

Untitled

Install Jenkins:

```
[ec2-user@ip-172-31-21-5 ~]$ sudo wget -O /etc/yum.repos.d/jenkins.repo https://pkg.jenkins.io/redhat-stable/jenkins.repo
--2024-07-12 06:14:58-- https://pkg.jenkins.io/redhat-stable/jenkins.repo
Resolving pkg.jenkins.io (pkg.jenkins.io)... 146.75.78.133, 2a04:4e42:83::645
Connecting to pkg.jenkins.io (pkg.jenkins.io)[146.75.78.133]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 85
Saving to: '/etc/yum.repos.d/jenkins.repo'

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

2024-07-12 06:14:58 (5.93 MB/s) - '/etc/yum.repos.d/jenkins.repo' saved [85/85]

[ec2-user@ip-172-31-21-5 ~]$ |
```

```
x2 java javadoc.noarch 1:17.0.11+9-1.amzn2023.0.3 amazonlinux
[ec2-user@ip-172-31-21-5 ~]$ yum install java-17-amazon-corretto-devel.x86_64
Error: This command has to be run with superuser privileges (under the root user on most systems).
[ec2-user@ip-172-31-21-5 ~]$ sudo yum install java-17-amazon-corretto-devel.x86_64
Last metadata expiration check: 0:11:07 ago on Fri Jul 12 06:18:26 2024.
Dependencies resolved.
=====
Package                               Architecture      Version                               Repository      Size
=====
Installing:
  java-17-amazon-corretto-devel        x86_64            1:17.0.11+9-1.amzn2023.1            amazonlinux     142 k
Installing dependencies:
  alsa-lib                             x86_64            1.2.7.2-1.amzn2023.0.2              amazonlinux     504 k
  cairo                                x86_64            1.17.6-2.amzn2023.0.1               amazonlinux     684 k
  dejavu-sans-fonts                    noarch            2.37-16.amzn2023.0.2                amazonlinux     1.3 M
  dejavu-sans-mono-fonts               noarch            2.37-16.amzn2023.0.2                amazonlinux     467 k
  dejavu-serif-fonts                   noarch            2.37-16.amzn2023.0.2                amazonlinux     1.0 M
  fontconfig                           x86_64            2.13.94-2.amzn2023.0.2              amazonlinux     273 k
  fonts-filesystem                     noarch            1:2.0.5-12.amzn2023.0.2             amazonlinux     9.5 k
  freetype                             x86_64            2.13.0-2.amzn2023.0.1               amazonlinux     422 k
  google-noto-fonts-common              noarch            20201206-2.amzn2023.0.2             amazonlinux     15 k
  google-noto-sans-vf-fonts             noarch            20201206-2.amzn2023.0.2             amazonlinux     492 k
  graphite2                             x86_64            1.3.14-7.amzn2023.0.2               amazonlinux     97 k
  harfbuzz                              x86_64            7.0.0-2.amzn2023.0.1                amazonlinux     868 k
  java-17-amazon-corretto-headless      x86_64            1:17.0.11+9-1.amzn2023.1            amazonlinux     91 M
  javapackages-filessystem              noarch            6.0.0-7.amzn2023.0.6                amazonlinux     12 k
  langpacks-core-font-en                noarch            3.0-21.amzn2023.0.4                 amazonlinux     10 k
  libX11                               x86_64            1.7.2-3.amzn2023.0.4                 amazonlinux     657 k
  libX11-common                         noarch            1.7.2-3.amzn2023.0.4                 amazonlinux     152 k
  libXau                                x86_64            1.0.9-6.amzn2023.0.2                 amazonlinux     31 k
  libXext                               x86_64            1.3.4-6.amzn2023.0.2                 amazonlinux     41 k
  libXrender                            x86_64            0.9.10-14.amzn2023.0.2              amazonlinux     28 k
  libbrotli                             x86_64            1.0.9-4.amzn2023.0.2                 amazonlinux     315 k
  libjpeg-turbo                         x86_64            2.1.4-2.amzn2023.0.5                 amazonlinux     190 k
  libpng                                x86_64            2:1.6.37-10.amzn2023.0.6            amazonlinux     128 k
  libxcb                                 x86_64            1.13.1-7.amzn2023.0.2                amazonlinux     230 k
  pixman                                x86_64            0.40.0-3.amzn2023.0.3                amazonlinux     295 k
  xml-common                            noarch            0.6.3-56.amzn2023.0.2               amazonlinux     32 k
=====
Transaction Summary
=====
Install 27 Packages

Total download size: 100 M
```

```
[ec2-user@ip-172-31-21-5 ~]$ sudo yum install jenkins
Last metadata expiration check: 0:06:05 ago on Fri Jul 12 06:18:26 2024.
Dependencies resolved.
=====
Package                        Architecture      Version           Repository        Size
=====
Installing:
jenkins                       noarch            2.452.3-1.1      jenkins           89 M
=====
Transaction Summary
=====
Install 1 Package

Total download size: 89 M
Installed size: 89 M
Is this ok [y/N]: y
Downloading Packages:
jenkins-2.452.3-1.1.noarch.rpm                                26 MB/s | 89 MB  00:03
-----
Total                                                                26 MB/s | 89 MB  00:03
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
Preparing :
Running scriptlet: jenkins-2.452.3-1.1.noarch                1/1
Installing : jenkins-2.452.3-1.1.noarch                      1/1
Running scriptlet: jenkins-2.452.3-1.1.noarch                1/1
Verifying : jenkins-2.452.3-1.1.noarch                       1/1

Installed:
jenkins-2.452.3-1.1.noarch

Complete!
[ec2-user@ip-172-31-21-5 ~]$ yum list |grep java
R-java.x86_64                                4.3.2-1.amzn2023.0.3      amazonlinux
R-java-devel.x86_64                        4.3.2-1.amzn2023.0.3      amazonlinux
ant-javadoc.noarch                        1.10.12-5.amzn2023.0.4    amazonlinux
ant-javaimail.noarch                     1.10.12-5.amzn2023.0.4    amazonlinux
antlr-javadoc.noarch                     2.7.7-69.amzn2023.0.3     amazonlinux
aopalliance-javadoc.noarch               1.0-28.amzn2023.0.3       amazonlinux
apache-commons-beanutils-javadoc.noarch  1.9.4-10.amzn2023.0.3     amazonlinux
apache-commons-cli-javadoc.noarch        1.5.0-3.amzn2023.0.3     amazonlinux
```

