

## Created EC2 :

A screenshot of the AWS CloudWatch Instances interface. It shows a table with one row for a Jenkins instance. The instance details are as follows:

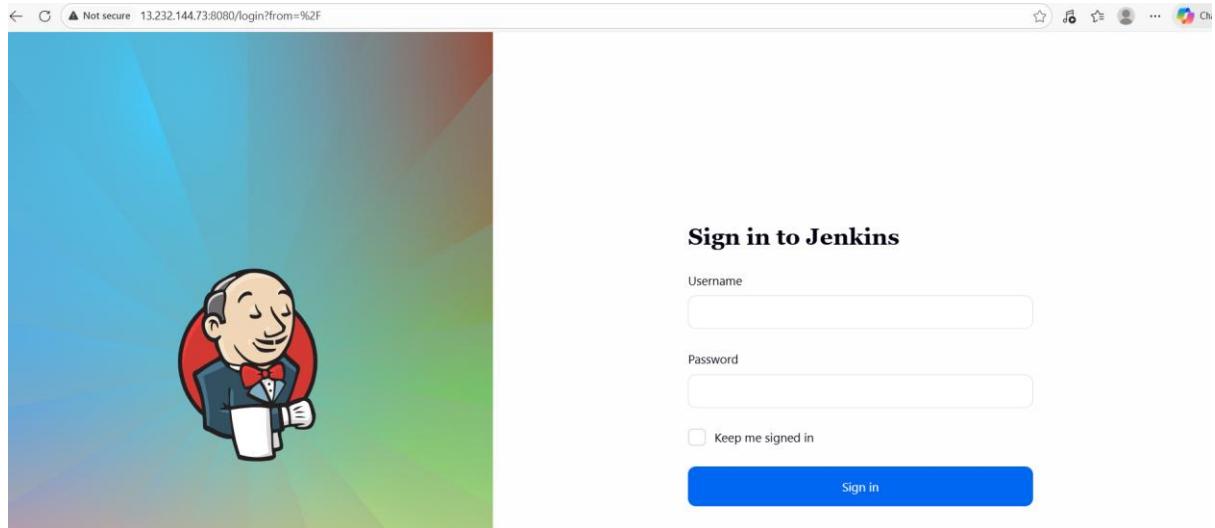
Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 IP	Elastic IP
Jenkins	i-06b1a99c6f22391e1	Running	m7i-flex.large	3/3 checks passed	View alarms	ap-south-1a	ec2-13-232-144-73.ap...	13.232.144.73	-

## Installed Jenkins in EC2 :

```
root@ip-172-31-46-138:~# systemctl status jenkins.service
● jenkins.service - Jenkins Continuous Integration Server
   Loaded: loaded (/opt/jenkins/autostart/jenkins.service; enabled; preset: enabled)
   Active: active (running) since Sun 2026-01-25 11:05:57 UTC; 49min ago
     Main PID: 17032 (java)
       Tasks: 50 (limit: 1283)
      Memory: 16.2M (peak: 778.5M)
        CPU: 1min 9.409s
       CGroup: /system.slice/jenkins.service
               └─17032 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=/var/cache/jenkins/war --httpPort=8080

Jan 25 11:05:56 ip-172-31-46-138 jenkins[17032]: 2026-01-25 11:05:56.818+0000 [id=29]      INFO  jenkins.InitReactorRunner$1@onAttained: System config loaded
Jan 25 11:05:56 ip-172-31-46-138 jenkins[17032]: 2026-01-25 11:05:56.823+0000 [id=32]      INFO  jenkins.InitReactorRunner$1@onAttained: System config adapted
Jan 25 11:05:56 ip-172-31-46-138 jenkins[17032]: 2026-01-25 11:05:56.897+0000 [id=30]      INFO  jenkins.InitReactorRunner$1@onAttained: Loaded all jobs
Jan 25 11:05:56 ip-172-31-46-138 jenkins[17032]: 2026-01-25 11:05:56.909+0000 [id=31]      INFO  jenkins.InitReactorRunner$1@onAttained: Configuration for all jobs updated
Jan 25 11:05:56 ip-172-31-46-138 jenkins[17032]: 2026-01-25 11:05:57.004+0000 [id=23]      INFO  jenkins.InitReactorRunner$1@onAttained: Hudson configuration initialized
Jan 25 11:05:57 ip-172-31-46-138 jenkins[17032]: 2026-01-25 11:05:57.012+0000 [id=23]      INFO  hudson.lifecycle.LifeCycle$onReady: Jenkins is fully up and running
Jan 25 11:05:57 ip-172-31-46-138 jenkins[1]: Started jenkins.service - Jenkins Continuous Integration Server.
Jan 25 11:14:15 ip-172-31-46-138 jenkins[17032]: 2026-01-25 11:14:12.562+0000 [id=16]      INFO  h.p.b.g.GlobalTimeoutConfiguration$configure: global timeout has been cleared
Jan 25 11:14:15 ip-172-31-46-138 jenkins[17032]: 2026-01-25 11:14:12.562+0000 [id=16]      WARNING o.j.p.w.f.FlowExecutionList$FlowDefaultStorage$register: Jenkins task #1 was not in the list to begin with
Jan 25 11:24:54 ip-172-31-46-138 jenkins[17032]: 2026-01-25 11:24:54.153+0000 [id=23]      INFO  h.p.b.g.GlobalTimeoutConfiguration$configure: global timeout has been cleared
root@ip-172-31-46-138:~# apt list jenkins
Listing... Done
...
root@ip-172-31-46-138:~# apt show 2.541.1 all [installed]
...
The following additional versions are available:
  * 2.541.1-150
root@ip-172-31-46-138:~# ps -ef | grep -i jenkins
jenkins  17032      1  2 11:05 ?    00:01:07 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=/var/cache/jenkins/war --httpPort=8080
root    18884  18860  0 11:55 pts/1    00:00:00 grep --color=auto -i jenkins
root@ip-172-31-46-138:~#
```

