@ubuntu:~/devops/jirainstall$ sudo chown -R jira:jira /opt/jira
deepa@ubuntu:~/devops/jirainstall$ ls -ld /opt/jira
drwxr-xr-x 14 jira jira 4096 Oct 15 01:30 /opt/jira
deepa@ubuntu:~/devops/jirainstall$
```

Bin folder contents:

```
deepa@ubuntu:~/devops/jirainstall$ ls -l /opt/jira/bin
total 31764
-rwxr--r-x 1 jira jira 2175720 Oct 15 00:59 atlassian-secrets-cli-6.0.5.jar
-rwxr--r-x 1 jira jira 5760000 Oct 15 00:59 bcprov-lts8on-2.73.8.jar
-rwxr--r-x 1 jira jira 36385 Aug 4 06:14 bootstrap.jar
-rwxr--r-- 1 jira jira 16523 Oct 15 01:30 catalina.bat
-rwxr--r-x 1 jira jira 24509 Oct 15 01:30 catalina.sh
-rwxr--r-- 1 jira jira 16523 Oct 15 01:30 catalina.sh
-rwxr--r-- 1 jira jira 1942 Oct 15 00:31 check-java.bat
-rwxr--r-x 1 jira jira 21263 Aug 4 06:14 check-java.sh
-rwxr--r-- 1 jira jira 1947 Aug 4 06:14 cipher.bat
-rwxr--r-x 1 jira jira 26670 Aug 4 06:14 commons-daemon.jar
-rwxr--r-x 1 jira jira 702952 Oct 15 00:59 commons-lang3-3.18.0.jar
-rwxr--r-x 1 jira jira 1226 Oct 15 00:31 config.bat
-rwxr--r-x 1 jira jira 1221 Oct 15 00:31 config.bat
-rwxr--r-x 1 jira jira 2040 Aug 4 06:14 configtest.bat
-rwxr--r-x 1 jira jira 1922 Aug 4 06:14 configtest.sh
-rwxr--r-x 1 jira jira 8001 Aug 4 06:14 daemon.bat
-rwxr--r-x 1 jira jira 2001 Aug 4 06:14 digest.bat
-rwxr--r-x 1 jira jira 1965 Aug 4 06:14 digest.sh
-rwxr--r-- 1 jira jira 315 Oct 15 00:31 display-help.bat
-rwxr--r-x 1 jira jira 549 Oct 15 00:31 display-help.sh
-rwxr--r-x 1 jira jira 3815 Oct 15 00:31utdown-funcConfig.sh
-rwxr--r-x 1 jira jira 833 Oct 15 00:31 java-opens.txt
-rwxr--r-- 1 jira jira 566 Oct 15 00:31 jirabanner.txt
-rwxr--r-- 1 jira jira 13601 Oct 15 00:31 jira-xml-Configurator.jar
-rwxr--r-x 1 jira jira 3666 Aug 4 06:14 makebase.bat
-rwxr--r-x 1 jira jira 3382 Aug 4 06:14 makebase.sh
-rwxr--r-x 1 jira jira 2096 Aug 4 06:14 migrate.bat
-rwxr--r-x 1 jira jira 10570 Oct 15 01:30 migrate.sh
-rwxr--r-- 1 jira jira 3382 Aug 4 06:14 setclasspath.bat

-rwxr--r-x 1 jira jira 1970 Aug 4 06:14 migrate.sh
-rwxr--r-x 1 jira jira 10534 Oct 15 01:30 service.bat
-rwxr--r-x 1 jira jira 3187 Aug 4 06:14 setclasspath.bat
-rwxr--r-x 1 jira jira 3011 Aug 4 06:14 setenv.bat
-rwxr--r-x 1 jira jira 5163 Oct 15 00:31 setenv32.bat
-rwxr--r-x 1 jira jira 4780 Oct 15 00:31 setenv32.sh
-rwxr--r-- 1 jira jira 6159 Oct 15 00:31 setenv.bat
-rwxr--r-x 1 jira jira 5687 Oct 15 00:31 setenv.sh
-rwxr--r-x 1 jira jira 1290 Oct 15 00:31 set-gc-params.bat
-rwxr--r-x 1 jira jira 1280 Oct 15 00:31 set-gc-params-service.bat
-rwxr--r-x 1 jira jira 1395 Oct 15 00:31 set-gc-params.sh
-rwxr--r-- 1 jira jira 98 Oct 15 00:31 set-opens.bat
-rwxr--r-x 1 jira jira 85 Oct 15 00:31 shutdown.bat
-rwxr--r-x 1 jira jira 2020 Aug 4 06:14 shutdown.sh
-rwxr--r-- 1 jira jira 1902 Aug 4 06:14 shutdown.sh
-rwxr--r-x 1 jira jira 864 Oct 15 00:31 start-jira.bat
-rwxr--r-x 1 jira jira 1605 Oct 15 00:31 start-jira.sh
-rwxr--r-x 1 jira jira 2072 Aug 4 06:14 startup.bat
-rwxr--r-x 1 jira jira 1904 Aug 4 06:14 startup.sh
-rwxr--r-x 1 jira jira 83 Oct 15 00:31 stop-jira.bat
-rwxr--r-x 1 jira jira 854 Oct 15 00:31 stop-jira.sh
-rwxr--r-x 1 jira jira 3199488 Aug 4 06:14 tcnative-2.dll
-rwxr--r-x 1 jira jira 4606 Aug 4 06:14 tomcat10.exe
-rwxr--r-x 1 jira jira 152944 Oct 15 01:30 tomcat10.exe.x64
-rwxr--r-x 1 jira jira 152944 Oct 15 01:30 tomcat10.exe.x64.exe
-rwxr--r-- 1 jira jira 136048 Aug 4 06:14 tomcat10w.exe
-rwxr--r-- 1 jira jira 5198 Aug 4 06:14 tomcatjuli.jar
-rwxr--r-x 1 jira jira 6223 Aug 4 06:14 tomcat-wrapper.bat
-rwxr--r-x 1 jira jira 4600 Aug 4 06:14 tool-wrapper.sh
-rwxr--r-x 1 jira jira 112 Oct 15 00:31 user.sh
-rwxr--r-x 1 jira jira 2026 Aug 4 06:14 version.bat
-rwxr--r-x 1 jira jira 1908 Aug 4 06:14 version.sh
deepa@ubuntu:~/devops/jirainstall$ sudo vi /opt/jira/conf/server.xml
deepa@ubuntu:~/devops/jirainstall$
```

Run Jira:

