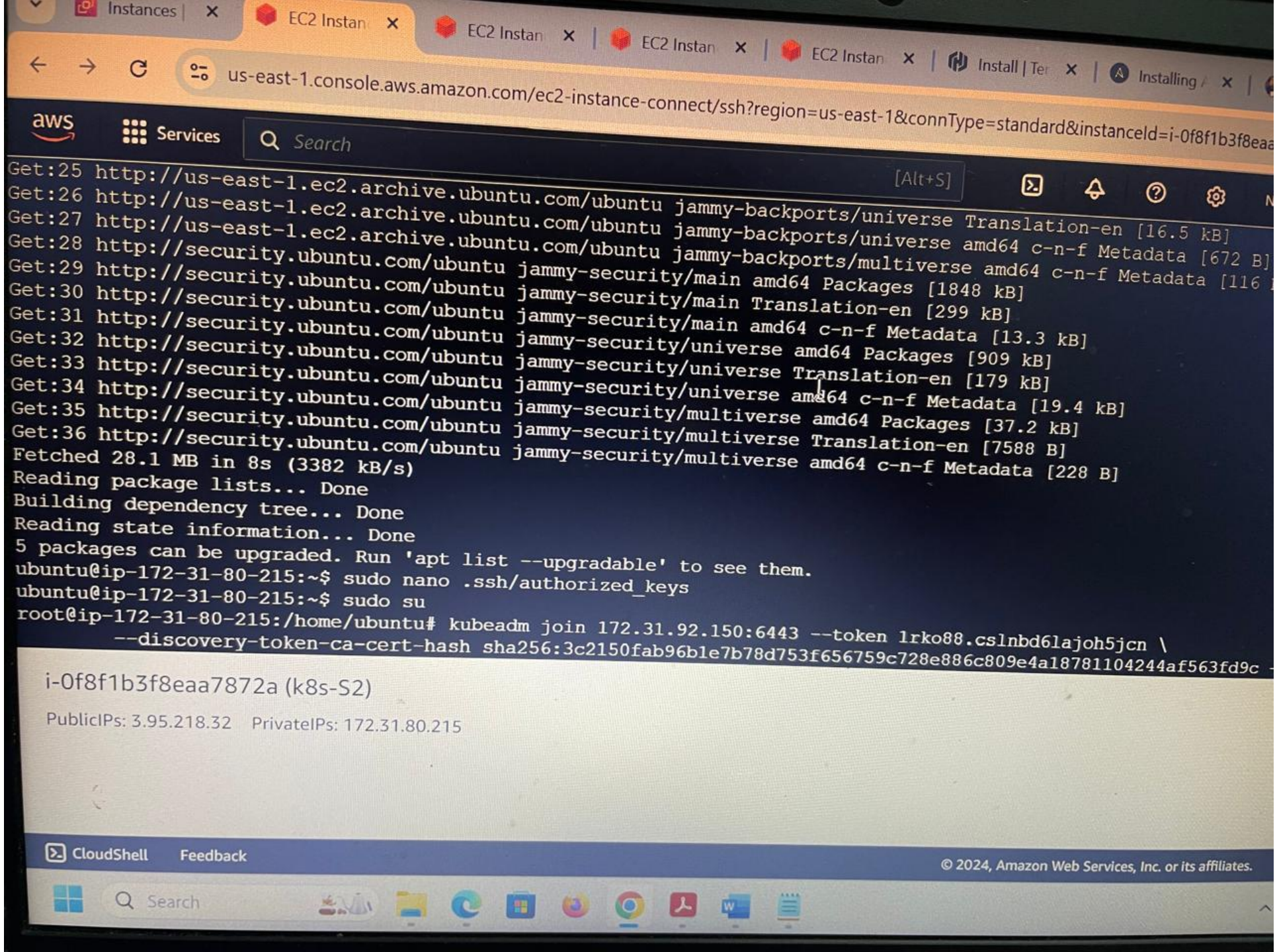
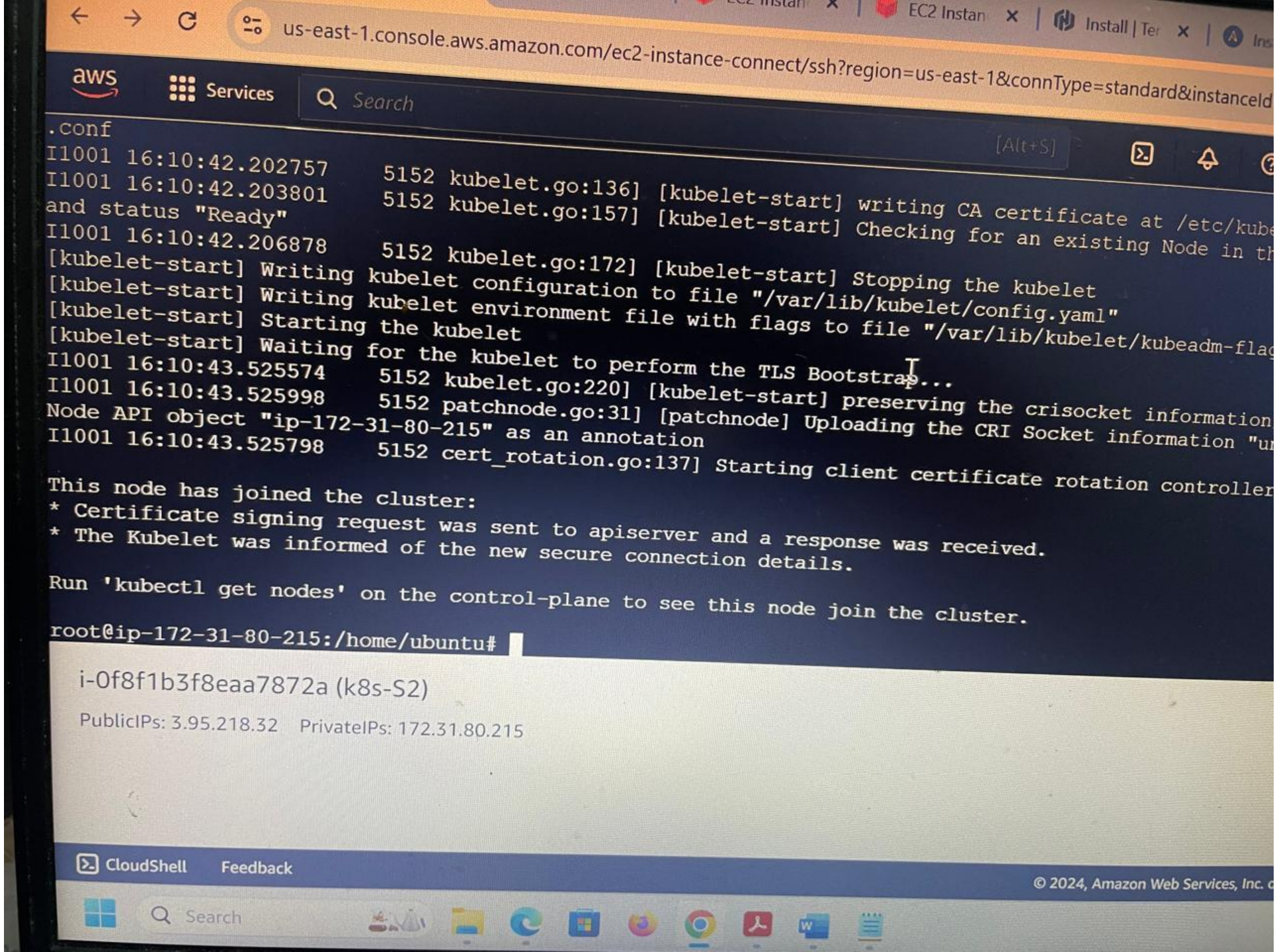
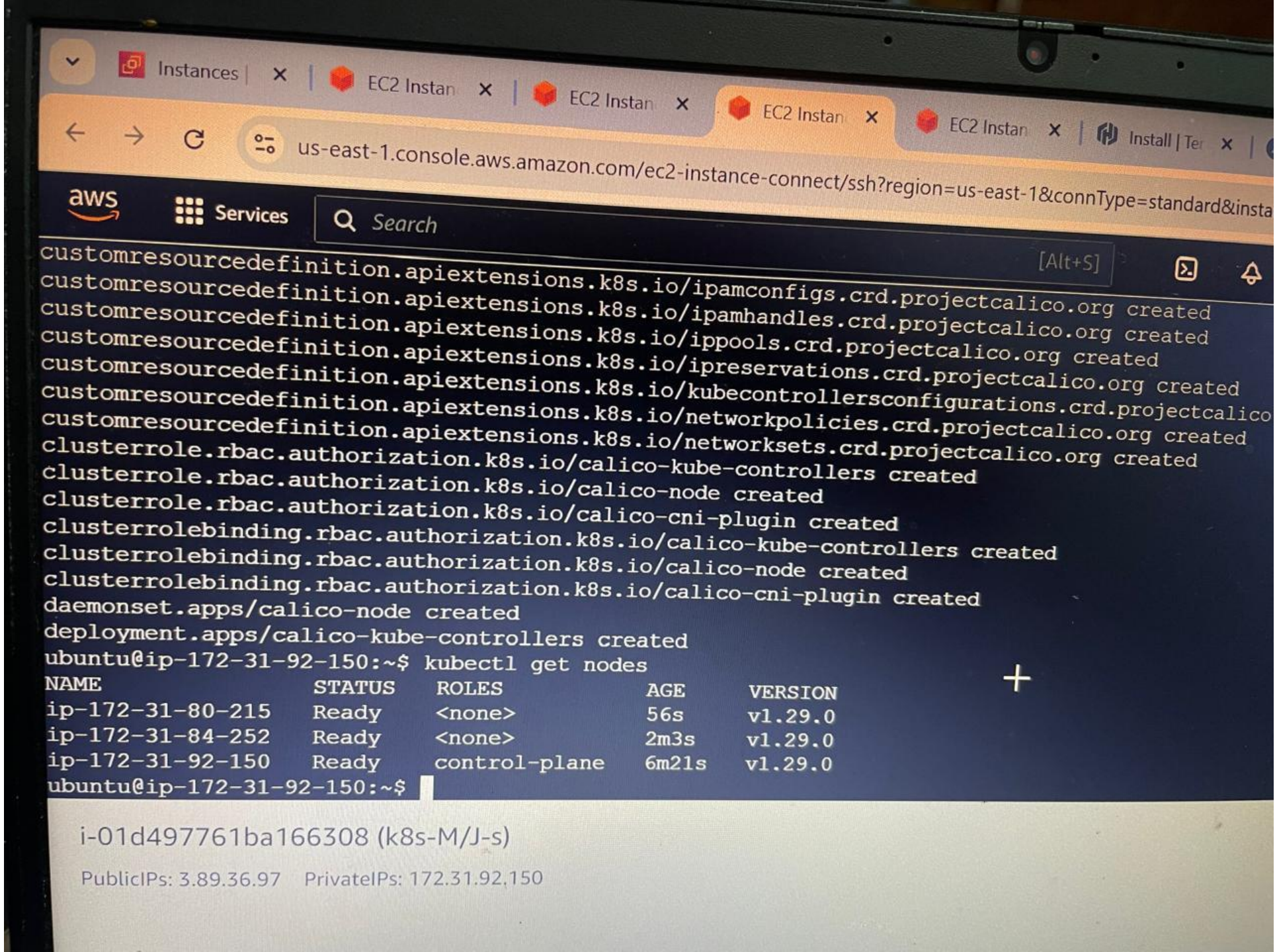
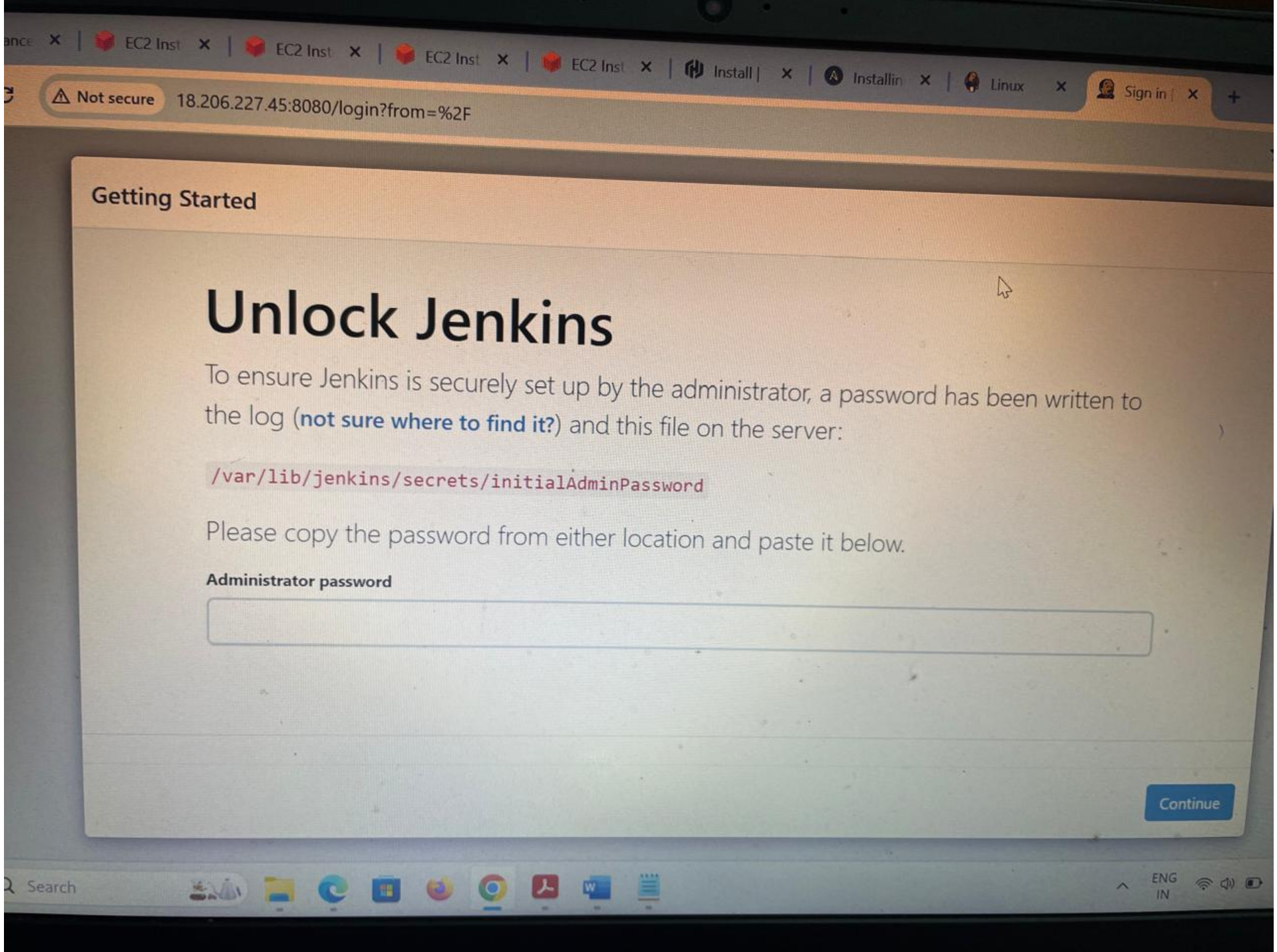
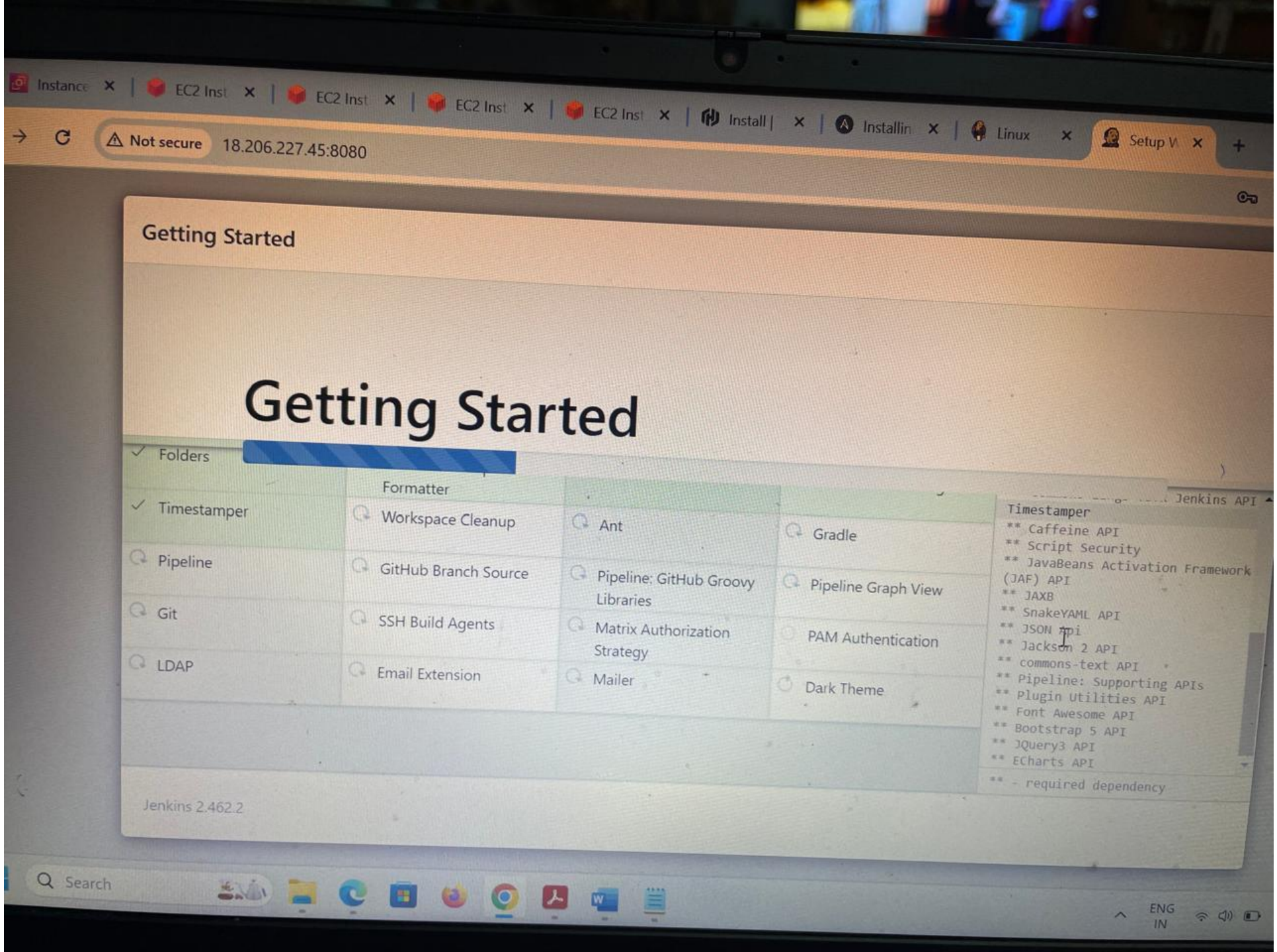
Capstone-Project-2

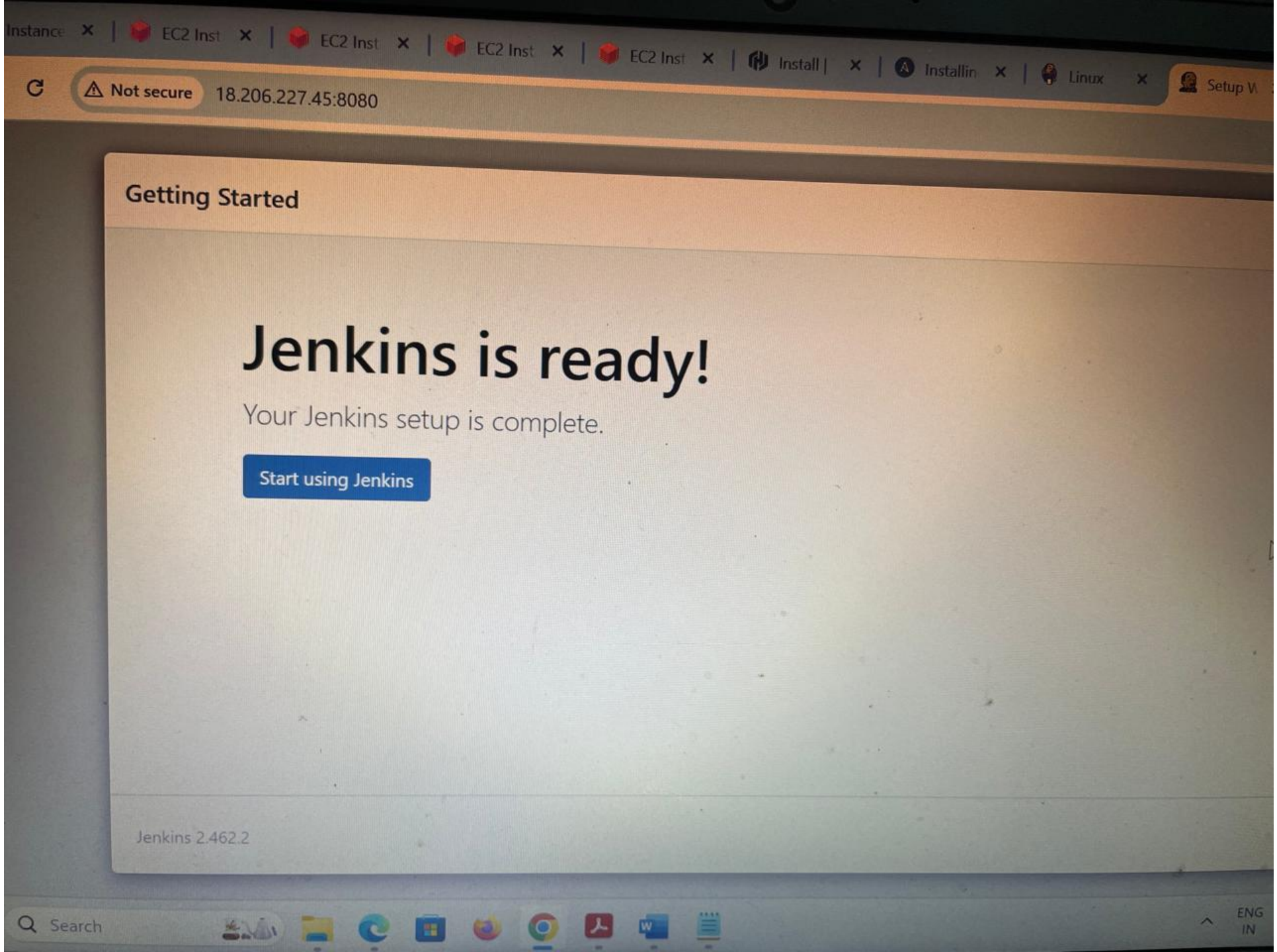

Instances
EC2 Instan
EC2 Instan
EC2 Instan
EC2 Instan
Install | Ter
Installing /
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0f8f1b3f8eaa
aws
Services
Search
[Alt+S]
Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe Translation-en [16.5 kB]
Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [672 B]
Get:27 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64 c-n-f Metadata [116
Get:28 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [1848 kB]
Get:29 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en [299 kB]
Get:30 http://security.ubuntu.com/ubuntu jammy-security/main amd64 c-n-f Metadata [13.3 kB]
Get:31 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [909 kB]
Get:32 http://security.ubuntu.com/ubuntu jammy-security/universe Translation-en [179 kB]
Get:33 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 c-n-f Metadata [19.4 kB]
Get:34 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [37.2 kB]
Get:35 http://security.ubuntu.com/ubuntu jammy-security/multiverse Translation-en [7588 B]
Get:36 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 c-n-f Metadata [228 B]
Fetched 28.1 MB in 8s (3382 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
5 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-31-80-215:~$ sudo nano .ssh/authorized_keys
ubuntu@ip-172-31-80-215:~$ sudo su
root@ip-172-31-80-215:/home/ubuntu# kubeadm join 172.31.92.150:6443 --token lrko88.cslnbd6lajoh5jcn \
--discovery-token-ca-cert-hash sha256:3c2150fab96b1e7b78d753f656759c728e886c809e4a1781104244af563fd9c
i-0f8f1b3f8eaa7872a (k8s-S2)
PublicIPs: 3.95.218.32 PrivateIPs: 172.31.80.215
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Search

