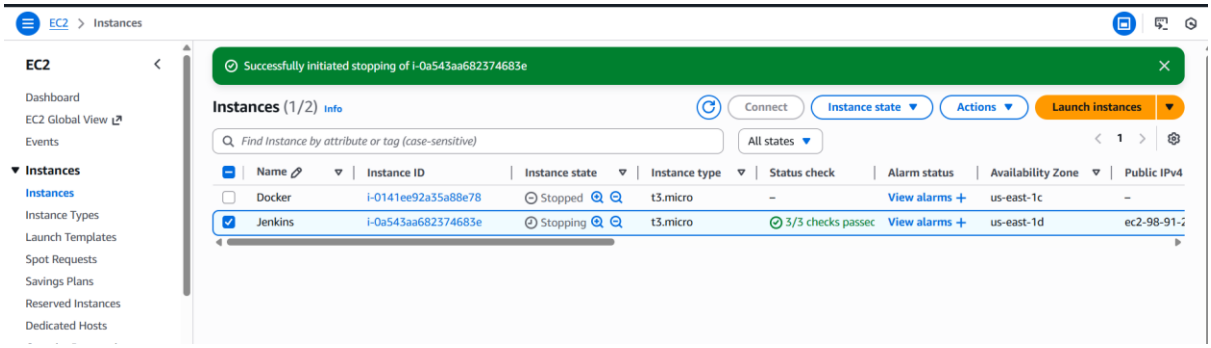
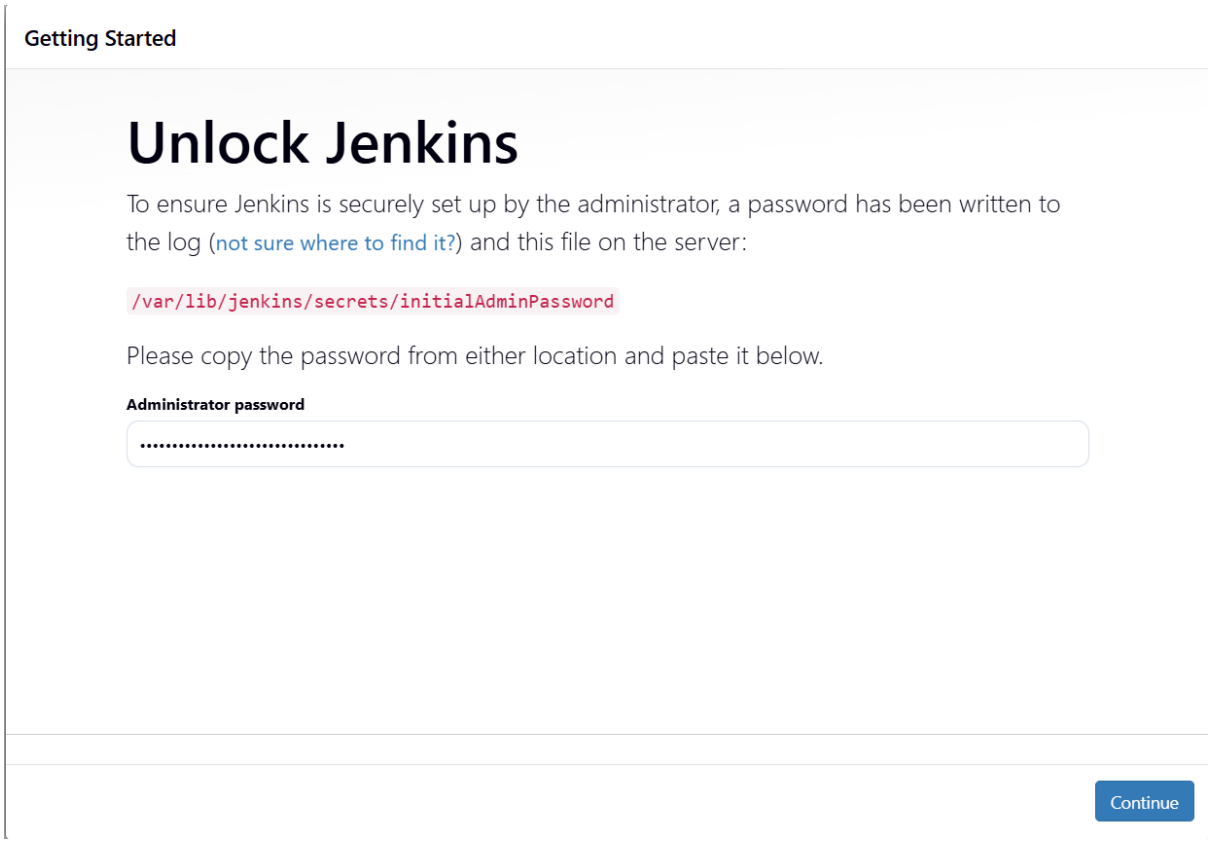
Automatically Build the job