```
deepa@ubuntu:~/devops/jirainstall$ 
deepa@ubuntu:~/devops/jirainstall$ sudo vi /opt/jira/conf/server.xml
deepa@ubuntu:~/devops/jirainstall$ sudo -u jira /opt/jira/bin/stop-jira.sh
executing as current user

   `sXXXXXXXXXXXXXXXXXX+
   MMMXXXXXXXXXXXXX+
   :sdXXXXXXXXXXXX+
   :sXXXXXXXXXXXX+ MXXXXX
   `sXXXXXXXXXXXX+ MXXXXX
   +MXXXXX
   :sXXXXXXXXXXXX MXXXXX
   MXXXXX   UOJ
   sXXXXXXXXXXXX+ MXXXXX
   MXXXXX+MXXXXX
   :sdXXXXXXXXXXXX MXXXXX
   MXXXXX
   +MXXXXX
   MXXXXX
   `UOJ

Atlassian Jira
Version : 11.1.1

If you encounter issues starting or stopping Jira, please see the Troubleshooting guide at https://docs.atlassian.com/jira/jadm-docs-111/Troubleshooting+installation

Server startup logs are located in /opt/jira/logs/catalina.out
Using CATALINA_BASE:  /opt/jira
Using CATALINA_HOME:  /opt/jira
Using CATALINA_TMPDIR: /opt/jira/temp
Using JRE_HOME:      /usr
Using CLASSPATH:     /opt/jira/bin/bootstrap.jar:/opt/jira/bin/tomcat-juli.jar
Using CATALINA_OPTS: -Xms384m -Xm2048m
Using CATALINA_PID:  /opt/jira/work/catalina.pid
$CATALINA_PID was set but the specified file does not exist. Is Tomcat running? Stop aborted.
```

```
deepa@ubuntu:~/devops/jirainstall$ sudo -u jira /opt/jira/bin/start-jira.sh
To run Jira in the foreground, start the server with start-jira.sh -fg
executing as current user

   `sXXXXXXXXXXXXXXXXXX+
   MMMXXXXXXXXXXXXX+
   :sdXXXXXXXXXXXX+
   :sXXXXXXXXXXXX+ MXXXXX
   `sXXXXXXXXXXXX+ MXXXXX
   +MXXXXX
   :sXXXXXXXXXXXX MXXXXX
   MXXXXX   UOJ
   sXXXXXXXXXXXX+ MXXXXX
   MXXXXX+MXXXXX
   :sdXXXXXXXXXXXX MXXXXX
   MXXXXX
   +MXXXXX
   MXXXXX
   `UOJ

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Version : 11.1.1

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Server startup logs are located in /opt/jira/logs/catalina.out
Using CATALINA_BASE:  /opt/jira
Using CATALINA_HOME:  /opt/jira
Using CATALINA_TMPDIR: /opt/jira/temp
Using JRE_HOME:      /usr
Using CLASSPATH:     /opt/jira/bin/bootstrap.jar:/opt/jira/bin/tomcat-juli.jar
Using CATALINA_OPTS: -Xms384m -Xm2048m
Using CATALINA_PID:  /opt/jira/work/catalina.pid
Tomcat started.
deepa@ubuntu:~/devops/jirainstall$ sudo lsof -i :8082
deepa@ubuntu:~/devops/jirainstall$
```

Steps to change Jira's port (from 8080 → 8082), **server.xml** file in Jira (which uses Apache Tomcat) to contain *multiple <Connector> elements but they are commented out*, and restart in foreground

```
deepa@ubuntu:~/devops/jirainstall$ sudo lsof -i :8082
deepa@ubuntu:~/devops/jirainstall$ grep "Connector port" /opt/jira/conf/server.xml
<Connector port="8082" relaxedPathChars="[]|{}|^&#x5c;&#x60;&quot;&lt;&gt;">
<Connector port="8080" relaxedPathChars="[]|{}|^&#x5c;&#x60;&quot;&lt;&gt;">
<Connector port="8080" relaxedPathChars="[]|{}|^&#x5c;&#x60;&quot;&lt;&gt;">
<Connector port="8089" URIEncoding="UTF-8" enableLookups="false" protocol="AJP/1.3"/>
deepa@ubuntu:~/devops/jirainstall$ sudo vi /opt/jira/conf/server.xml
deepa@ubuntu:~/devops/jirainstall$ sudo -u jira /opt/jira/bin/start-jira.sh
To run Jira in the foreground, start the server with start-jira.sh -fg
executing as current user

   `sXXXXXXXXXXXXXXXXXX+
   MMMXXXXXXXXXXXXX+
   :sdXXXXXXXXXXXX+
   :sXXXXXXXXXXXX+ MXXXXX
   `sXXXXXXXXXXXX+ MXXXXX
   +MXXXXX
   :sXXXXXXXXXXXX MXXXXX
   MXXXXX   UOJ
   sXXXXXXXXXXXX+ MXXXXX
   MXXXXX+MXXXXX
   :sdXXXXXXXXXXXX MXXXXX
   MXXXXX
   +MXXXXX
   MXXXXX
   `UOJ

Atlassian Jira
Version : 11.1.1

If you encounter issues starting or stopping Jira, please see the Troubleshooting guide at https://docs.atlassian.com/jira/jadm-docs-111/Troubleshooting+installation
```

Jira is running. Tomcat **failed during startup**, likely due to a configuration issue (so Jira didn't finish starting yet).

confirm the **exact cause** from the logs:

```

Server startup logs are located in /opt/jira/logs/catalina.out
Using CATALINA_BASE: /opt/jira
Using CATALINA_HOME: /opt/jira
Using CATALINA_TMPDIR: /opt/jira/temp
Using JRE HOME: /usr
Using CLASSPATH: /opt/jira/bin/bootstrap.jar:/opt/jira/bin/tomcat-juli.jar
HTTP port: 8080, HTTPS: ->8443, -Xmx2048m
Using CATALINA_PID: /opt/jirawork/catalina.pid
Existing PID file found during start.
Removing/clearing stale PID file.

