```
ec2-user@ip-172-31-5-25:~                                                                    —    □    ✕

[ec2-user@ip-172-31-5-25 ~]$ sudo apt update
sudo: apt: command not found
[ec2-user@ip-172-31-5-25 ~]$ sudo yum update -y
Last metadata expiration check: 0:19:46 ago on Sat Jan 11 14:49:08 2025.
Dependencies resolved.
Nothing to do.
Complete!
[ec2-user@ip-172-31-5-25 ~]$ sudo yum install java-11-openjdk -y
Last metadata expiration check: 0:19:56 ago on Sat Jan 11 14:49:08 2025.
Dependencies resolved.
==========================================================================================
 Package                      Arch       Version            Repository         Size
==========================================================================================
Installing:
 java-11-amazon-corretto-devel  x86_64    1:11.0.25.9-1      AmazonCorretto     187 M

Transaction Summary
==========================================================================================
Install  1 Package

Total download size: 187 M
Installed size: 312 M
Downloading Packages:
java-11-amazon-corretto-devel-11.0.25.9-1.x86_64.rp  58 MB/s | 187 MB     00:03
------------------------------------------------------------------------------------------
Total                                                58 MB/s | 187 MB     00:03
Running transaction check
Transaction check succeeded.
Running transaction test
The downloaded packages were saved in cache until the next successful transaction.
You can remove cached packages by executing 'yum clean packages'.
Error: Transaction test error:
  file /usr/lib/jvm/java-11-amazon-corretto/bin/java from install of java-11-amazon-
corretto-devel-1:11.0.25.9-1.x86_64 conflicts with file from package java-11-amazon-
corretto-headless-1:11.0.25+9-1.amzn2023.x86_64
  file /usr/lib/jvm/java-11-amazon-corretto/bin/jjs from install of java-11-amazon-c
orretto-devel-1:11.0.25.9-1.x86_64 conflicts with file from package java-11-amazon-c
orretto-headless-1:11.0.25+9-1.amzn2023.x86_64
  file /usr/lib/jvm/java-11-amazon-corretto/bin/keytool from install of java-11-amaz
on-corretto-devel-1:11.0.25.9-1.x86_64 conflicts with file from package java-11-amaz
on-corretto-headless-1:11.0.25+9-1.amzn2023.x86_64
  file /usr/lib/jvm/java-11-amazon-corretto/bin/pack200 from install of java-11-amaz
on-corretto-devel-1:11.0.25.9-1.x86_64 conflicts with file from package java-11-amaz
on-corretto-headless-1:11.0.25+9-1.amzn2023.x86_64
  file /usr/lib/jvm/java-11-amazon-corretto/bin/rmid from install of java-11-amazon-
corretto-devel-1:11.0.25.9-1.x86_64 conflicts with file from package java-11-amazon-
corretto-headless-1:11.0.25+9-1.amzn2023.x86_64
  file /usr/lib/jvm/java-11-amazon-corretto/bin/rmiregistry from install of java-11-
```

```
ec2-user@ip-172-31-5-25:~

a-11-amazon-corretto-headless-1:11.0.25+9-1.amzn2023.x86_64
  file /usr/lib/jvm/java-11-amazon-corretto/lib/server/libjsig.so from install of ja
va-11-amazon-corretto-devel-1:11.0.25.9-1.x86_64 conflicts with file from package ja
va-11-amazon-corretto-headless-1:11.0.25+9-1.amzn2023.x86_64
  file /usr/lib/jvm/java-11-amazon-corretto/lib/server/libjvm.so from install of jav
a-11-amazon-corretto-devel-1:11.0.25.9-1.x86_64 conflicts with file from package jav
a-11-amazon-corretto-headless-1:11.0.25+9-1.amzn2023.x86_64
  file /usr/lib/jvm/java-11-amazon-corretto/lib/src.zip from install of java-11-amaz
on-corretto-devel-1:11.0.25.9-1.x86_64 conflicts with file from package java-11-amaz
on-corretto-headless-1:11.0.25+9-1.amzn2023.x86_64
  file /usr/lib/jvm/java-11-amazon-corretto/release from install of java-11-amazon-c
orretto-devel-1:11.0.25.9-1.x86_64 conflicts with file from package java-11-amazon-c
orretto-headless-1:11.0.25+9-1.amzn2023.x86_64
  file /usr/lib/jvm/java-11-amazon-corretto/lib/libawt_xawt.so from install of java-
11-amazon-corretto-devel-1:11.0.25.9-1.x86_64 conflicts with file from package java-
11-amazon-corretto-1:11.0.25+9-1.amzn2023.x86_64
  file /usr/lib/jvm/java-11-amazon-corretto/lib/libjawt.so from install of java-11-a
mazon-corretto-devel-1:11.0.25.9-1.x86_64 conflicts with file from package java-11-a
mazon-corretto-1:11.0.25+9-1.amzn2023.x86_64
  file /usr/lib/jvm/java-11-amazon-corretto/lib/libsplashscreen.so from install of j
ava-11-amazon-corretto-devel-1:11.0.25.9-1.x86_64 conflicts with file from package j
ava-11-amazon-corretto-1:11.0.25+9-1.amzn2023.x86_64

[ec2-user@ip-172-31-5-25 ~]$ sudo wget -O /etc/yum.repos.d/jenkins.repo https://pkg.
jenkins.io/redhat-stable/jenkins.repo
--2025-01-11 15:09:16--  https://pkg.jenkins.io/redhat-stable/jenkins.repo
Resolving pkg.jenkins.io (pkg.jenkins.io)... 151.101.110.133, 2a04:4e42:1a::645
Connecting to pkg.jenkins.io (pkg.jenkins.io)|151.101.110.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 85
Saving to: '/etc/yum.repos.d/jenkins.repo'

/etc/yum.repos.d/jen 100%[========================>]      85  --.-KB/s    in 0s

2025-01-11 15:09:16 (893 KB/s) - '/etc/yum.repos.d/jenkins.repo' saved [85/85]

[ec2-user@ip-172-31-5-25 ~]$ sudo rpm --import https://pkg.jenkins.io/redhat-stable/
jenkins.io.key
[ec2-user@ip-172-31-5-25 ~]$ sudo yum update -y
Last metadata expiration check: 0:20:25 ago on Sat Jan 11 14:49:08 2025.
Dependencies resolved.
Nothing to do.
Complete!
[ec2-user@ip-172-31-5-25 ~]$ java -version
openjdk version "11.0.25" 2024-10-15 LTS
OpenJDK Runtime Environment Corretto-11.0.25.9.1 (build 11.0.25+9-LTS)
OpenJDK 64-Bit Server VM Corretto-11.0.25.9.1 (build 11.0.25+9-LTS, mixed mode)
[ec2-user@ip-172-31-5-25 ~]$
```