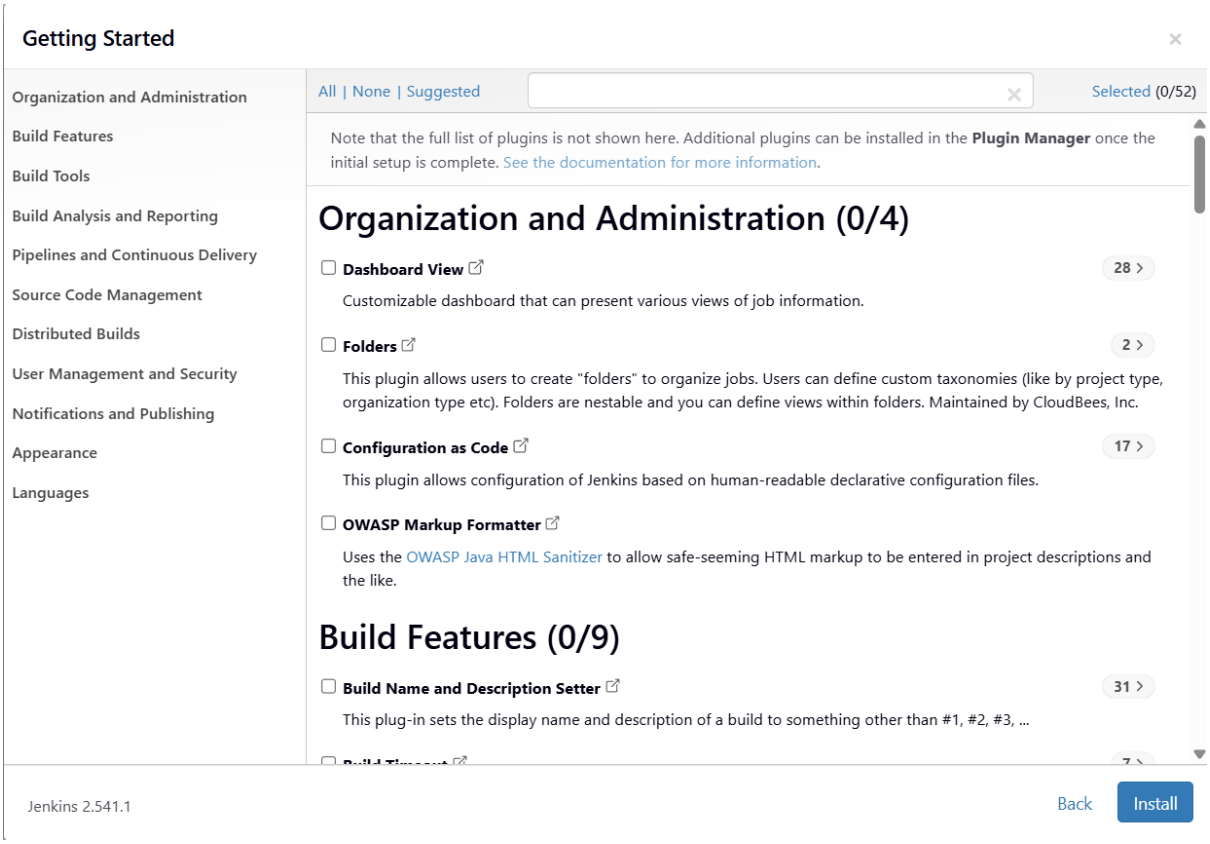
Login AWS Console

Create EC2 instance

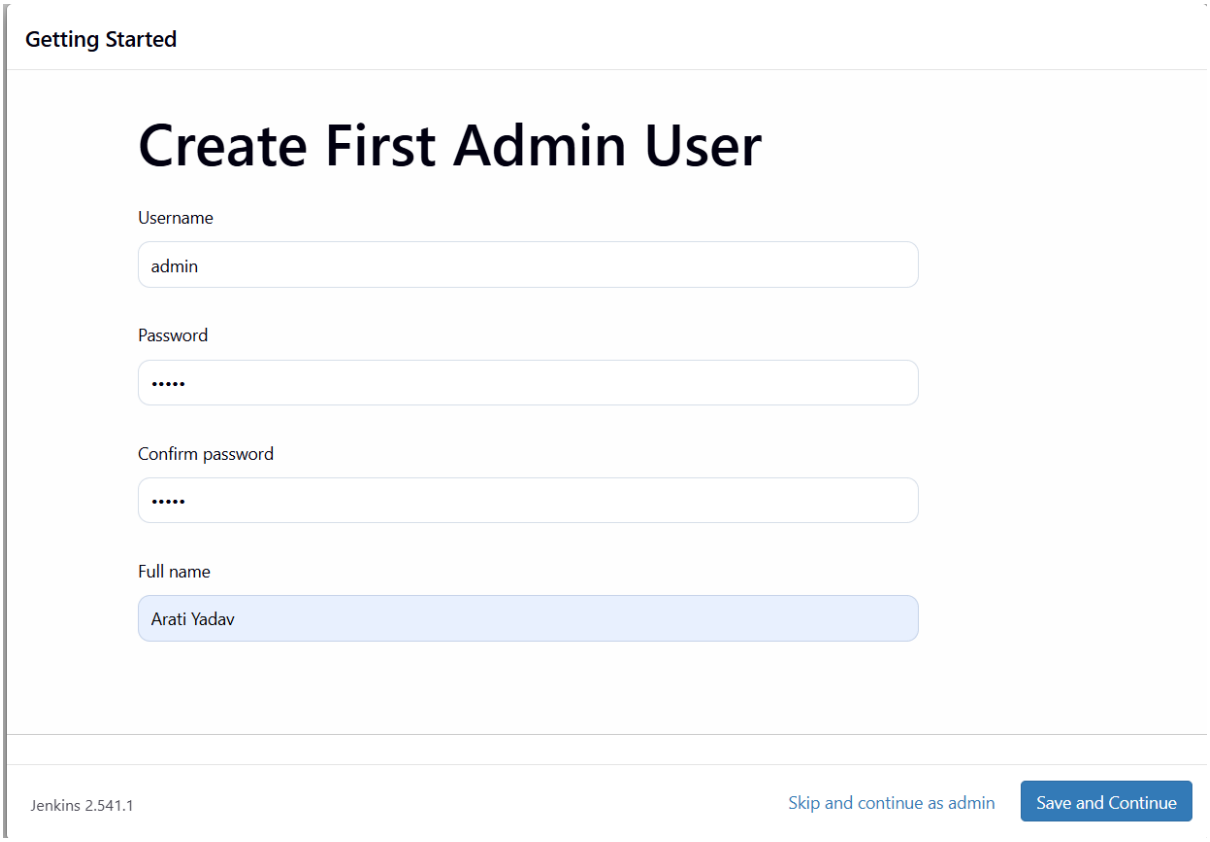


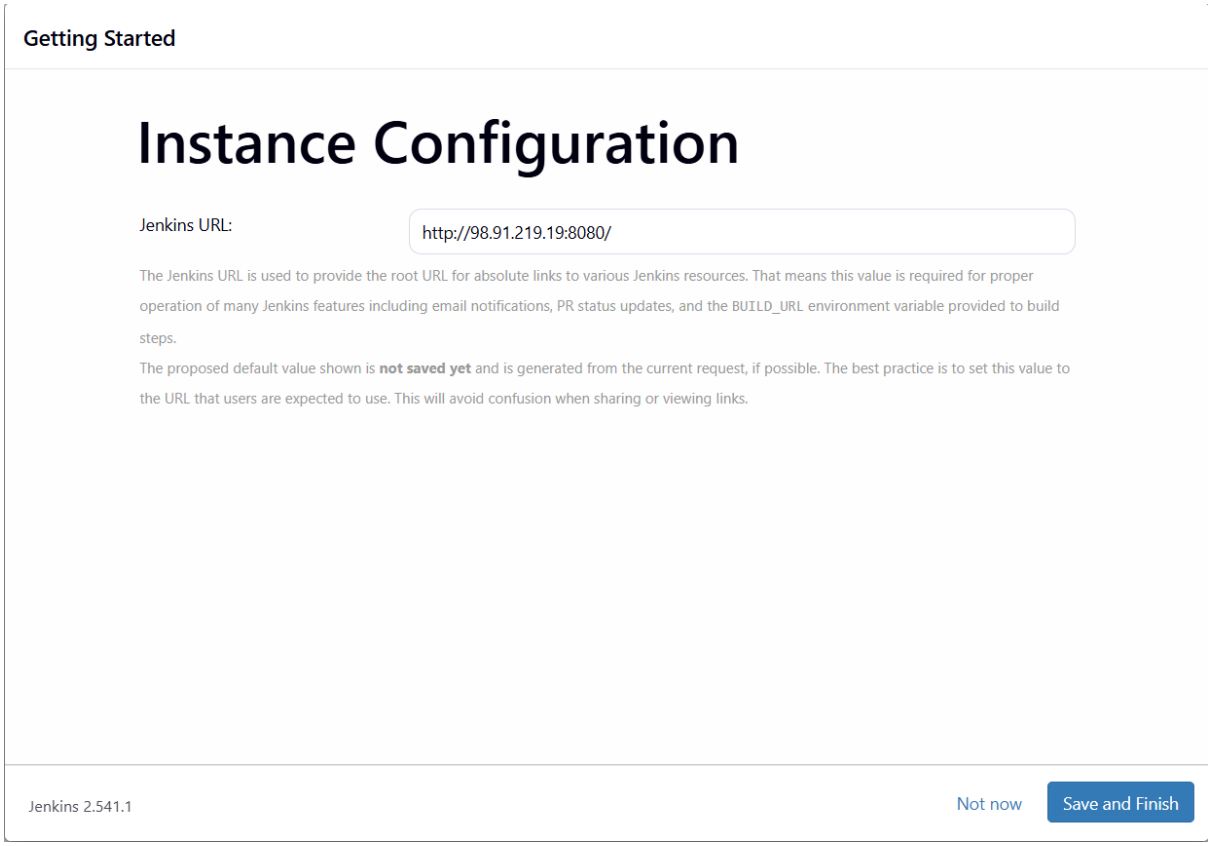