Tomcat started.

deepa@ubuntu:~/devops/jirainstall$ deepa@ubuntu:~/devops/jirainstall$ sudo lsof -i :8082
deepa@ubuntu:~/devops/jirainstall$ sudo lsof -i :8080
COMMAND   PID   USER   FD   TYPE DEVICE SIZE/OFF NODE NAME
java    6357 jenkins  8u  TCP    0.0.0.0:8080          0.0.0.0:*      LISTEN
deepa@ubuntu:~/devops/jirainstall$ tail -f /opt/jira/logs/catalina.out
tail: cannot open '/opt/jira/logs/catalina.out' for reading: Permission denied
tail: no files remaining
deepa@ubuntu:~/devops/jirainstall$ sudo tail -f /opt/jira/logs/catalina.out
at org.apache.catalina.util.LifecycleBase.destroy(LifecycleBase.java:298)
at org.apache.catalina.core.StandardServer.destroyInternal(StandardServer.java:965)
at org.apache.catalina.util.LifecycleBase.destroy(LifecycleBase.java:298)
at org.apache.catalina.startup.Catalina.start(Catalina.java:765)
at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.base/java.lang.reflect.Method.invoke(Method.java:569)
at org.apache.catalina.startup.Bootstrap.start(Bootstrap.java:345)
at org.apache.catalina.startup.Bootstrap.main(Bootstrap.java:476)
^C
deepa@ubuntu:~/devops/jirainstall$


deepa@ubuntu:~/devops/jirainstall$ ps -ef | grep java
jenkins  6357  1  4 05:10 7 0 0:02:16 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=/var/cache/jenkins/war --httpPort=8080
deepa  86841 14327  0 06:07 pts/0 0:00:00 grep --color=auto java
deepa@ubuntu:~/devops/jirainstall$ deepa@ubuntu:~/devops/jirainstall$ sudo grep -A 10 "SEVERE" /opt/jira/logs/catalina.out
02-Nov-2025 05:51:34.574 SEVERE [main] org.apache.catalina.core.ContainerBase.startInternal A child container failed during start
java.util.concurrent.ExecutionException: org.apache.catalina.LifecycleException: Failed to start component [StandardEngine[Catalina].StandardHost[localhost].StandardContext[]]
at java.base/java.util.concurrent.FutureTask.report(FutureTask.java:222)
at java.base/java.util.concurrent.FutureTask.get(FutureTask.java:191)
at org.apache.catalina.core.ContainerBase.startInternal(ContainerBase.java:756)
at org.apache.catalina.core.StandardHost.startInternal(StandardHost.java:772)
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:164)
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:1203)
at java.base/java.util.concurrent.FutureTask.run(FutureTask.java:264)
at java.base/java.util.concurrent.ThreadPoolExecutor.executeInLineExecutorService.execute(InlineExecutorService.java:75)
02-Nov-2025 05:51:34.577 SEVERE [main] org.apache.catalina.core.ContainerBase.startInternal A child container failed during start
java.util.concurrent.ExecutionException: org.apache.catalina.LifecycleException: A child container failed during start
at java.base/java.util.concurrent.FutureTask.report(FutureTask.java:222)
at java.base/java.util.concurrent.FutureTask.get(FutureTask.java:191)
at org.apache.catalina.core.ContainerBase.startInternal(ContainerBase.java:756)
at org.apache.catalina.core.StandardEngine.startInternal(StandardEngine.java:203)
at org.apache.catalina.core.StandardService.startInternal(StandardService.java:101)
at org.apache.catalina.core.StandardService.startInternal(StandardService.java:412)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:164)
at org.apache.catalina.core.StandardServer.startInternal(StandardServer.java:870)
at org.apache.catalina.core.StandardServer.start(LifecycleBase.java:164)
02-Nov-2025 05:51:34.577 SEVERE [main] org.apache.catalina.startup.Catalina.start The required Server component failed to start so Tomcat is unable to start.
org.apache.catalina.LifecycleException: A child container failed during start
at org.apache.catalina.core.ContainerBase.startInternal(ContainerBase.java:768)
at org.apache.catalina.core.StandardHost.startInternal(StandardHost.java:283)
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:164)
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:1203)
at java.base/java.util.concurrent.FutureTask.run(FutureTask.java:264)
at org.apache.tomcat.util.threads.InlineExecutorService.execute(InlineExecutorService.java:75)
02-Nov-2025 06:01:21.595 SEVERE [main] org.apache.catalina.core.ContainerBase.startInternal A child container failed during start
java.util.concurrent.ExecutionException: org.apache.catalina.LifecycleException: A child container failed during start
at java.base/java.util.concurrent.FutureTask.report(FutureTask.java:222)
at java.base/java.util.concurrent.FutureTask.get(FutureTask.java:191)
at org.apache.catalina.core.ContainerBase.startInternal(ContainerBase.java:756)
at org.apache.catalina.core.StandardEngine.startInternal(StandardEngine.java:203)
at org.apache.catalina.core.StandardService.startInternal(StandardService.java:412)
at org.apache.catalina.core.StandardService.startInternal(StandardService.java:412)
at org.apache.catalina.core.StandardServer.startInternal(StandardServer.java:870)
at org.apache.catalina.core.StandardServer.start(LifecycleBase.java:164)
02-Nov-2025 06:01:21.598 SEVERE [main] org.apache.catalina.startup.Catalina.start The required Server component failed to start so Tomcat is unable to start.
org.apache.catalina.LifecycleException: A child container failed during start
at org.apache.catalina.core.ContainerBase.startInternal(ContainerBase.java:768)
at org.apache.catalina.core.StandardEngine.startInternal(StandardEngine.java:203)
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:164)
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:1203)
at java.base/java.util.concurrent.FutureTask.run(FutureTask.java:264)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:164)
at org.apache.catalina.core.StandardServer.startInternal(StandardServer.java:870)
at org.apache.catalina.core.StandardServer.start(LifecycleBase.java:164)
02-Nov-2025 06:01:21.598 SEVERE [main] org.apache.catalina.startup.Catalina.start The required Server component failed to start so Tomcat is unable to start.
org.apache.catalina.LifecycleException: A child container failed during start
at org.apache.catalina.core.ContainerBase.startInternal(ContainerBase.java:768)
at org.apache.catalina.core.StandardEngine.startInternal(StandardEngine.java:203)
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:164)
at org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:1203)
at java.base/java.util.concurrent.FutureTask.run(FutureTask.java:264)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:164)
at org.apache.catalina.core.StandardServer.startInternal(StandardServer.java:870)
at org.apache.catalina.core.StandardServer.start(LifecycleBase.java:164)
at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
deepa@ubuntu:~/devops/jirainstall$ deepa@ubuntu:~/devops/jirainstall$ sudo grep "Caused by" /opt/jira/logs/catalina.out | tail -n 10
Caused by: java.lang.UnsupportedClassVersionError: com/atlassian/jira/JiraServiceContext has been compiled by a more recent version of the Java Runtime (class file version 65.0) than this version of the Java Runtime only recognizes class file versions up to 61.0 (unable to load class [com.atlassian.jira.bc.JiraServiceContext])
Caused by: org.apache.catalina.LifecycleException: A child container failed during start
Caused by: java.util.concurrent.ExecutionException: org.apache.catalina.LifecycleException: Failed to start component [StandardEngine[Catalina].StandardHost[localhost].StandardContext[]]
Caused by: org.apache.catalina.LifecycleException: Failed to start component [StandardEngine[Catalina].StandardHost[localhost].StandardContext[]]
Caused by: java.lang.UnsupportedClassVersionError: com/atlassian/jira/JiraServiceContext has been compiled by a more recent version of the Java Runtime (class file version 65.0) than this version of the Java Runtime only recognizes class file versions up to 61.0 (unable to load class [com.atlassian.jira.bc.JiraServiceContext])
Caused by: org.apache.catalina.LifecycleException: Failed to start component [StandardEngine[Catalina].StandardHost[localhost].StandardContext[]]

```

Jira 11.1.1 was compiled using Java 21 (class file version 65.0)

current system is running Java 17 (class file version 61.0)

So Java runtime is **old**.