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```
  maven-shared-utils-3.3.4-4.amzn2023.0.3.noarch
  maven-wagon-3.4.2-6.amzn2023.0.4.noarch
  plexus-cipher-1.8-3.amzn2023.0.3.noarch
  plexus-classworlds-2.6.0-10.amzn2023.0.4.noarch
  plexus-containers-component-annotations-2.1.0-9.amzn2023.0.4.noa
rch
  plexus-interpolation-1.26-10.amzn2023.0.4.noarch
  plexus-sec-dispatcher-2.0-3.amzn2023.0.3.noarch
  plexus-utils-3.3.0-9.amzn2023.0.4.noarch
  publicsuffix-list-20240212-61.amzn2023.noarch
  sisu-1:0.3.4-9.amzn2023.0.4.noarch
  slf4j-1.7.32-3.amzn2023.0.4.noarch

Complete!
[ec2-user@ip-172-31-5-25 ~]$ mvn -version
Apache Maven 3.8.4 (Red Hat 3.8.4-3.amzn2023.0.5)
Maven home: /usr/share/maven
Java version: 17.0.13, vendor: Amazon.com Inc., runtime: /usr/lib/
jvm/java-17-amazon-corretto.x86_64
Default locale: en, platform encoding: UTF-8
OS name: "linux", version: "6.1.119-129.201.amzn2023.x86_64", arch
: "amd64", family: "unix"
[ec2-user@ip-172-31-5-25 ~]$ java -version
openjdk version "17.0.13" 2024-10-15 LTS
OpenJDK Runtime Environment Corretto-17.0.13.11.1 (build 17.0.13+1
1-LTS)
OpenJDK 64-Bit Server VM Corretto-17.0.13.11.1 (build 17.0.13+11-L
TS, mixed mode, sharing)
[ec2-user@ip-172-31-5-25 ~]$ nano ~/.bash_profile
[ec2-user@ip-172-31-5-25 ~]$ source ~/.bash_profile
[ec2-user@ip-172-31-5-25 ~]$ echo $JAVA_HOME
/usr/lib/jvm/java-17-amazon-corretto.x86_64
[ec2-user@ip-172-31-5-25 ~]$ /usr/lib/jvm/java-17-amazon-corretto.
x86_64
-bash: /usr/lib/jvm/java-17-amazon-corretto.x86_64: Is a directory
[ec2-user@ip-172-31-5-25 ~]$ sudo yum install maven -y
Last metadata expiration check: 0:35:54 ago on Sat Jan 11 14:49:08
 2025.
Package maven-1:3.8.4-3.amzn2023.0.5.noarch is already installed.
Dependencies resolved.
Nothing to do.
Complete!
[ec2-user@ip-172-31-5-25 ~]$ mvn -version
Apache Maven 3.8.4 (Red Hat 3.8.4-3.amzn2023.0.5)
Maven home: /usr/share/maven
Java version: 17.0.13, vendor: Amazon.com Inc., runtime: /usr/lib/
jvm/java-17-amazon-corretto.x86_64
Default locale: en, platform encoding: UTF-8
```

