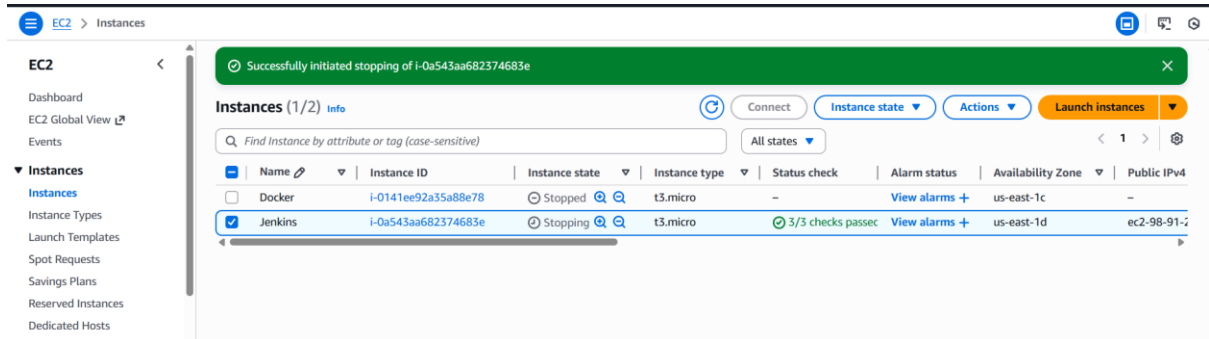


Automatically Build the job

Login AWS Console

Create EC2 instance



Install Jenkins on your EC2 instance

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

Getting Started

Organization and Administration

Build Features

Build Tools

Build Analysis and Reporting

Pipelines and Continuous Delivery

Source Code Management

Distributed Builds

User Management and Security

Notifications and Publishing

Appearance

Languages

All | None | Suggested

Selected (0/52)

Note that the full list of plugins is not shown here. Additional plugins can be installed in the **Plugin Manager** once the initial setup is complete. [See the documentation for more information.](#)

Organization and Administration (0/4)

☐ Dashboard View

Customizable dashboard that can present various views of job information.

28 >

☐ Folders

This plugin allows users to create "folders" to organize jobs. Users can define custom taxonomies (like by project type, organization type etc). Folders are nestable and you can define views within folders. Maintained by CloudBees, Inc.

2 >

☐ Configuration as Code

This plugin allows configuration of Jenkins based on human-readable declarative configuration files.

17 >

☐ OWASP Markup Formatter

Uses the [OWASP Java HTML Sanitizer](#) to allow safe-seeming HTML markup to be entered in project descriptions and the like.

>

Build Features (0/9)

☐ Build Name and Description Setter

This plug-in sets the display name and description of a build to something other than #1, #2, #3, ...

31 >

☐ Build Timeout

7 >

Jenkins 2.541.1

BackInstall

Add Username,Password,Confirm Password,Full Name and save .

Getting Started

Create First Admin User

Username

admin

Password

.....

Confirm password

.....

Full name

Arati Yadav

Jenkins 2.541.1

Skip and continue as adminSave and Continue

Instance Configuration

Jenkins URL:

http://98.91.219.19:8080/

The Jenkins URL is used to provide the root URL for absolute links to various Jenkins resources. That means this value is required for proper operation of many Jenkins features including email notifications, PR status updates, and the BUILD_URL environment variable provided to build steps.

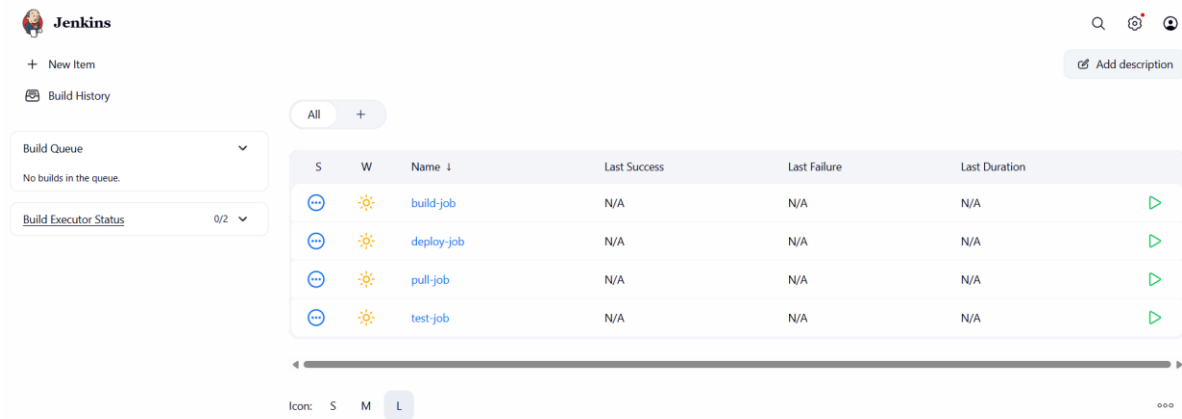
The proposed default value shown is **not saved yet** and is generated from the current request, if possible. The best practice is to set this value to the URL that users are expected to use. This will avoid confusion when sharing or viewing links.