```
le version 65.0), this version of the Java Runtime only recognizes class file versions up to 61.0 (unable to load class [com.atlassian.jira.bc.JiraServiceContext])
    Caused by: java.util.concurrent.ExecutionException: org.apache.catalina.LifecycleException: A child container failed during start
        Caused by: org.apache.catalina.LifecycleException: A child container failed during start
        Caused by: java.util.concurrent.ExecutionException: org.apache.catalina.LifecycleException: Failed to start component [StandardEngine[Catalina].StandardHost[localhost].StandardContext[]]
            Caused by: org.apache.catalina.LifecycleException: Failed to start component [StandardEngine[Catalina].StandardHost[localhost].StandardContext[]]
                Caused by: java.lang.UnsupportedClassVersionError: com/atlassian/jira/bc/jiraServiceContext has been compiled by a more recent version of the Java Runtime (class fi
le version 65.0), this version of the Java Runtime only recognizes class file versions up to 61.0 (unable to load class [com.atlassian.jira.bc.JiraServiceContext])
deep@ubuntu:~/devops/jira$ apt update
```

Upgrade to Java 21 (or newer)

```
deepa@ubuntu:~/devops/jirainstall$ sudo apt update
Get:1 http://security.ubuntu.com/ubuntu focal-security InRelease [128 kB]
Hit:2 https://packages.microsoft.com/repos/azure-cli focal InRelease
Get:3 https://apt.releases.hashicorp.com jammy InRelease [12.9 kB]
Hit:4 http://ppa.launchpad.net/ansible/ansible/ubuntu focal InRelease
Hit:5 http://ppa.launchpad.net/deadsnakes/ppa/ubuntu focal InRelease
Ign:7 https://pkg.jenkins.io/debian-stable binary/ InRelease
Hit:8 https://pkg.jenkins.io/debian-stable binary/ Release
Hit:6 https://prod-cdn.packages.k8s.io/repositories/isv/kubernetes/core/stable/v1.30/deb InRelease
Get:9 https://apt.releases.hashicorp.com jammy/main amd64 Packages [208 kB]
Get:10 http://security.ubuntu.com/ubuntu focal-security/main amd64 DEP-11 Metadata [74.6 kB]
Get:12 http://security.ubuntu.com/ubuntu focal-security/restricted amd64 DEP-11 Metadata [212 B]
Get:13 http://security.ubuntu.com/ubuntu focal-security/universe amd64 DEP-11 Metadata [160 kB]
Get:14 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 DEP-11 Metadata [940 B]
Hit:15 http://us.archive.ubuntu.com/ubuntu focal InRelease
Get:16 http://us.archive.ubuntu.com/ubuntu focal-updates InRelease [128 kB]
Get:17 http://us.archive.ubuntu.com/ubuntu focal-backports InRelease [128 kB]
Get:18 http://us.archive.ubuntu.com/ubuntu focal-updates/main amd64 DEP-11 Metadata [276 kB]
Get:19 http://us.archive.ubuntu.com/ubuntu focal-updates/restricted amd64 DEP-11 Metadata [212 B]
Get:20 http://us.archive.ubuntu.com/ubuntu focal-updates/universe amd64 DEP-11 Metadata [446 kB]
Get:21 http://us.archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 DEP-11 Metadata [940 B]
Get:22 http://us.archive.ubuntu.com/ubuntu focal-backports/main amd64 DEP-11 Metadata [7,972 B]
Get:23 http://us.archive.ubuntu.com/ubuntu focal-backports/restricted amd64 DEP-11 Metadata [212 B]
Get:24 http://us.archive.ubuntu.com/ubuntu focal-backports/universe amd64 DEP-11 Metadata [30.5 kB]
Get:25 https://us.archive.ubuntu.com/ubuntu focal-backports/multiverse amd64 DEP-11 Metadata [212 B]
Fetched 1,601 kB in 11s (151 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
81 packages can be upgraded. Run 'apt list --upgradable' to see them.
deepa@ubuntu:~/devops/jirainstall$ sudo apt install openjdk-21-jdk -y
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following package was automatically installed and is no longer required:
  gir1.2-goa-1.0
Use 'sudo apt autoremove' to remove it.
The following additional packages will be installed:
  openjdk-21-jdk-headless openjdk-21-jre openjdk-21-jre-headless
Suggested packages:
  openjdk-21-demo openjdk-21-source visualvm fonts-ipafont-gothic fonts-ipafont-mincho fonts-wqy-microhei | fonts-wqy-zenhei
The following NEW packages will be installed:
```

```
deepo@ubuntu:~/devops/jirainstall$ deepo@ubuntu:~/devops/jirainstall$ sudo -u jira /opt/jira/bin/stop-jira.sh
executing as current user

          ` sMXXXXXXXXXXXXXXXXX+
           MMXXXXXXXXXXXXX
           :dXXXXXXXXXXXXX
           MXXXXXX
` sXXXXXXXXXXXXXXXXXXXX+  MXXXXXX
 MXXXXXXXXXXXXXXXXXXXX +XXXXXX
:sdXXXXXXXXXXXXXXXXXXXX MXXXXXX
 MXXXXXXXXXXXXXXXXXXXX +XXXXXX
 MXXXXXX
 +XXXXXX
 MXXXXXX
` UOJ

