

Created EC2 :

Instances (1/1) Info									
Find Instance by attribute or tag (case-sensitive)									
All states									
<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...
<input checked="" type="checkbox"/>	Jenkins	i-06b1a99c6f22391e1	Running	m7i-flex.large	3/3 checks pass	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 (/usr/lib/systemd/system/jenkins.service; enabled; preset: enabled)
   Active: active (running) since Sun 2024-01-25 11:05:57 UTC; 4min ago
     Main PID: 17032 (java)
       Tasks: 50 (limit: 5283)
      Memory: 754.2M (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

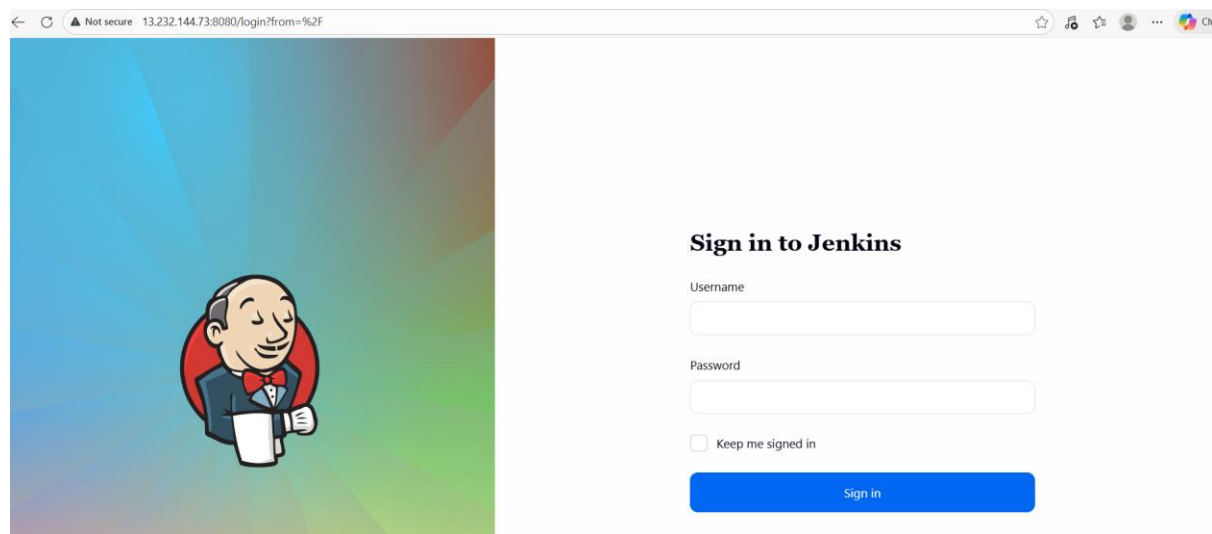
Jan 25 11:05:56 ip-172-31-46-138 jenkins[17032]: 2024-01-25 11:05:56.818+0000 [id=29] INFO jenkins.InitReactorRunner$1onAttained: System config loaded
Jan 25 11:05:56 ip-172-31-46-138 jenkins[17032]: 2024-01-25 11:05:56.824+0000 [id=32] INFO jenkins.InitReactorRunner$1onAttained: System config adapted
Jan 25 11:05:56 ip-172-31-46-138 jenkins[17032]: 2024-01-25 11:05:56.897+0000 [id=30] INFO jenkins.InitReactorRunner$1onAttained: Loaded all jobs
Jan 25 11:05:56 ip-172-31-46-138 jenkins[17032]: 2024-01-25 11:05:56.900+0000 [id=31] INFO jenkins.InitReactorRunner$1onAttained: Configuration for all jobs updated
Jan 25 11:05:56 ip-172-31-46-138 jenkins[17032]: 2024-01-25 11:05:56.982+0000 [id=29] INFO jenkins.InitReactorRunner$1onAttained: Completed initialization
Jan 25 11:05:57 ip-172-31-46-138 jenkins[17032]: 2024-01-25 11:05:57.012+0000 [id=23] INFO hudson.lifecycle.Lifecycle$onReady: Jenkins is fully up and running
Jan 25 11:05:57 ip-172-31-46-138 systemd[1]: Started jenkins.service - Jenkins Continuous Integration Server.
Jan 25 11:14:12 ip-172-31-46-138 jenkins[17032]: 2024-01-25 11:14:12.562+0000 [id=14] INFO h.p.b.g.GlobalTimeoutConfiguration$configure: global timeout has been cleared
Jan 25 11:16:57 ip-172-31-46-138 jenkins[17032]: 2024-01-25 11:16:57.030+0000 [id=116] WARNING o.j.p.w.f.FlowExecutionList$DefaultStorage$unregister: Jenkins task #1 was not in the list to begin
Jan 25 11:24:54 ip-172-31-46-138 jenkins[17032]: 2024-01-25 11:24:54.515+0000 [id=15] INFO h.p.b.g.GlobalTimeoutConfiguration$configure: global timeout has been cleared