Install Jenkins on your EC2 instance

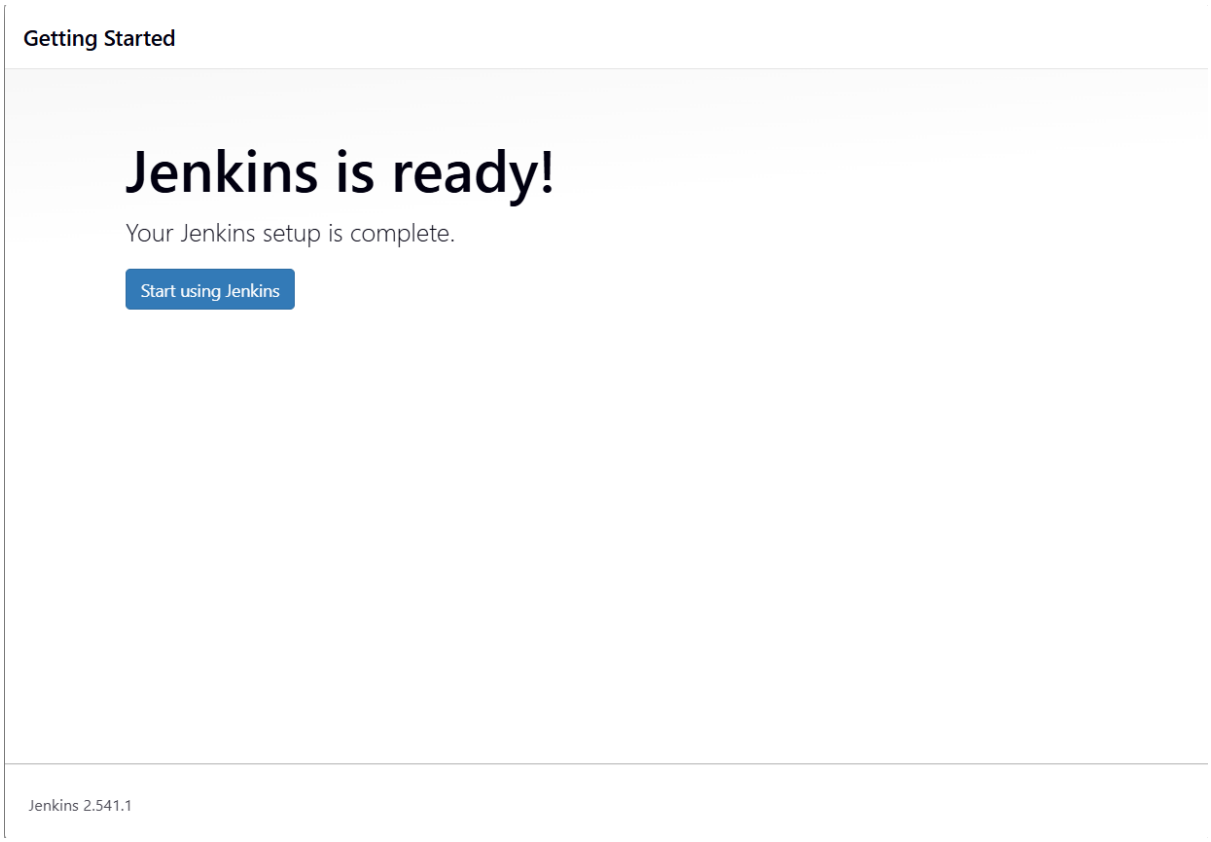




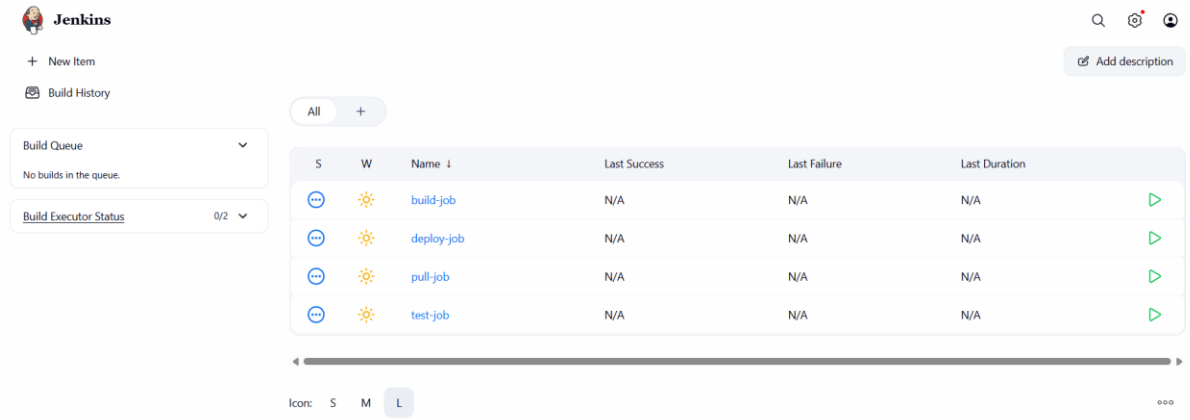
Add Username,Password,Confirm Password,Full Name and save .




