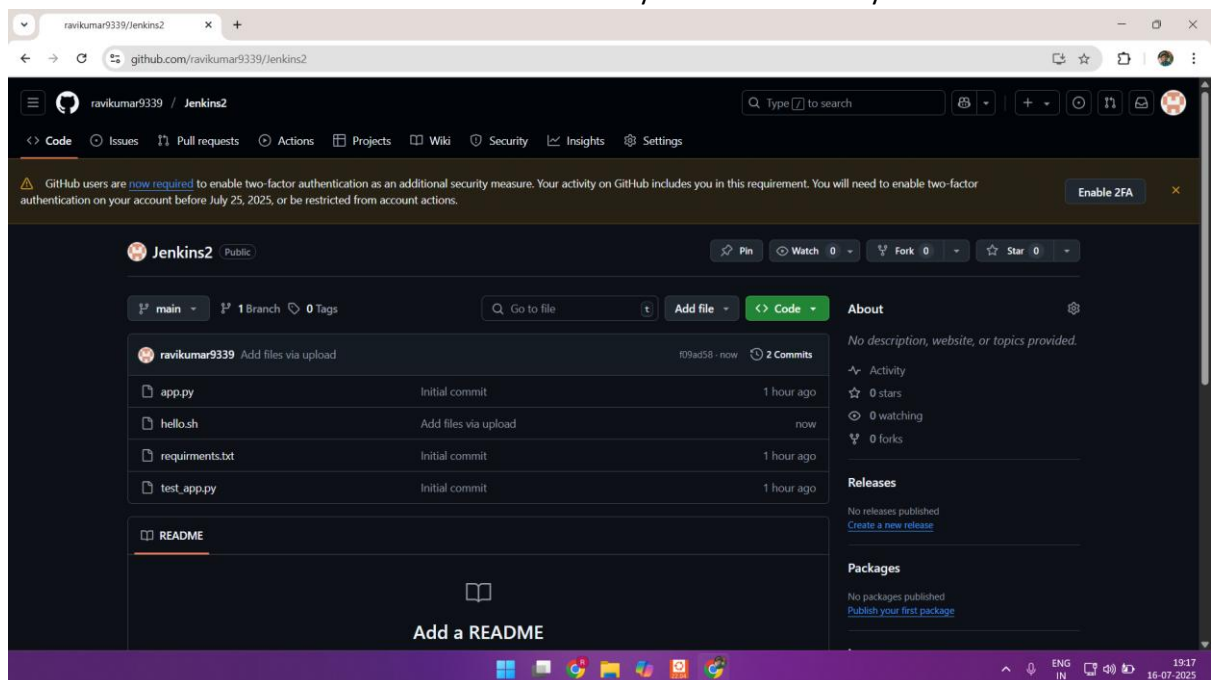


Create a simple script file and push it to repo. Create a project in Jenkins connected to your GitHub repository. When a commit is made to your repo, automatically build must get triggered from Jenkins and the output must be shared to me via email.

1. First I Created a file in VS Code locally. Then I pushed into the github repository, in between I have created Jenkins dashboard using aws instance and installed Jenkins.
2. In Github, the file settings webhook is there inside that payload url is there paste that Jenkins setup url, then in Jenkins dashboard create a freestyle projects inside that put the file name in execute command.
3. Then go to manage Jenkins, system configuration below E-mail notification there, add the email, password, smtp port, use tls, test configure email id and save.
4. Then in fresstyle project file also need to go to configure and email notification put it in that email id, Then save.
5. Now build that file. It should build and it should notify in email id in every execution.



```
pending kernel upgrade!  
Running kernel version:  
6.8.0-1029-aws  
Diagnostics:  
The currently running kernel version is not the expected kernel version 6.8.0-1031-aws.  
Restarting the system to load the new kernel will not be handled automatically, so you should consider rebooting.  
Restarting services...  
Service restarts being deferred:  
/etc/needrestart/restart.d/dbus.service  
systemctl restart getty@tty1.service  
systemctl restart networkd-dispatcher.service  
systemctl restart serial-getty@ttyS0.service  
systemctl restart systemd-logind.service  
systemctl restart unattended-upgrade.service  
No containers need to be restarted.  
User sessions running outdated binaries:  
ubuntu@ session #1: sshd[851,1486]  
ubuntu@ip-172-31-1-153:~$ java -version  
openjdk version "17.0.15" 2025-04-15  
OpenJDK Runtime Environment (build 17.0.15+6-Ubuntu-0ubuntu124.04)  
OpenJDK 64-Bit Server VM (build 17.0.15+6-Ubuntu-0ubuntu124.04, mixed mode, sharing)  
ubuntu@ip-172-31-1-153:~$
```

i-03da03b544aa62a0b (Jenkins\_Task2)