```
ec2-user@ip-172-31-5-25:~                                                                              —   □   ×

   plexus-classworlds-2.6.0-10.amzn2023.0.4.noarch
   plexus-containers-component-annotations-2.1.0-9.amzn2023.0.4.noa
rch
   plexus-interpolation-1.26-10.amzn2023.0.4.noarch
   plexus-sec-dispatcher-2.0-3.amzn2023.0.3.noarch
   plexus-utils-3.3.0-9.amzn2023.0.4.noarch
   publicsuffix-list-20240212-61.amzn2023.noarch
   sisu-1:0.3.4-9.amzn2023.0.4.noarch
   slf4j-1.7.32-3.amzn2023.0.4.noarch

Complete!
[ec2-user@ip-172-31-5-25 ~]$ mvn -version
Apache Maven 3.8.4 (Red Hat 3.8.4-3.amzn2023.0.5)
Maven home: /usr/share/maven
Java version: 17.0.13, vendor: Amazon.com Inc., runtime: /usr/lib/
jvm/java-17-amazon-corretto.x86_64
Default locale: en, platform encoding: UTF-8
OS name: "linux", version: "6.1.119-129.201.amzn2023.x86_64", arch
: "amd64", family: "unix"
[ec2-user@ip-172-31-5-25 ~]$ java -version
openjdk version "17.0.13" 2024-10-15 LTS
OpenJDK Runtime Environment Corretto-17.0.13.11.1 (build 17.0.13+1
1-LTS)
OpenJDK 64-Bit Server VM Corretto-17.0.13.11.1 (build 17.0.13+11-L
TS, mixed mode, sharing)
[ec2-user@ip-172-31-5-25 ~]$ nano ~/.bash_profile
[ec2-user@ip-172-31-5-25 ~]$ source ~/.bash_profile
[ec2-user@ip-172-31-5-25 ~]$ echo $JAVA_HOME
/usr/lib/jvm/java-17-amazon-corretto.x86_64
[ec2-user@ip-172-31-5-25 ~]$ /usr/lib/jvm/java-17-amazon-corretto.
x86_64
-bash: /usr/lib/jvm/java-17-amazon-corretto.x86_64: Is a directory
[ec2-user@ip-172-31-5-25 ~]$ sudo yum install maven -y
Last metadata expiration check: 0:35:54 ago on Sat Jan 11 14:49:08
 2025.
Package maven-1:3.8.4-3.amzn2023.0.5.noarch is already installed.
Dependencies resolved.
Nothing to do.
Complete!
[ec2-user@ip-172-31-5-25 ~]$ mvn -version
Apache Maven 3.8.4 (Red Hat 3.8.4-3.amzn2023.0.5)
Maven home: /usr/share/maven
Java version: 17.0.13, vendor: Amazon.com Inc., runtime: /usr/lib/
jvm/java-17-amazon-corretto.x86_64
Default locale: en, platform encoding: UTF-8
OS name: "linux", version: "6.1.119-129.201.amzn2023.x86_64", arch
: "amd64", family: "unix"
[ec2-user@ip-172-31-5-25 ~]$ |
```