Getting Started
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 2.541.1
Not now
Save and Finish


Getting Started
Jenkins is ready!
Your Jenkins setup is complete.
Start using Jenkins
Jenkins 2.541.1

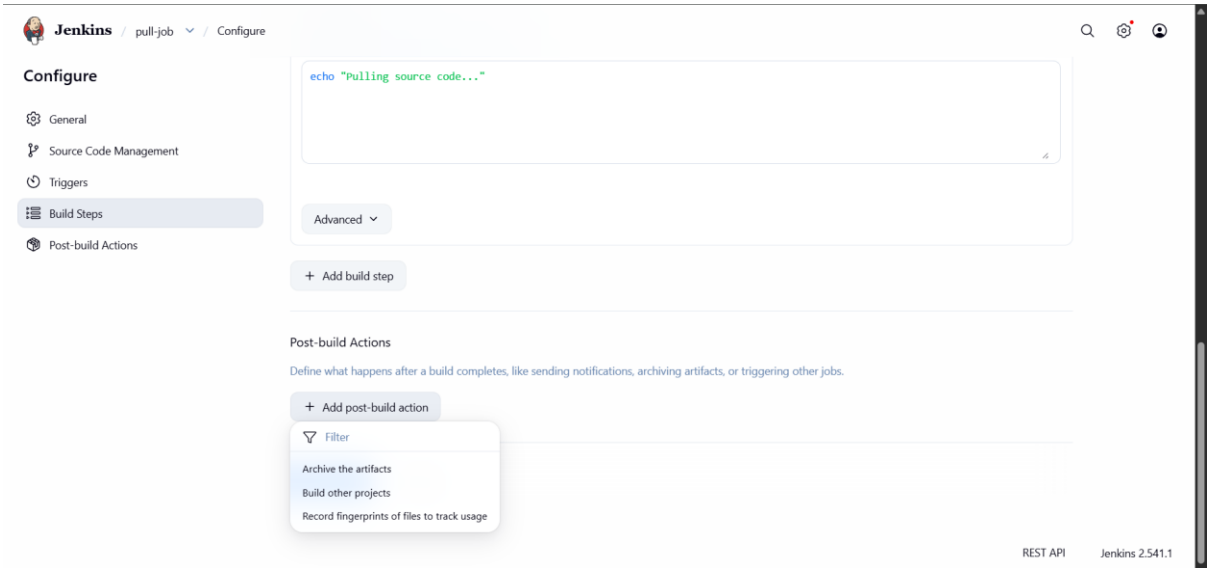
Create job Named as Pull-job , Build-job , test-job , deploy-job



Build Steps and select Post-build Actions section.