PublicIPs: 3.109.124.201 PrivateIPs: 172.31.1.153

CloudShell Feedback

© 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

ENG IN 19:29 16-07-2025

ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?addressfamily=ipv4&connType=standard&instanceId=i-03da03b544aa62a0b&osUser=ubuntu&region=ap-south-1&ssh...

Search [Alt+S]

EC2

```
ubuntu@ip-172-31-1-153:~$ sudo apt update  
Hit:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble InRelease  
Hit:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease  
Hit:3 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease  
Ign:4 https://pkg.jenkins.io/debian binary/ InRelease  
Get:5 https://pkg.jenkins.io/debian binary/ Release [204 B]  
Get:6 https://pkg.jenkins.io/debian binary/ Release.gpg [833 B]  
Hit:7 http://security.ubuntu.com/ubuntu noble-security InRelease  
Get:8 https://pkg.jenkins.io/debian binary/ Packages [71.2 kB]  
Fetched 74.1 kB in 1s (94.5 kB/s)  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
10 packages can be upgraded. Run 'apt list --upgradable' to see them.  
ubuntu@ip-172-31-1-153:~$ sudo apt install -y jenkins  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
The following additional packages will be installed:  
  net-tools  
The following NEW packages will be installed:  
  jenkins net-tools  
0 upgraded, 2 newly installed, 0 to remove and 10 not upgraded.  
Need to get 94.5 MB of archives.  
After this operation, 95.7 MB of additional disk space will be used.  
Get:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 net-tools amd64 2.10-0.1ubuntu4.4 [204 kB]  
Get:2 https://pkg.jenkins.io/debian binary/ jenkins 2.519 [94.3 MB]  
4192 kB/s 13...
```