```
apache-commons-cli
               noarch 1.5.0-3.amzn2023.0.3      amazonlinux  76 k
apache-commons-codec
               noarch 1.15-6.amzn2023.0.3       amazonlinux 303 k
apache-commons-io
               noarch 1:2.8.0-7.amzn2023.0.4    amazonlinux 284 k
apache-commons-lang3
               noarch 3.12.0-7.amzn2023.0.3     amazonlinux 559 k
atinject       noarch 1.0.5-3.amzn2023.0.3      amazonlinux  23 k
cdi-api        noarch 2.0.2-6.amzn2023.0.3      amazonlinux  54 k
google-guice   noarch 4.2.3-8.amzn2023.0.6      amazonlinux 473 k
guava          noarch 31.0.1-3.amzn2023.0.6     amazonlinux 2.4 M
httpcomponents-client
               noarch 4.5.13-4.amzn2023.0.4     amazonlinux 657 k
httpcomponents-core
               noarch 4.4.13-6.amzn2023.0.3     amazonlinux 632 k
jakarta-annotations
               noarch 1.3.5-13.amzn2023.0.3     amazonlinux  46 k
jansi          x86_64 2.4.0-3.amzn2023.0.3      amazonlinux 113 k
java-17-amazon-corretto-devel
               x86_64 1:17.0.13+11-1.amzn2023.1
                                                amazonlinux 142 k
jcl-over-slf4j noarch 1.7.32-3.amzn2023.0.4     amazonlinux  25 k
jsoup          noarch 1.13.1-9.amzn2023.0.5     amazonlinux 377 k
jsr-305        noarch 3.0.2-5.amzn2023.0.4      amazonlinux  32 k
maven-amazon-corretto17
               noarch 1:3.8.4-3.amzn2023.0.5    amazonlinux 9.4 k
maven-lib      noarch 1:3.8.4-3.amzn2023.0.5    amazonlinux 1.5 M
maven-resolver noarch 1:1.7.3-3.amzn2023.0.4    amazonlinux 557 k
maven-shared-utils
               noarch 3.3.4-4.amzn2023.0.3      amazonlinux 152 k
maven-wagon    noarch 3.4.2-6.amzn2023.0.4      amazonlinux 113 k
plexus-cipher  noarch 1.8-3.amzn2023.0.3        amazonlinux  27 k
plexus-classworlds
               noarch 2.6.0-10.amzn2023.0.4     amazonlinux  61 k
plexus-containers-component-annotations
               noarch 2.1.0-9.amzn2023.0.4      amazonlinux  19 k
plexus-interpolation
               noarch 1.26-10.amzn2023.0.4      amazonlinux  80 k
plexus-sec-dispatcher
               noarch 2.0-3.amzn2023.0.3        amazonlinux  34 k
plexus-utils   noarch 3.3.0-9.amzn2023.0.4      amazonlinux 254 k
publicsuffix-list
               noarch 20240212-61.amzn2023      amazonlinux  89 k
sisu           noarch 1:0.3.4-9.amzn2023.0.4    amazonlinux 510 k
slf4j          noarch 1.7.32-3.amzn2023.0.4     amazonlinux  70 k

Transaction Summary
```

```
ec2-user@ip-172-31-5-25:~

[ec2-user@ip-172-31-5-25 ~]$ sudo alternatives --config java

There are 2 programs which provide 'java'.

  Selection    Command
-----------------------------------------------
   1           /usr/lib/jvm/java-11-amazon-corretto.x86_64/bin/jav
a
*+ 2           /usr/lib/jvm/java-17-amazon-corretto.x86_64/bin/jav
a

Enter to keep the current selection[+], or type selection number:
2
[ec2-user@ip-172-31-5-25 ~]$ java -version
openjdk version "17.0.13" 2024-10-15 LTS
OpenJDK Runtime Environment Corretto-17.0.13.11.1 (build 17.0.13+1
1-LTS)
OpenJDK 64-Bit Server VM Corretto-17.0.13.11.1 (build 17.0.13+11-L
TS, mixed mode, sharing)
[ec2-user@ip-172-31-5-25 ~]$ sudo yum install maven
Last metadata expiration check: 0:34:01 ago on Sat Jan 11 14:49:08
 2025.
Dependencies resolved.
================================================================
 Package            Arch      Version                 Repository   Size
================================================================
Installing:
 maven              noarch    1:3.8.4-3.amzn2023.0.5   amazonlinux   18 k
Installing dependencies:
 apache-commons-cli
                    noarch    1.5.0-3.amzn2023.0.3     amazonlinux   76 k
 apache-commons-codec
                    noarch    1.15-6.amzn2023.0.3      amazonlinux  303 k
 apache-commons-io
                    noarch    1:2.8.0-7.amzn2023.0.4   amazonlinux  284 k
 apache-commons-lang3
                    noarch    3.12.0-7.amzn2023.0.3    amazonlinux  559 k
 atinject           noarch    1.0.5-3.amzn2023.0.3     amazonlinux   23 k
 cdi-api            noarch    2.0.2-6.amzn2023.0.3     amazonlinux   54 k
 google-guice       noarch    4.2.3-8.amzn2023.0.6     amazonlinux  473 k
 guava              noarch    31.0.1-3.amzn2023.0.6    amazonlinux  2.4 M
 httpcomponents-client
                    noarch    4.5.13-4.amzn2023.0.4    amazonlinux  657 k
 httpcomponents-core
                    noarch    4.4.13-6.amzn2023.0.3    amazonlinux  632 k
 jakarta-annotations
                    noarch    1.3.5-13.amzn2023.0.3    amazonlinux   46 k
 jansi              x86_64    2.4.0-3.amzn2023.0.3     amazonlinux  113 k
```