Jenkins is ready!

Your Jenkins setup is complete.

Start using Jenkins

Create job Named as Pull-job , Build-job , test-job , deploy-job



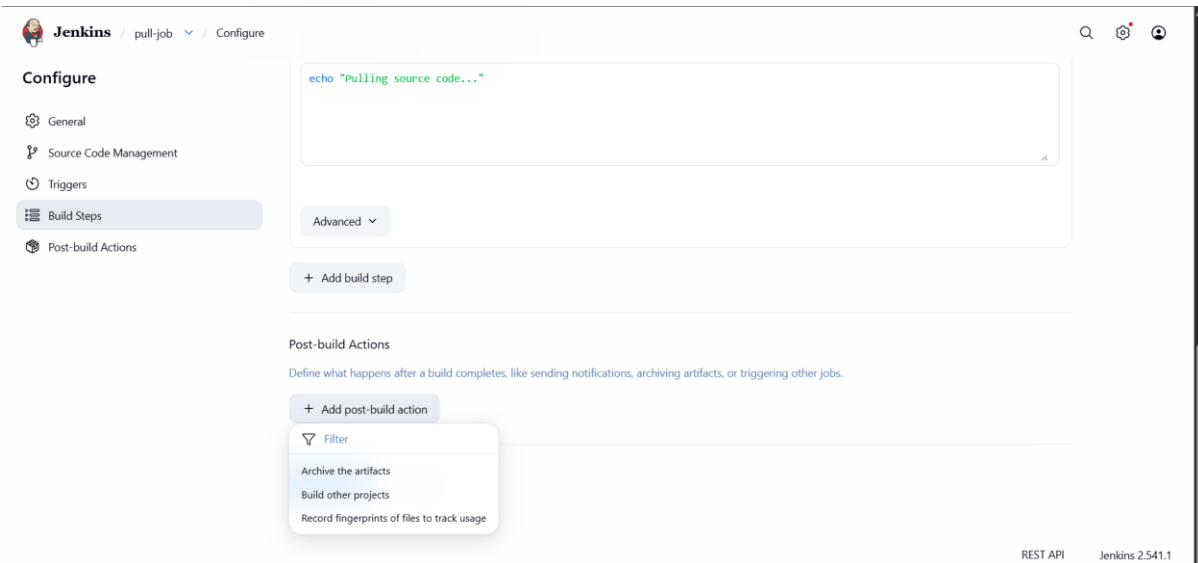
The screenshot shows the Jenkins dashboard. On the left, there's a sidebar with 'Jenkins' logo, '+ New Item', 'Build History', 'Build Queue' (showing 'No builds in the queue.'), and 'Build Executor Status' (showing '0/2'). The main area displays a table of jobs. The table has columns: 'S' (Status), 'W' (Web icon), 'Name', 'Last Success', 'Last Failure', and 'Last Duration'. There are four jobs listed: 'build-job', 'deploy-job', 'pull-job', and 'test-job'. All jobs show 'N/A' for 'Last Success' and 'Last Failure', and 'N/A' for 'Last Duration'. Below the table, there's a 'Icons: S M L' section.

S	W	Name	Last Success	Last Failure	Last Duration
...	☀	build-job	N/A	N/A	N/A
...	☀	deploy-job	N/A	N/A	N/A
...	☀	pull-job	N/A	N/A	N/A
...	☀	test-job	N/A	N/A	N/A

Build Steps and select Post-build Actions section.

Post-build Actions (What happens after build finishes)


This section defines what Jenkins does AFTER the build completes



The screenshot shows the Jenkins configuration page for a job named 'pull-job'. The left sidebar has 'Configure' at the top, followed by 'General', 'Source Code Management', 'Triggers', 'Build Steps', and 'Post-build Actions'. The main area shows the 'Post-build Actions' section. It has a text area with the command 'echo "Pulling source code..."'. Below this, there's a 'Post-build Actions' section with a description: 'Define what happens after a build completes, like sending notifications, archiving artifacts, or triggering other jobs.' There's a '+ Add post-build action' button. A dropdown menu is open, showing options: 'Filter', 'Archive the artifacts', 'Build other projects', and 'Record fingerprints of files to track usage'. The bottom right corner shows 'REST API' and 'Jenkins 2.541.1'.