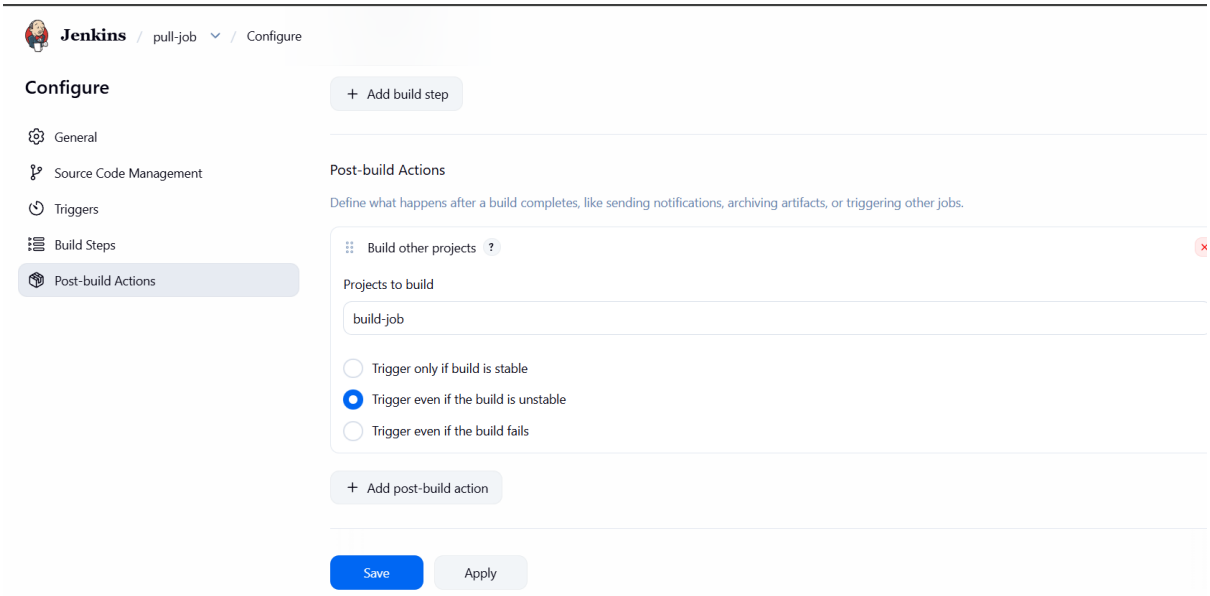
Post-build Actions (What happens after build finishes)