Atlassian Jira
Version : 11.1.1

If you encounter issues starting or stopping Jira, please see the Troubleshooting guide at https://docs.atlassian.com/jira/jadm-docs-111/Troubleshooting+installation

Server startup logs are located in /opt/jira/logs/catalina.out
Using CATALINA_BASE: /opt/jira
Using CATALINA_HOME: /opt/jira
Using CATALINA_TMPDIR: /opt/jira/temp
Using JRE_HOME: /usr/lib/jvm/java-21-openjdk-amd64
Using CLASSPATH: /opt/jira/lib/bootstrap.jar:/opt/jira/bin/tomcat-juli.jar
Using CATALINA_OPTS: -Xms3048m -Xmx2048m
Using CATALINA_PID: /opt/jira/work/catalina.pid
PID file found but either no matching process was found or the current user does not have permission to stop the process. Stop aborted.
deepo@ubuntu:~/devops/jirainstall$ sudo -u jira /opt/jira/bin/start-jira.sh
```

```
deepa@ubuntu:~/devops/jiraInstall$ sudo lsof -i :8082
COMMAND PID USER FD TYPE DEVICE SIZE/OFF NODE NAME
java 109171 jira 235u IPv6 639233 0t0 TCP *:8082 (LISTEN)
deepa@ubuntu:~/devops/jiraInstall$ ifconfig
br-0ce0b5e80f47: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
        inet 172.21.0.1 netmask 255.255.0.0 broadcast 172.21.255.255
                inet6 fe80::1 prefixlen 64 scopeid 0x20<link>
br-0ce0b5e80f47: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
        inet 172.21.0.1 netmask 255.255.0.0 broadcast 172.21.255.255
                inet6 fe80::42:a3ff:fe06:791b prefixlen 64 scopeid 0x20<link>
br-0ce0b5e80f47: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
        inet 172.21.0.1 netmask 255.255.0.0 broadcast 172.21.255.255
                inet6 fe80::2d:42ff:fe06:791b txqueuelen 0 (Ethernet)
                      RX packets 0 bytes 0 (0.0 B)
                      RX errors 0 dropped 0 overruns 0 frame 0
                      TX packets 0 bytes 0 (0.0 B)
                      TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

br-38bab6261446: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
        inet 172.18.0.1 netmask 255.255.0.0 broadcast 172.18.255.255
                ether 02:42:b4:1f:bc:43 txqueuelen 0 (Ethernet)
                      RX packets 0 bytes 0 (0.0 B)
                      RX errors 0 dropped 0 overruns 0 frame 0
                      TX packets 0 bytes 0 (0.0 B)
                      TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

br-4502a2f3944f: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
        inet 172.25.0.1 netmask 255.255.0.0 broadcast 172.25.255.255
                ether 02:42:0b:96:3c:f8 txqueuelen 0 (Ethernet)
                      RX packets 0 bytes 0 (0.0 B)
                      RX errors 0 dropped 0 overruns 0 frame 0
                      TX packets 0 bytes 0 (0.0 B)
                      TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

br-7dc4a66a9e20: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
        inet 192.168.49.1 netmask 255.255.255.0 broadcast 192.168.49.255
                ether 02:42:b5:b2:d0:ea txqueuelen 0 (Ethernet)
                      RX packets 0 bytes 0 (0.0 B)
                      RX errors 0 dropped 0 overruns 0 frame 0
                      TX packets 0 bytes 0 (0.0 B)
                      TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

br-ad2a8e7d1c68: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
        inet 172.20.0.1 netmask 255.255.0.0 broadcast 172.20.255.255
```

defining Jira home directory: edit the file: Add line : `jira.home = /var/atlassian/application-data/jira`

```
[deepa@ubuntu:~/devops/jirainstall]$ sudo mkdir -p /var/atlassian/application-data/jira
[deepa@ubuntu:~/devops/jirainstall$ Sorry, try again.
[deepa@ubuntu:~/devops/jirainstall$ [deepa@ubuntu:~/devops/jirainstall$ [deepa@ubuntu:~/devops/jirainstall$ sudo vi /opt/jira/atlassian-jira/WEB-INF/classes/jira-application.properties
[deepa@ubuntu:~/devops/jirainstall$ [deepa@ubuntu:~/devops/jirainstall$ sudo -u jira /opt/jira/bin/stop-jira.sh
executing as current user

      ``SMWooooooooooooo+`+Mooooooooooooo
      :sdMooooooooooooo
      Mooooooooooooo
      `SMWooooooooooooo+`+Mooooooooooooo
      Mooooooooooooo
      :sdMooooooooooooo
      Mooooooooooooo
      ``UOJ
      `SMWooooooooooooo+`+Mooooooooooooo
      Mooooooooooooo
      :sdMooooooooooooo
      Mooooooooooooo
      ``UOJ
      Mooooooooooooo
      Mooooooooooooo
      +Mooooooooooooo
      Mooooooooooooo
      +Mooooooooooooo
      Mooooooooooooo
      ``UOJ

Atlassian Jira
Version : 11.1.1

If you encounter issues starting or stopping Jira, please see the Troubleshooting guide at https://docs.atlassian.com/jira/jadm-docs-111/Troubleshooting+installation

Server startup logs are located in /opt/jira/logs/catalina.out
Using CATALINA_BASE:  /opt/jira
Using CATALINA_HOME:   /opt/jira
Using CATALINA_TMPDIR: /opt/jira/temp
Using JRE_HOME:        /usr/lib/jvm/java-21-openjdk-amd64
Using CLASSPATH:       /opt/jira/lib/bootstrap.jar:/opt/jira/bin/tomcat-juli.jar
```

```

The stop command failed. Attempting to signal the process to stop through OS signal.
Tomcat stopped.
deepa@ubuntu:~/devops/jirainstall$ sudo -u jira /opt/jira/bin/start-jira.sh
To run Jira in the foreground, start the server with start-jira.sh -fg
executing as current user