root@ip-172-31-46-138:~# apt list jenkins
Listing... Done
jenkins/binary,now 2.541.1 all [installed]
^
There are 170 additional versions, please use the '-a' switch to see them.

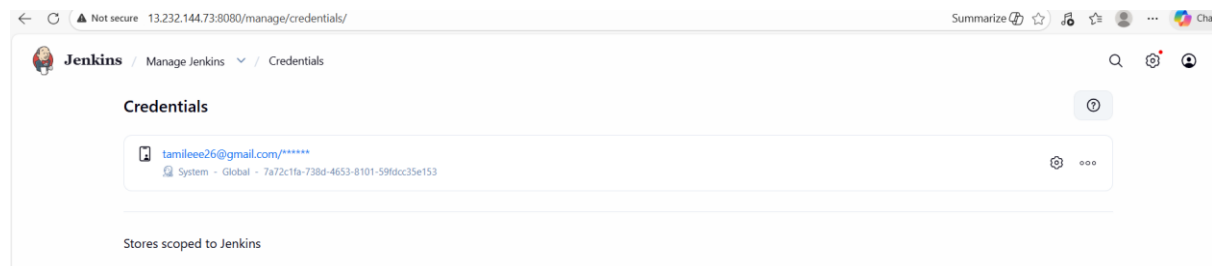
root@ip-172-31-46-138:~# ps -ef | grep -i jenkins
jenkins 17032 1 2 11:05 ? 00:01:07 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=/var/cache/jenkins/war --httpPort=8080
root 18884 18860 0 11:55 pts/1 00:00:00 grep --color=auto -i jenkins