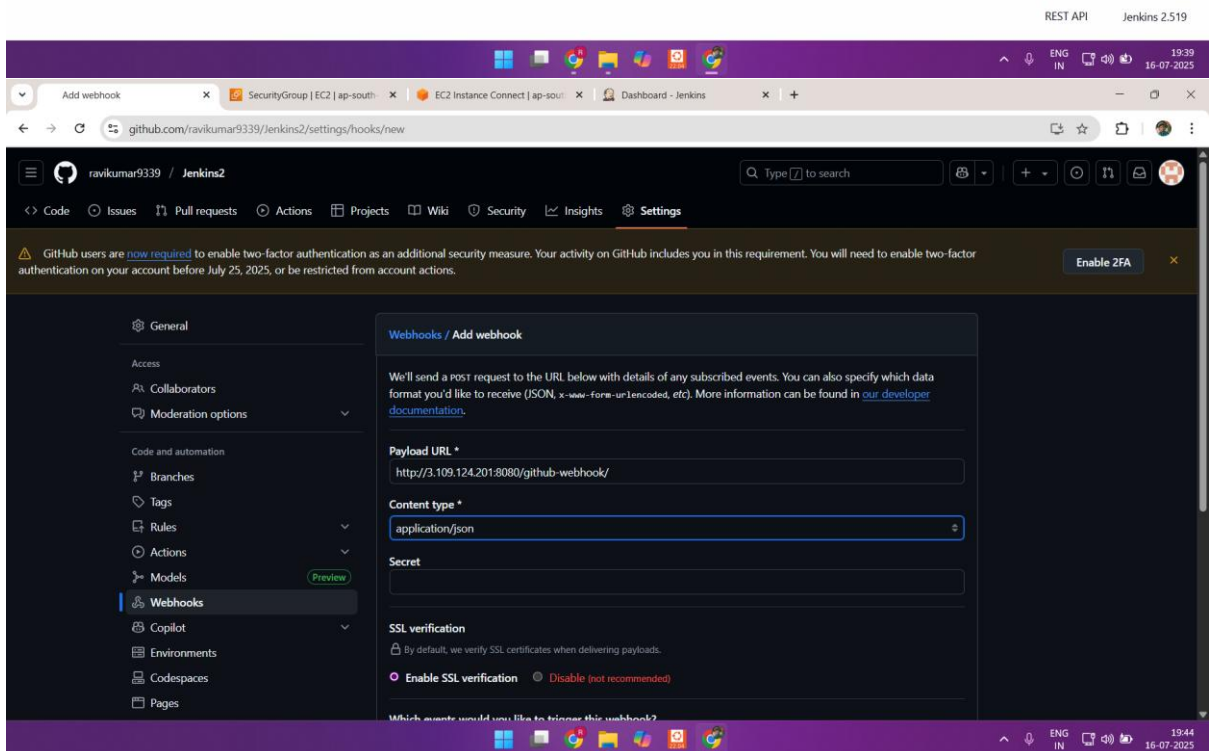
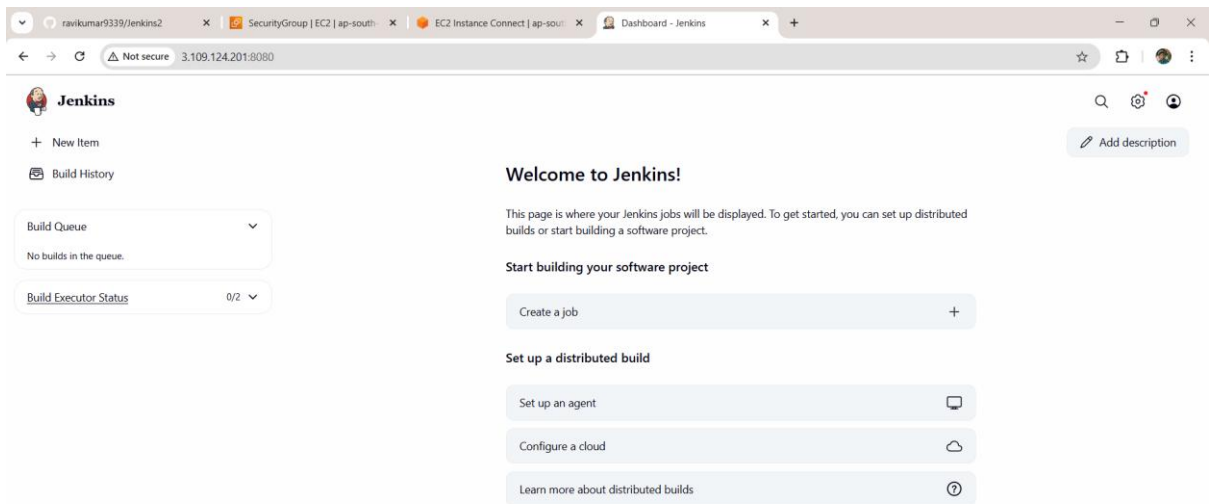
i-03da03b544aa62a0b (Jenkins\_Task2)

PublicIPs: 3.109.124.201 PrivateIPs: 172.31.1.153

CloudShell Feedback

© 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

ENG IN 19:30 16-07-2025



jenkins / Configuration

Configure

- General
- Source Code Management
- Triggers
- Environment
- Build Steps
- Post-build Actions

☐ Delete workspace before build starts

☐ Use secret text(s) or file(s) ?

☐ Add timestamps to the Console Output

☐ Inspect build log for published build scans

☐ Terminate a build if it's stuck

☐ With Ant ?

Build Steps

Automate your build process with ordered tasks like code compilation, testing, and deployment.

Execute shell ?

Command

See the list of available environment variables

```
./hello.sh
```

Save

Apply

App passwords

App passwords help you sign into your Google Account on older apps and services that don't support modern security standards.

App passwords are less secure than using up-to-date apps and services that use modern security standards. Before you create an app password, you should check to see if your app needs this in order to sign in.