This section defines what Jenkins does AFTER the build completes

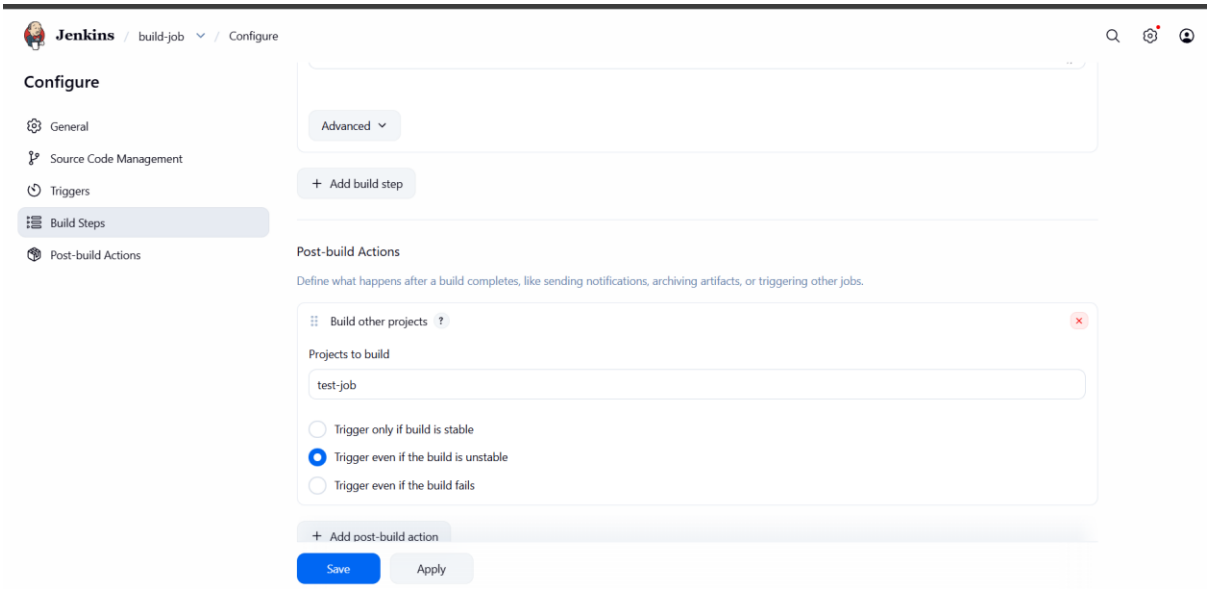


Build other projects : After this job finishes, Jenkins will automatically trigger another job.

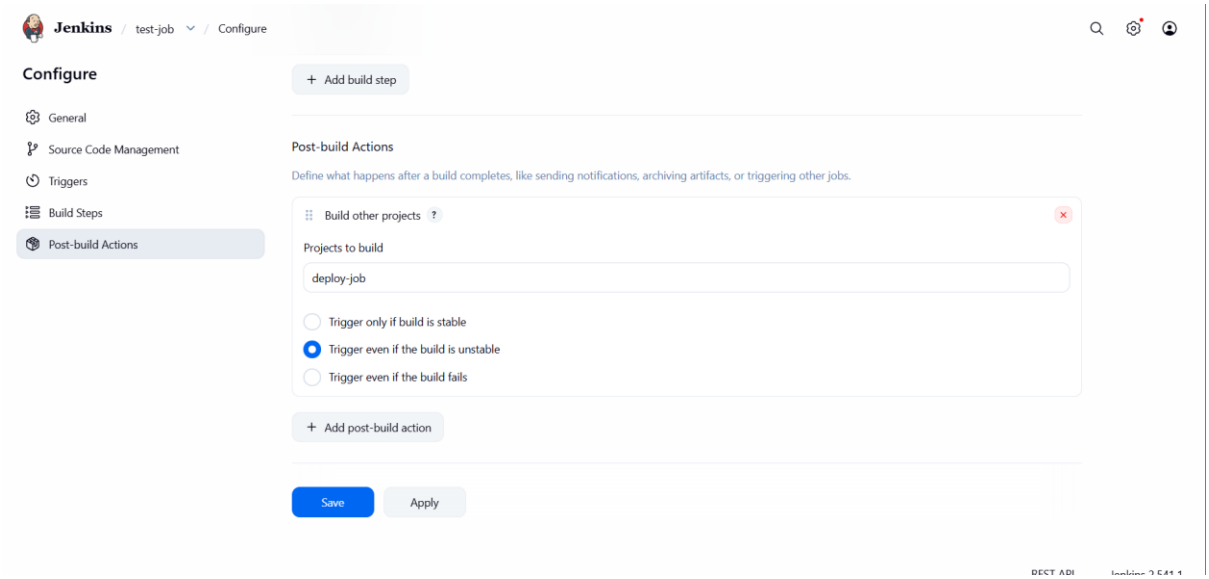
When pull-job finishes, Jenkins starts build-job.



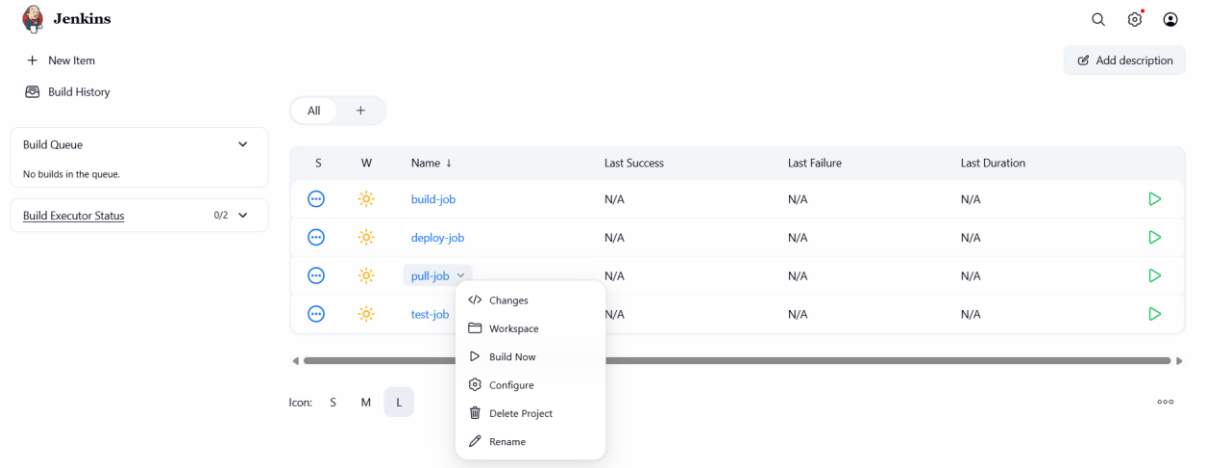
When build-job finishes, Jenkins starts test-job.