root@ip-172-31-46-138:~#
```

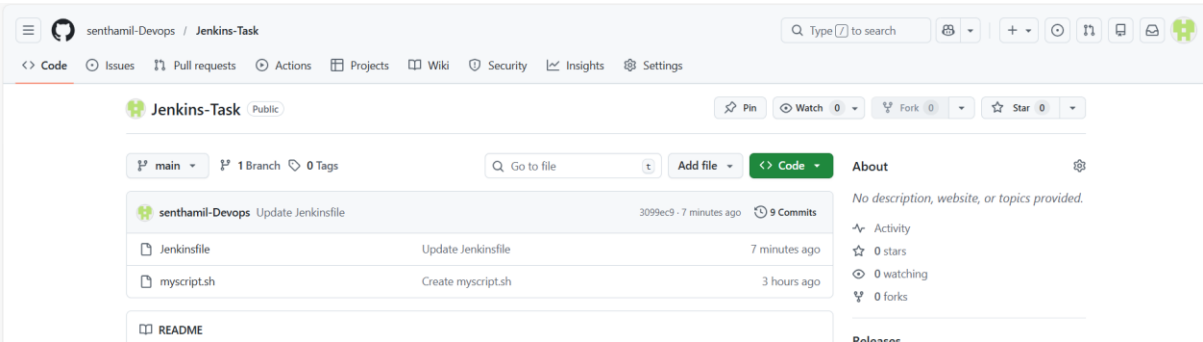
Launched Jenkins in Browser:



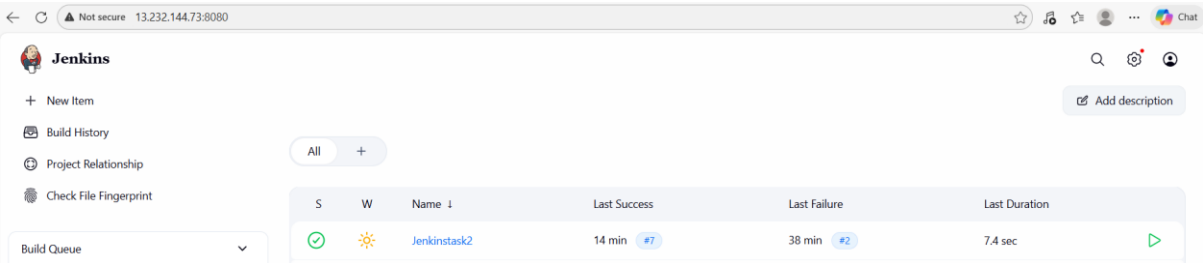
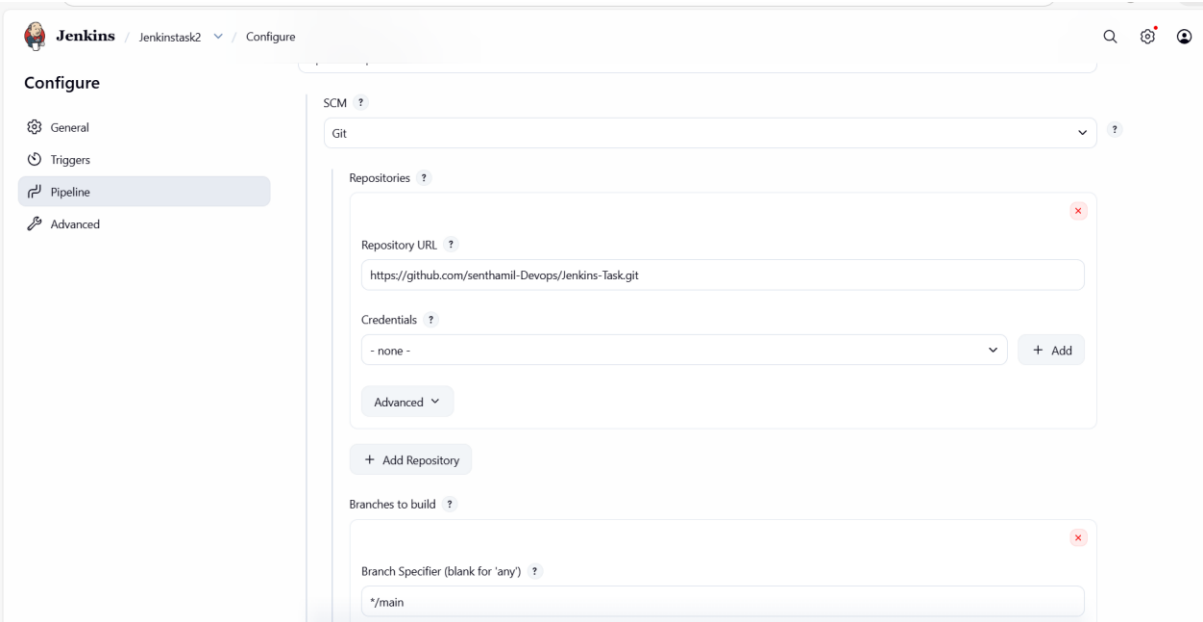
Added mail credential in Jenkins:








Created Jenkins file and script file in GIT:



Created Build in Jenkins:



✓	Jenkinstask2	#7	22 min	stable	
✓	Jenkinstask2	#6	30 min	stable	
✓	Jenkinstask2	#5	39 min	stable	
✓	Jenkinstask2	#4	45 min	stable	
✓	Jenkinstask2	#3	45 min	back to normal	

Added SNMP configuration in Jenkins:



Extended E-mail Notification

SMTP server

smtp.gmail.com

SMTP Port

465

Advanced   Edited

Credentials

tamileee26@gmail.com/*****

+ 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 *

http://13.232.144.73:8080/github-webhook

Content type *

application/json

Secret

SSL verification

☒ 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.

Update webhook

Delete webhook

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] emailx
Sending email to: tamileee26@gmail.com
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

Email Notification received:

SUCCESS: Jenkin task2 #7  Inbox x

address not configured yet <tamileee26@gmail.com>

to me ▼

Hello,

The Jenkins build completed successfully.

Job Name : Jenkin task2

Build No : 7

Build URL : <http://13.232.144.73:8080/job/Jenkin task2/7/>

Regards,

Jenkins