      `sMoooooooooooooo+-
      Moooooooooooooo+
      :sdooooooooooooo
      :Mooooooooooooo
      `sMoooooooooooooo+ Mooooooooooooo
      Moooooooooooooo+ +ooooooooooooo
      :sdooooooooooooo Mooooooooooooo
      :Mooooooooooooo `UOJ
      `sMoooooooooooooo+ Mooooooooooooo
      Moooooooooooooo+ +ooooooooooooo
      :sdooooooooooooo Mooooooooooooo
      :Mooooooooooooo `UOJ
      `Mooooooooooooo+ Mooooooooooooo
      Moooooooooooooo+ +ooooooooooooo
      :sdooooooooooooo Mooooooooooooo
      :Mooooooooooooo `UOJ
      `Mooooooooooooo+ Mooooooooooooo
      Moooooooooooooo+ +ooooooooooooo
      :sdooooooooooooo Mooooooooooooo
      :Mooooooooooooo `UOJ
      Atlassian Jira
      Version : 11.1.1

If you encounter issues starting or stopping Jira, please see the Troubleshooting guide at https://docs.atlassian.com/jira/jadm-docs-111/Troubleshooting+installation

Server startup logs are located in /opt/jira/logs/catalina.out
Using CATALINA_BASE: /opt/jira
Using CATALINA_HOME: /opt/jira
Using CATALINA_TMPDIR: /opt/jira/temp
Using JRE_HOME: /usr/lib/jvm/java-21-openjdk-amd64
Using CLASSPATH: /opt/jira/bin/bootstrap.jar:/opt/jira/bin/tomcat-juli.jar
Using CATALINA_OPTS: -Xms384m -Xmx2048m
Using CATALINA_PID: /opt/jira/work/catalina.pid
Tomcat started.
deepa@ubuntu:~/devops/jirainstall$ deepa@ubuntu:~/devops/jirainstall$ sudo apt update
deepa@ubuntu:~/devops/jirainstall$
```

```

Data page checksums are disabled.
Fixing permissions on existing directory /var/lib/postgresql/12/main ... ok
running bootstrap script ... ok
selecting dynamic shared memory implementation ... posix
selecting default max_connections ... 100
selecting default shared_buffers ... 128MB
selecting default wal_buffers ... 4MB
selecting default wal_level ... archive
creating configuration files ... ok
running bootstrap script ... ok
performing post-bootstrap initialization ... ok
syncing data to disk ... ok

Success. You can now start the database server using:

  pg_ctlcluster 12 main start

Ver Cluster Port Status Owner   Data directory          Log file
12/main      5432 down    postgres  /var/lib/postgresql/12/main /var/log/postgresql/postgresql-12-main.log
update-alternatives: using /usr/share/postgresql/12/main/man1/postmaster.1.gz to provide /usr/share/man/man1/postmaster.1.gz (postmaster.1.gz) in auto mode
Setting up sysstat (12.2.0-2ubuntu0.3) ...
Creating config file /etc/default/sysstat with new version
update-alternatives: using /usr/bin/sar.sysstat to provide /usr/bin/sar (sar) in auto mode
Created symlink /etc/systemd/system/multi-user.target.wants/sysstat.service → /lib/systemd/system/sysstat.service.
Setting up postgresql (12+21ubuntu0.1) ...
Processing triggers for systemd (245.4-4ubuntu3.20) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for libsystemd-dbus-2.41-0ubuntu9.18) ...
deepa@ubuntu:~/devops/jirainstall$ deepa@ubuntu:~/devops/jirainstall$ deepa@ubuntu:~/devops/jirainstall$ sudo -i -u postgres
postgres@ubuntu:~$ postgres@ubuntu:~$ postgres@ubuntu:~$ psql
postgres@ubuntu:~$ psql
psql (12.22 (Ubuntu 12.22-0ubuntu0.20.04.4))
Type "help" for help.
```

PostgreSQL is up and running

```

psql (12.22 (Ubuntu 12.22-0ubuntu0.20.04.4))
Type "help" for help.

postgres=# CREATE DATABASE jiradb WITH ENCODING 'UTF8' LC_COLLATE='C' LC_CTYPE='C' TEMPLATE template0;
CREATE DATABASE
postgres=# CREATE USER jirauser WITH PASSWORD 'jira123';
CREATE ROLE
postgres=# GRANT ALL PRIVILEGES ON DATABASE jiradb TO jirauser;
GRANT
postgres=# \q
postgres@ubuntu:~$ exit
logout
deepa@ubuntu:~/devops/jirainstall$ sudo vi /opt/jira/atlassian-jira/WEB-INF/classes/jira-application.properties
deepa@ubuntu:~/devops/jirainstall$ sudo cat /opt/jira/atlassian-jira/WEB-INF/classes/jira-application.properties
# Do not modify this file unless instructed. It is here to store the location of the JIRA home directory only and is typically written to by the installer.
jira.home = /var/atlassian/application-data/jira

deepa@ubuntu:~/devops/jirainstall$ 
deepa@ubuntu:~/devops/jirainstall$ 
deepa@ubuntu:~/devops/jirainstall$ 
deepa@ubuntu:~/devops/jirainstall$ sudo systemctl status postgresql

deepa@ubuntu:~/devops/jirainstall$ 
deepa@ubuntu:~/devops/jirainstall$ sudo systemctl status postgresql

deepa@ubuntu:~/devops/jirainstall$ sudo -u jira psql -h localhost -U jirauser jiradb
Password for user jirauser:
psql (12.22 (Ubuntu 12.22-0ubuntu0.20.04.4))
SSL connection (protocol: TLSv1.3, cipher: TLS_AES_256_GCM_SHA384, bits: 256, compression: off)
Type "help" for help.

jiradb=> \dt
jiradb=>
Message from syslogd@ubuntu at Nov 2 08:40:59 ...
[  kernel:[12352.591452] watchdog: BUG: soft lockup - CPU#0 stuck for 23s! [kworker/0:2:322307]
`C
jiradb=> top
```

Jira was taking long time to initialize: added swap memory,. Add more swap space