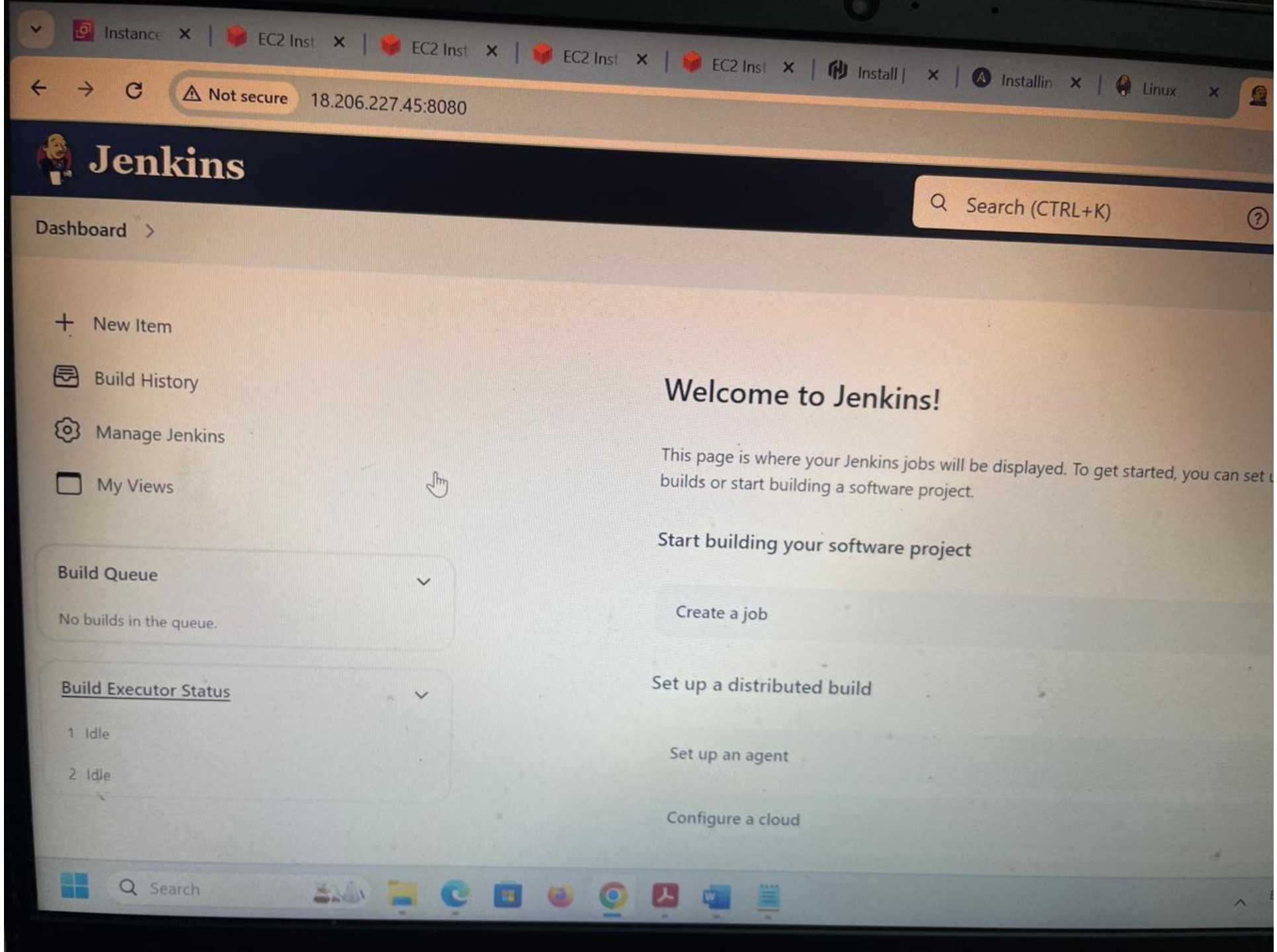

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId
aws
Services
Search
[Alt+S]
.conf
I1001 16:10:42.202757 5152 kubelet.go:136] [kubelet-start] writing CA certificate at /etc/kube
I1001 16:10:42.203801 5152 kubelet.go:157] [kubelet-start] Checking for an existing Node in th
and status "Ready"
I1001 16:10:42.206878 5152 kubelet.go:172] [kubelet-start] Stopping the kubelet
[kubelet-start] Writing kubelet configuration to file "/var/lib/kubelet/config.yaml"
[kubelet-start] Writing kubelet environment file with flags to file "/var/lib/kubelet/kubeadm-flag
[kubelet-start] Starting the kubelet
[kubelet-start] Waiting for the kubelet to perform the TLS Bootstrap...
I1001 16:10:43.525574 5152 kubelet.go:220] [kubelet-start] preserving the crisocket information
I1001 16:10:43.525998 5152 patchnode.go:31] [patchnode] Uploading the CRI Socket information "u
Node API object "ip-172-31-80-215" as an annotation
I1001 16:10:43.525798 5152 cert_rotation.go:137] Starting client certificate rotation controller
This node has joined the cluster:
* Certificate signing request was sent to apiserver and a response was received.
* The Kubelet was informed of the new secure connection details.
Run 'kubectl get nodes' on the control-plane to see this node join the cluster.
root@ip-172-31-80-215:/home/ubuntu#
i-0f8f1b3f8eaa7872a (k8s-S2)
PublicIPs: 3.95.218.32 PrivateIPs: 172.31.80.215
CloudShell
Feedback
© 2024, Amazon Web Services, Inc.