[Learn more](#)

Your app passwords

Mail

Created on 8:26 PM

To create a new app specific password, type a name for it below...

App name

Create

myaccount.google.com/apppasswords?pli=1&rapt=AEjHL4PpdT0sNcdB6gVxv7b2yUT-lsKdaMukroO4R7QRm4c1HFGC-5qgDDfzDUBFTawDT4ftZmmE3IOb08qyTHd5wT3EgJ80BAkbGee...

Google Account

App passwords

App passwords help services that don't use modern security. App passwords are that use modern security, you should check to see if you need them. [Learn more](#)

Generated app password

Your app password for your device

jgaj ehss quvt fhli

How to use it

Go to the settings for your Google Account in the application or device you are trying to set up. Replace your password with the 16-character password shown above.

Just like your normal password, this app password grants complete access to your Google Account. You won't need to remember it, so don't write it down or share it with anyone.

Done

Your app passwords

Mail

Jenkins

To create a new app password, click on the app you want to add.

App name

ravikumar9339/jenkins2

SecurityGroup | EC2 | ap-south-1

EC2 Instance Connect | ap-south-1

System - Jenkins

3.109.124.201:8080/manage/configure

Jenkins / Manage Jenkins / System

\*\*\*\*\*

☐ Use SSL ?

☒ Use TLS

SMTP Port ?

587

Reply-To Address

Charset

UTF-8

☒ Test configuration by sending test e-mail

Test e-mail recipient

ravikumar.9339@gmail.com

Email was successfully sent

Test configuration

Save

Apply

jenkins

Dashboard - Jenkins

3.109.124.201:8080

New Item

Build History

Build Queue

No builds in the queue.

Build Executor Status

0/2

All

+

S	W	Name	Last Success	Last Failure	Last Duration
		jenkinstask2	N/A	N/A	N/A

Icon: S M L

Add description

jenkins

jenkinstask2 / Configuration

3.109.124.201:8080/job/jenkinstask2/configure

General

Source Code Management

Triggers

Environment

Build Steps

Post-build Actions

Post-build Actions

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

E-mail Notification

Recipients

Whitespace-separated list of recipient addresses. May reference build parameters like \$PARAM. E-mail will be sent when a build fails, becomes unstable or returns to stable.

ravikumar.9339@gmail.com

☒ Send e-mail for every unstable build

?

☐ Send separate e-mails to individuals who broke the build

Add post-build action

Save

Apply

REST API

Jenkins 2.519

21:03

16-07-2025

github.com/settings/personal-access-tokens/7634063

GmailYouTubeClassify

github

Type [7] to search

Enable 2FA

GitHub Apps

OAuth Apps

Personal access tokens

Fine-grained tokens

Tokens (classic)

ravimccullum

Edit

No description

Created today.

Expires on Fri, Aug 15 2025

Delete

Regenerate token

Access on [ravikumar9339](#)

UpdateCancel

Repository access

Select the repositories this token can access. Personal access tokens can always read from all public repositories on GitHub.com

Public repositories

Read-only access to public repositories.

All repositories

This applies to all current and future repositories you own. Also includes public repositories (read-only).

Only select repositories

Select at least one repository. Max 50 repositories. Also includes public repositories (read-only).

ravikumar9339SecurityGroup | EC2 | ap-south-EC2 Instance Connect | ap-south-jenkinstask2 #3 - Jenkins

Not secure3.109.124.201:8080/job/jenkinstask2/3/

Jenkinsjenkinstask2#3

StatusChangesConsole OutputEdit Build InformationDelete build '#3'TimingsGit Build DataPrevious Build

#3 (Jul 16, 2025, 3:44:44 PM)

Add descriptionKeep this build forever

Started 10 sec agoTook 4.3 sec

Started by user Ravikumar R

This run spent:

- 7 ms waiting;
- 4.3 sec build duration;
- 4.4 sec total from scheduled to completion.

git

Revision: f09ad58babea47aad83530bc54a4a61ecbf0f4a

Repository: <https://github.com/ravikumar9339/jenkins2>

refs/remotes/origin/main

No changes.

REST APIJenkins 2.519

ENG IN21:1416-07-2025