```
at org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:63)
at java.base/java.lang.Thread.run(Thread.java:1583)
02-Nov-2025 08:51:11.494 WARNING [Catalina-utility-2] org.apache.catalina.valves.StuckThreadDetectionValve.notifyStuckThreadCompleted Thread [http-nio-8082-exec-1] (id=[37]) was previously reported to be stuck but has completed. It was active for approximately [1,213,540] milliseconds. There is/are still [2] thread(s) that are monitored by this valve and may be stuck.
02-Nov-2025 08:51:22.684 WARNING [Catalina-utility-1] org.apache.catalina.valves.StuckThreadDetectionValve.notifyStuckThreadCompleted Thread [http-nio-8082-exec-19] (id=[45]) was previously reported to be stuck but has completed. It was active for approximately [1,199,874] milliseconds. There is/are still [1] thread(s) that are monitored by this valve and may be stuck.
2025-11-02 08:52:23,566-0800 Thread-990 WARN [c.a.r.d.internal.dao.QOSLSRateLimitingSettingsDao] Initializing system rate limiting settings DB with default settings: jobControlSettings=(mode=Off, bucketSettings=TokenBucketSettings(capacity=50, fillRate=10, intervalFrequency=1, intervalTimeUnit=Seconds), jobControlSettings=SystemJobControlSettings(reportingJobArchivingJobFrequencyDurations=PT1M0S, reportingDbRetentionPeriodDuration=PT24H, bucketCollectionJobFrequencyDuration=PT5M, bucketCleanupJobFrequencyDuration=PT15M, settingsReloadJobFrequencyDurations=PT1M))
2025-11-02 08:52:25,022-0800 Thread-990 INFO [c.a.r.d.internal.dao.QOSLSRateLimitingSettingsVersionDao] No settings version record in the database for DEFAULT, inserting 9...
2025-11-02 08:52:26,319-0800 Caesium-2-4 INFO anonymous [c.a.r.internal.configuration.ConfigurationLoggerJob] Periodic rate limiting configuration log. System rate limiting settings: [SystemRateLimitingSettings(mode=Off, bucketSettings=TokenBucketSettings(capacity=50, fillRate=10, intervalFrequency=1, intervalTimeUnit=Seconds), jobControlSettings=SystemJobControlSettings(reportingJobArchivingJobFrequencyDurations=PT1M0S, reportingDbRetentionPeriodDuration=PT24H, bucketCollectionJobFrequencyDuration=PT5M, bucketCleanupJobFrequencyDuration=PT15M, settingsReloadJobFrequencyDurations=PT1M))]
deep@ubuntu:~/devops/jira/install$ deep@ubuntu:~/devops/jira/install$ sudo rm -rf /swapfile2
deep@ubuntu:~/devops/jira/install$ sudo chmod 600 /swapfile2
deep@ubuntu:~/devops/jira/install$ sudo mkswap /swapfile2
Setting up swapfile, size = 4 GiB (4294963200 bytes)
no label, UUID=76841275-0116-419f-923f-9b12598121d9
deep@ubuntu:~/devops/jira/install$ sudo swapon /swapfile2
deep@ubuntu:~/devops/jira/install$ free -h
              total        used        free      shared  buff/cache   available
Mem:       5.8Gi       5.0Gi     150Mi      61Mi     721Mi      547Mi
Swap:      6.0Gi      2.0Gi      4.0Gi
deep@ubuntu:~/devops/jira/install$ deep@ubuntu:~/devops/jira/install$ curl -I http://192.168.254.128:8082
HTTP/1.1 405
X-AREQUESTID: 549x568x7
```

```
deepa@ubuntu:~/devops/jirainstall$ ./jirainstall
deepa@ubuntu:~/devops/jirainstall$ sudo fallocate -l 4G /swapfile2
deepa@ubuntu:~/devops/jirainstall$ sudo chmod 600 /swapfile2
deepa@ubuntu:~/devops/jirainstall$ sudo mkswap /swapfile2
Setting up swap space version 1, size 4 GiB (4294963260 bytes)
no label, UUID=76841275-0116-419f-923f-9b12998121d9
deepa@ubuntu:~/devops/jirainstall$ sudo swapon /swapfile2
deepa@ubuntu:~/devops/jirainstall$ free -m
              total        used        free      buff/cache    available
Mem:       5.8Gi       5.06Gi     158Mi       61Mi       721Mi       547Mi
Swap:      6.0Gi       2.06Gi     4.06Gi
deepa@ubuntu:~/devops/jirainstall$ curl -I http://192.168.254.128:8082
HTTP/1.1 405
X-REQUESTID: 549x568x7
Referer-Policy: strict-origin-when-cross-origin
X-XSS-Protection: 1; mode=block
X-Content-Type-Options: nosniff
X-Frame-Options: SAMEORIGIN
Content-Security-Policy: frame-ancestors 'self'
Strict-Transport-Security: max-age=31536000
Server: nginx/1.19.0-Debian-1~deb10u1
X-Forwarded-For: 127.0.0.1
X-Forwarded-Port: 443
X-Forwarded-Proto: https
X-Real-IP: 127.0.0.1
X-Auth-User: anonymous
Set-Cookie: JSESSIONID=B794E84BD075E0583F677A677D19873; Path=/; HttpOnly
Set-Cookie: atlascdn.xsrf_token=BLAR-LYET-HMDY-RJWZ_919290ac582a4d1a1a9f3da7ac06c8898483e4a0_lout; Path=/
X-ASESSIONID: 1tc2tu
X-AUSERNAME: anonymous
Content-Type: text/html; charset=utf-8
Content-Language: en
Content-Length: 686
Date: Sun, 02 Nov 2025 17:10:18 GMT

deepa@ubuntu:~/devops/jirainstall$ ./jirainstall
deepa@ubuntu:~/devops/jirainstall$ ./jirainstall
deepa@ubuntu:~/devops/jirainstall$ ./jirainstall
deepa@ubuntu:~/devops/jirainstall$ curl -s http://192.168.254.128:8082/status | grep -i state
{"state": "RUNNING"}
deepa@ubuntu:~/devops/jirainstall$ █
```

Database setup

Language

Learn more about connecting Jira to a database.

Database Type	PostgreSQL
Hostname	localhost
Hostname or IP address of the database server.	
Port	5432
TCP Port Number for the database server.	
Database	jiradb
The name of the database to connect to.	
Username	jirauser
The username used to access the database.	
Password
The password used to access the database.	
Schema	public
Specify the schema name for your database.	

Next

Test Connection

Jira123

Database setup

Language

Learn more about connecting Jira to a database.

Database Type	PostgreSQL
Hostname	localhost
Hostname or IP address of the database server.	
Port	5432
TCP Port Number for the database server.	
Database	jiradb
The name of the database to connect to.	
Username	jirauser
The username used to access the database.	
Password
The password used to access the database.	
Schema	public
Specify the schema name for your database.	

→ Next

Test Connection

Please wait while the database is set up. This may take a minute...