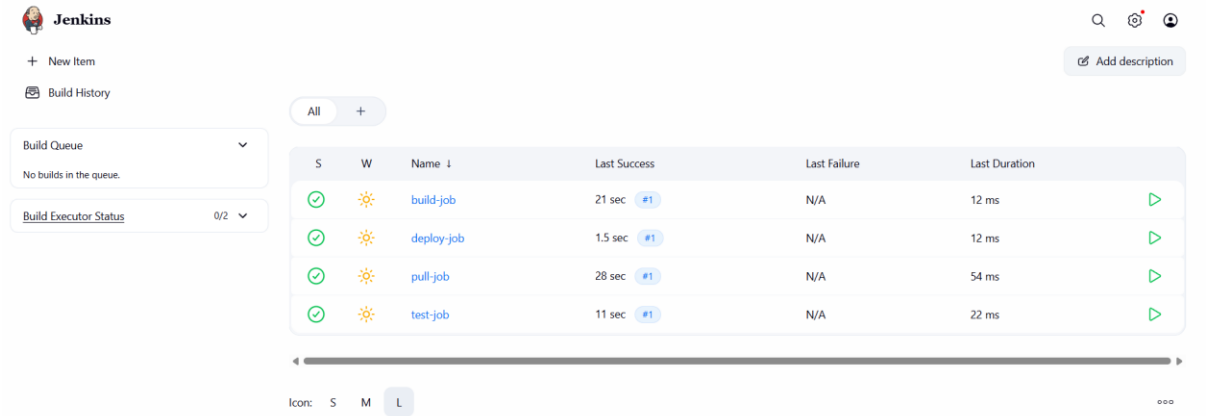


When test-job finishes, Jenkins starts deploy-job.



Click “Build Now”



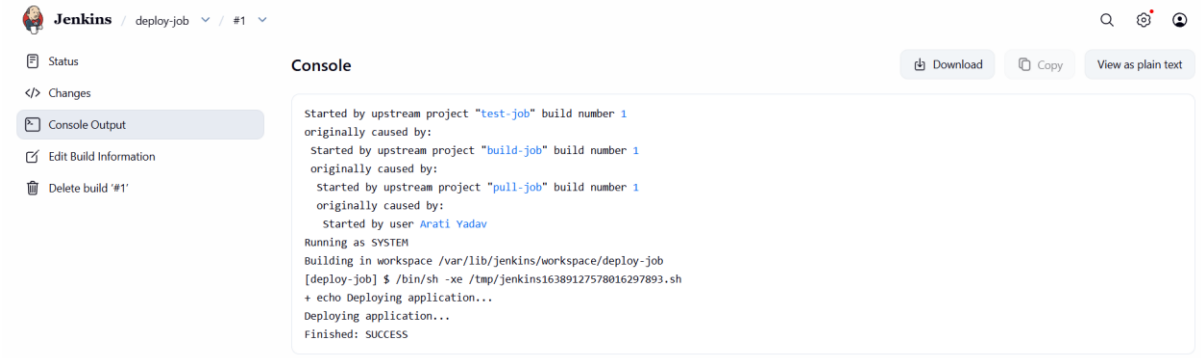


This is output for all jobs.

Jenkins / pull-job / #1
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/jenkins810348747567590557 5.sh
+ echo Pulling source code...
Pulling source code...
Triggering a new build of build-job
Finished: SUCCESS

Jenkins / build-job / #1
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

Jenkins / test-job / #1
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/jenkins1427563492887098 3730.sh
+ echo Running tests...
Running tests...
Triggering a new build of deploy-job
Finished: SUCCESS


Jenkins / deploy-job / #1
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/jenkins1638912757801629 7893.sh
+ echo Deploying application...
Deploying application...
Finished: SUCCESS