create the account

Getting Started

Unlock Jenkins

To ensure Jenkins is securely set up by the administrator, a password has been written to the log ([not sure where to find it?](#)) and this file on the server:

```
/var/lib/jenkins/secrets/initialAdminPassword
```

Please copy the password from either location and paste it below.

Administrator password

Continue

plugins :

Getting Started

Customize Jenkins

Plugins extend Jenkins with additional features to support many different needs.

Install suggested plugins

Install plugins the Jenkins community finds most useful.

Select plugins to install

Select and install plugins most suitable for your needs.

Jenkins 2.452.3

creating the new project:

Jenkins

Search (CTRL+K)

admin

log out

Dashboard >

+ New Item

Build History

Manage Jenkins

My Views

Build Queue

No builds in the queue.

Build Executor Status

Built-In Node

offline

Welcome to Jenkins!

This page is where your Jenkins jobs will be displayed. To get started, you can set up distributed builds or start building a software project.

Start building your software project

Create a job

Set up a distributed build

Set up an agent

Configure a cloud

Learn more about distributed builds


REST API






Jenkins 2.452.3

creating the freestyle project:


Enter an item name


> A job already exists with the name 'web'


 **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.


 **Jenkins**    siddiq kesavan  log out


Dashboard > web > Configuration


Configure **General** Enabled 


 General

 Source Code Management

 Build Triggers

 Build Environment

 Build Steps

 Post-build Actions

Description

Plain text [Preview](#)

☐ Discard old builds ?

☐ GitHub project

☐ This project is parameterised ?

☐ Throttle builds ?

☐ Execute concurrent builds if necessary ?

Advanced ▾


Save


Apply


write the shell scripting :


Dashboard > web > Configuration


Configure


 General


 Source Code Management

 Build Triggers

 Build Environment


 **Build Steps**

 Post-build Actions

 **Execute shell** ?

Command
[See the list of available environment variables](#)

Advanced ▾

 **Execute shell** ?

Command
[See the list of available environment variables](#)

Save

Apply

build the task:

Dashboard > web >

Status

</> Changes

Workspace

Build Now

Configure

Delete Project

Rename

web

creating the task

Permalinks

Builds

No builds

Edit description

REST APIJenkins 2.467

Dashboard > web > #3 > Console Output

Status

</> Changes

Console Output

Edit Build Information

Delete build '#3'

Timings

Previous Build

Console Output

DownloadCopyView as plain text

Started by user [siddiq kesavan](#)
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/web
[web] \$ /bin/sh -xe /tmp/jenkins16234738642377189188.sh
+ jenkins --version
2.467
Finished: SUCCESS

REST APIJenkins 2.467

created project.

create the user:

Dashboard > Manage Jenkins

Building on the built-in node can be a security issue. You should set up distributed builds. See [the documentation](#). [Set up agent](#) [Set up cloud](#) [Dismiss](#)

Build Queue
No builds in the queue.

[Build Executor Status](#) 0/2

System Configuration

- System**
Configure global settings and paths.
- Tools**
Configure tools, their locations and automatic installers.
- Plugins**
Add, remove, disable or enable plugins that can extend the functionality of Jenkins.
- Nodes**
Add, remove, control and monitor the various nodes that Jenkins runs jobs on.
- Clouds**
Add, remove, and configure cloud instances to provision agents on-demand.
- Appearance**
Configure the look and feel of Jenkins

Security

- Security**
Secure Jenkins; define who is allowed to access/use the system.
- Credentials**
Configure credentials
- Credential Providers**
Configure the credential providers and types
- Users**
Create/delete/modify users that can log in to this Jenkins.

Status Information



select the user.

Dashboard > Manage Jenkins > Jenkins' own user database

Users 1

[+ Create User](#)

These users can log into Jenkins. This is a sub set of [this list](#), which also contains auto-created users who really just made some commits on some projects and have no direct Jenkins access.

User ID	Name
 siddiq	siddiq kesavan 

Jenkins 2.467

select the create user.

Dashboard > Manage Jenkins > Jenkins' own user database > Create User

Create User

Username

kesavan

Password

Confirm password

Full name

siddiq kesavan


E-mail address

siddiqkesavan@gmail.com


Create User


Jenkins 2.467

enter the detail and create user.

 **Jenkins**

Search (CTRL+K)

 1

 siddiq kesavan






log out

Dashboard > Jenkins' own user database

Users 2

+ Create User

These users can log into Jenkins. This is a sub set of [this list](#), which also contains auto-created users who really just made some commits on some projects and have no direct Jenkins access.

User ID ↓	Name	
 kesavan	siddiq kesavan	 
 siddiq	siddiq kesavan	

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another user created.