```
# Do not modify this file unless instructed. It is here to store the location of the JIRA home directory only and is typically written to by the installer.
jira.home = /var/atlassian/application-data/jira
~
```

```
deepa@ubuntu:~/devops/jirainstall$ sudo cat /opt/jira/atlassian-jira/WEB-INF/classes/jira-application.properties
# Do not modify this file unless instructed. It is here to store the location of the JIRA home directory only and is typically written to by the installer.
jira.home = /var/atlassian/application-data/jira
deepa@ubuntu:~/devops/jirainstall$
```

That output —

```
{"state":"RUNNING"}
```

— means Jira instance is fully up and healthy!

So now:

- can safely open browser and go to

👉 <http://192.168.254.128:8082/secure/Dashboard.jspa>

Set up application properties

Existing data? You can import your data from another installed or hosted Jira server instead of completing this setup process.

Application Title The name of this installation.

Mode Private Only administrators can create new users.
 Public Anyone can sign up to create issues.

Base URL The base URL for this installation of Jira.
All links created will be prefixed by this URL.

Next

Jira

Specify your license key

You need a license key to set up Jira. Enter your license key or generate a new license key below. You need an account at MyAtlassian to generate a license key.

Please enter your license key
Server ID: BLAR-LYET-HMOY-RJWZ
Your License Key
or generate a Jira trial license at MyAtlassian

Next

My Atlassian

New Trial License

Product

License Type

Jira (Cloud)	Jira Software (Data Center)
Everything with server plus: <ul style="list-style-type: none">Let Atlassian host, set up, secure, and maintain your products in the cloud.Get immediate access to the latest features without having to upgrade.Enjoy end-to-end data protection and privacy protection with industry best-practices such as GDPR and Privacy Shield.	<ul style="list-style-type: none">Active-active clustering for true high availability and uninterrupted access.High performance under high load and at peak times.Disaster recovery.
Select	✓

Organization

Your instance is up and running not installed yet

Server ID

https://www.atlassian.com/purchase/my-license-evaluation?callback=http%3A%2F%2F192.168.254.128%3A8082%2Fsecure%2FSetupLicenseDefault.jspa&ref=prod&sid=...

ATLASSIAN Licenses Downloads Orders Buy

My Atlassian

New Trial License

Product: Jira

License Type:

- Jira (Cloud) Everything with server plus:
 - Let Atlassian host, set up, secure, and maintain your products in the cloud.
 - Get immediate access to the latest features without having to upgrade.
 - Enjoy end-to-end data protection and privacy protection with industry best-practices such as GDPR and Privacy Shield.
- Jira Software (Data Center)
 - Active-active clustering for true high availability and uninterrupted access.
 - High performance under high load and at peak times.
 - Disaster recovery.

Select ✓

Organization: DEEPA T

Your instance is: up and running

GDPR and Privacy Shield.

Select ✓

Organization: DEEPA T

Your instance is: up and running

Server ID: BLAR-LYET-HMOY-RJWZ

To get your Server ID:

- Log in as a JIRA administrator
- Click on the Settings icon and choose **System**
- Click on the **System info** link
- Your Server ID is listed in the **JIRA info** field

Can't find server ID?

Please note we only provide trial support for 90 days per product.

By clicking "Generate License" below, you agree to the Atlassian Software License Agreement and Privacy Policy

Generate License Cancel

https://www.atlassian.com/purchase/my/licenses/212023?callback=http%3A%2F%2F192.168.254.128%3A8082%2Fsecure%2FSetupLicense%21default.jspa&licensefileid=...

ATLASSIAN

My Atlassian

G'day DEEPA! Find all license information for your Atlassian account

Important information
We no longer offer sale and support for server apps. Experience cloud now with seamless migration for efficient collaboration and accelerated innovation. Explore cloud.

Explore Cloud Pricing - Explore Data Center Pricing

Confirmation
Please confirm that you wish to install the license key on the following server:
192.168.254.128

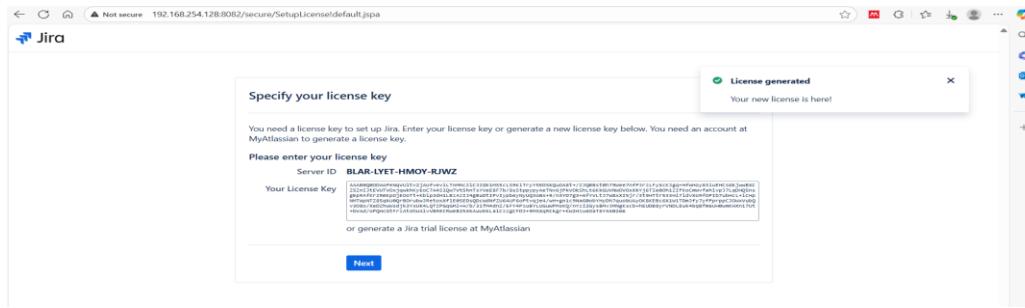
Cancel Confirm

192.168.254.128:8082/secure/SetupLicenseDefault.jspa

i

The information you're about to submit is not secure
Because this form is being submitted using a connection that's not secure, your information will be visible to others.

Send anyway Go back



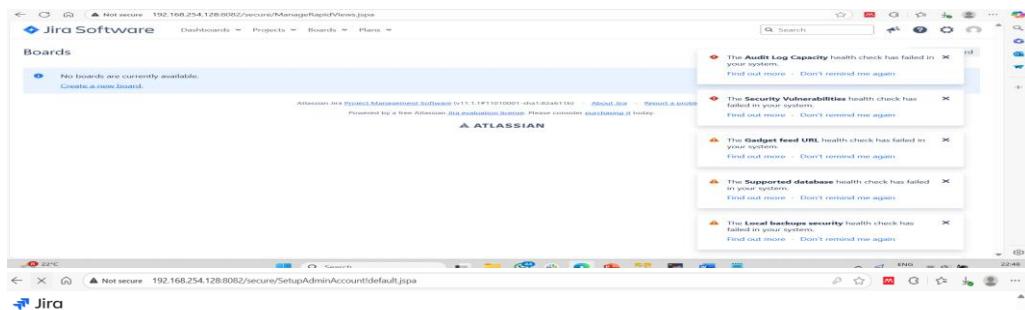
Server ID BLAR-LYET-HMOY-RJWZ

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Second trial:

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Enter details for the administrator account. You can add more administrators after setup.

Full name DEEPA T	Confirm Password *****
Email Address deepaum112@gmail.com	
Username deepaum112@gmail.com	
Password *****	

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Field	Value
Database Type	PostgreSQL
Hostname	localhost
Port	5432
Database Name	jiradb
Username	jirauser
Password	jira123
Schema	public