Build other projects : After this job finishes, Jenkins will automatically trigger another job.

When pull-job finishes, Jenkins starts build-job.

 Jenkins

pull-job

Configure

Configure

General

Source Code Management

Triggers

Build Steps

Post-build Actions

+ Add build step

Post-build Actions

Define what happens after a build completes, like sending notifications, archiving artifacts, or triggering other jobs.

Build other projects ?

Projects to build

build-job

☐ Trigger only if build is stable

☒ Trigger even if the build is unstable


☐ Trigger even if the build fails

+ Add post-build action

Save

Apply

When build-job finishes, Jenkins starts test-job.

 Jenkins

build-job

Configure

Configure

General

Source Code Management

Triggers

Build Steps

Post-build Actions

Advanced

+ Add build step

Post-build Actions

Define what happens after a build completes, like sending notifications, archiving artifacts, or triggering other jobs.

Build other projects ?

Projects to build

test-job

☐ Trigger only if build is stable

☒ Trigger even if the build is unstable

☐ Trigger even if the build fails

+ Add post-build action

Save

Apply

When test-job finishes, Jenkins starts deploy-job.

Jenkins

test-job

Configure

Search

Notifications

User

Configure

General

Source Code Management

Triggers

Build Steps

Post-build Actions

+ Add build step

Post-build Actions

Define what happens after a build completes, like sending notifications, archiving artifacts, or triggering other jobs.

Build other projects ?

Projects to build

deploy-job

Trigger only if build is stable

Trigger even if the build is unstable

Trigger even if the build fails

+ Add post-build action

Save

Apply

DECT ADI Jenkins 2.41.1

Click “Build Now”

Jenkins

+ New Item

Build History

Build Queue

No builds in the queue.

Build Executor Status

0/2

Search

Notifications

User

Add description

All

+

S	W	Name ↓	Last Success	Last Failure	Last Duration	
...	☀	build-job	N/A	N/A	N/A	▶
...	☀	deploy-job	N/A	N/A	N/A	▶
...	☀	pull-job	N/A	N/A	N/A	▶
...	☀	test-job	N/A	N/A	N/A	▶

<> Changes

Workspace

Build Now

Configure

Delete Project

Rename

Icons: S M L

Jenkins

+ New Item

Build History

Build Queue

No builds in the queue.

Build Executor Status

0/2

Search

Notifications

User

Add description

All

+

S	W	Name ↓	Last Success	Last Failure	Last Duration	
✔	☀	build-job	21 sec #1	N/A	12 ms	▶
✔	☀	deploy-job	1.5 sec #1	N/A	12 ms	▶
✔	☀	pull-job	28 sec #1	N/A	54 ms	▶
✔	☀	test-job	11 sec #1	N/A	22 ms	▶

Icons: S M L

This is output for all jobs.

- Status
- Changes
- Console Output
- Edit Build Information
- Delete build '#1'

Console

Download Copy View as plain text

```
Started by user Arati Yadav
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/pull-job
[pull-job] $ /bin/sh -xe /tmp/jenkins8103487475675905575.sh
+ echo Pulling source code...
Pulling source code...
Triggering a new build of build-job
Finished: SUCCESS
```

- Status
- Changes
- Console Output
- Edit Build Information
- Delete build '#1'

Console

Download Copy View as plain text

```
Started by upstream project "pull-job" build number 1
originally caused by:
  Started by user Arati Yadav
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/build-job
[build-job] $ /bin/sh -xe /tmp/jenkins5798536234745112829.sh
+ echo Building application...
Building application...
Triggering a new build of test-job
Finished: SUCCESS
```

- Status
- Changes
- Console Output
- Edit Build Information
- Delete build '#1'

Console

Download Copy View as plain text

```
Started by upstream project "build-job" build number 1
originally caused by:
  Started by upstream project "pull-job" build number 1
  originally caused by:
    Started by user Arati Yadav
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/test-job
[test-job] $ /bin/sh -xe /tmp/jenkins14275634928870983730.sh
+ echo Running tests...
Running tests...
Triggering a new build of deploy-job
Finished: SUCCESS
```

- Status
- Changes
- Console Output
- Edit Build Information
- Delete build '#1'

Console

Download Copy View as plain text

```
Started by upstream project "test-job" build number 1
originally caused by:
  Started by upstream project "build-job" build number 1
  originally caused by:
    Started by upstream project "pull-job" build number 1
    originally caused by:
      Started by user Arati Yadav
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/deploy-job
[deploy-job] $ /bin/sh -xe /tmp/jenkins16389127578016297893.sh
+ echo Deploying application...
Deploying application...
Finished: SUCCESS
```