## Launched Jenkins in Browser:



## Added mail credential in Jenkins:

A screenshot of the Jenkins Manage Jenkins / Credentials page. The page title is "Credentials". Below the title, there is a table with one row containing a credential entry:

Stores scoped to Jenkins
tamilee26@gmail.com/***** System - Global - 7a72c1fa-738d-4653-8101-59fdc35e153

## Created Jenkins file and script file in GIT:

The screenshot shows a GitHub repository page for 'Jenkins-Task'. The repository has 1 branch (main) and 0 tags. It contains three commits:

- senthamil-Devops Update Jenkinsfile (3099ec9, 7 minutes ago)
- Jenkinsfile (Update Jenkinsfile, 7 minutes ago)
- myscript.sh (Create myscript.sh, 3 hours ago)

The README file is also present.

## Created Build in Jenkins:

The screenshot shows the Jenkins 'Configure' screen for a job named 'Jenkinstask2'. The 'Pipeline' tab is selected. The SCM section is configured for Git, with the Repository URL set to 'https://github.com/senthamil-Devops/Jenkins-Task.git'. The 'Branches to build' section specifies '\*/main'.

The screenshot shows the Jenkins dashboard. The 'Jenkinstask2' build is listed with the following status information:

S	W	Name	Last Success	Last Failure	Last Duration
Green	Yellow	Jenkinstask2	14 min #7	38 min #2	7.4 sec

<input checked="" type="checkbox"/>	Jenkinstask2	#7	22 min	stable	<input type="button" value="x"/>
<input checked="" type="checkbox"/>	Jenkinstask2	#6	30 min	stable	<input type="button" value="x"/>
<input checked="" type="checkbox"/>	Jenkinstask2	#5	39 min	stable	<input type="button" value="x"/>
<input checked="" type="checkbox"/>	Jenkinstask2	#4	45 min	stable	<input type="button" value="x"/>
<input checked="" type="checkbox"/>	Jenkinstask2	#3	45 min	back to normal	<input type="button" value="x"/>

Added SNMP configuration in Jenkins:

Extended E-mail Notification

SMTP server

SMTP Port

Advanced Edited

Credentials

+ Add

Use SSL  
 Use TLS

Updated Webhooks:

Collaborators

Moderation options

Code and automation

- Branches
- Tags
- Rules
- Actions
- Models

Webhooks

- Copilot
- Environments
- Codespaces
- Pages

Security

- Advanced Security
- Deploy keys
- Secrets and variables

Integrations

- GitHub Apps
- Email notifications

Settings Recent Deliveries

We'll send a POST request to the URL below with details of any subscribed events. You can also specify which data format you'd like to receive (JSON, x-www-form-urlencoded, etc). More information can be found in [our developer documentation](#).

Payload URL \*

Content type \*

Secret

SSL verification

By default, we verify SSL certificates when delivering payloads.

Enable SSL verification  Disable (not recommended)

Which events would you like to trigger this webhook?

Just the push event.  
 Send me everything.  
 Let me select individual events.

Active  
 We will deliver event details when this hook is triggered.

Job Triggered successfully:

```
Sun Jan 25 11:43:29 UTC 2026
ip-172-31-46-138
Setup completed successfully!!!
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Declarative: Post Actions)
[Pipeline] emailext
Sending email to: tamilee26@gmail.com
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

Email Notification received:

## SUCCESS: Jenkinstask2 #7 Inbox

**address not configured yet** <tamilee26@gmail.com>

to me ▾

Hello,

The Jenkins build completed successfully.

Job Name : Jenkinstask2

Build No : 7

Build URL : <http://13.232.144.73:8080/job/Jenkinstask2/7/>

Regards,

Jenkins