Search

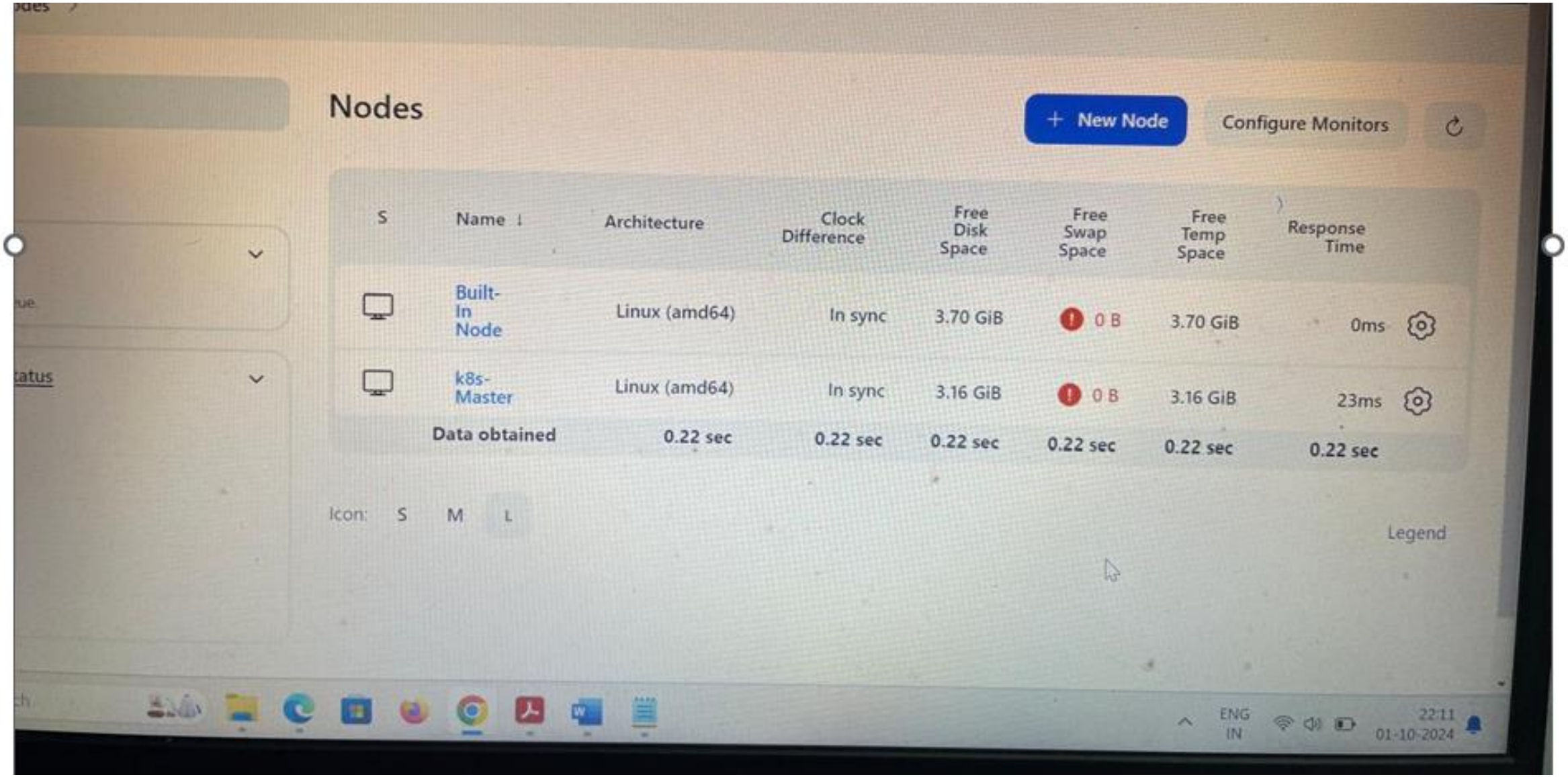

Instances
EC2 Instan
EC2 Instan
EC2 Instan
EC2 Instan
Install | Ter
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&insta
aws
Services
Search
[Alt+S]
customresourcedefinition.apiextensions.k8s.io/ipamconfigs.crd.projectcalico.org created
customresourcedefinition.apiextensions.k8s.io/ipamhandles.crd.projectcalico.org created
customresourcedefinition.apiextensions.k8s.io/ippools.crd.projectcalico.org created
customresourcedefinition.apiextensions.k8s.io/ipreservations.crd.projectcalico.org created
customresourcedefinition.apiextensions.k8s.io/kubecontrollersconfigurations.crd.projectcalico
customresourcedefinition.apiextensions.k8s.io/networkpolicies.crd.projectcalico.org created
customresourcedefinition.apiextensions.k8s.io/networksets.crd.projectcalico.org created
clusterrole.rbac.authorization.k8s.io/calico-kube-controllers created
clusterrole.rbac.authorization.k8s.io/calico-node created
clusterrole.rbac.authorization.k8s.io/calico-cni-plugin created
clusterrolebinding.rbac.authorization.k8s.io/calico-kube-controllers created
clusterrolebinding.rbac.authorization.k8s.io/calico-node created
clusterrolebinding.rbac.authorization.k8s.io/calico-cni-plugin created
daemonset.apps/calico-node created
deployment.apps/calico-kube-controllers created
ubuntu@ip-172-31-92-150:~$ kubectl get nodes
NAME STATUS ROLES AGE VERSION
ip-172-31-80-215 Ready <none> 56s v1.29.0
ip-172-31-84-252 Ready <none> 2m3s v1.29.0
ip-172-31-92-150 Ready control-plane 6m21s v1.29.0
ubuntu@ip-172-31-92-150:~$
i-01d497761ba166308 (k8s-M/J-s)
PublicIPs: 3.89.36.97 PrivateIPs: 172.31.92.150

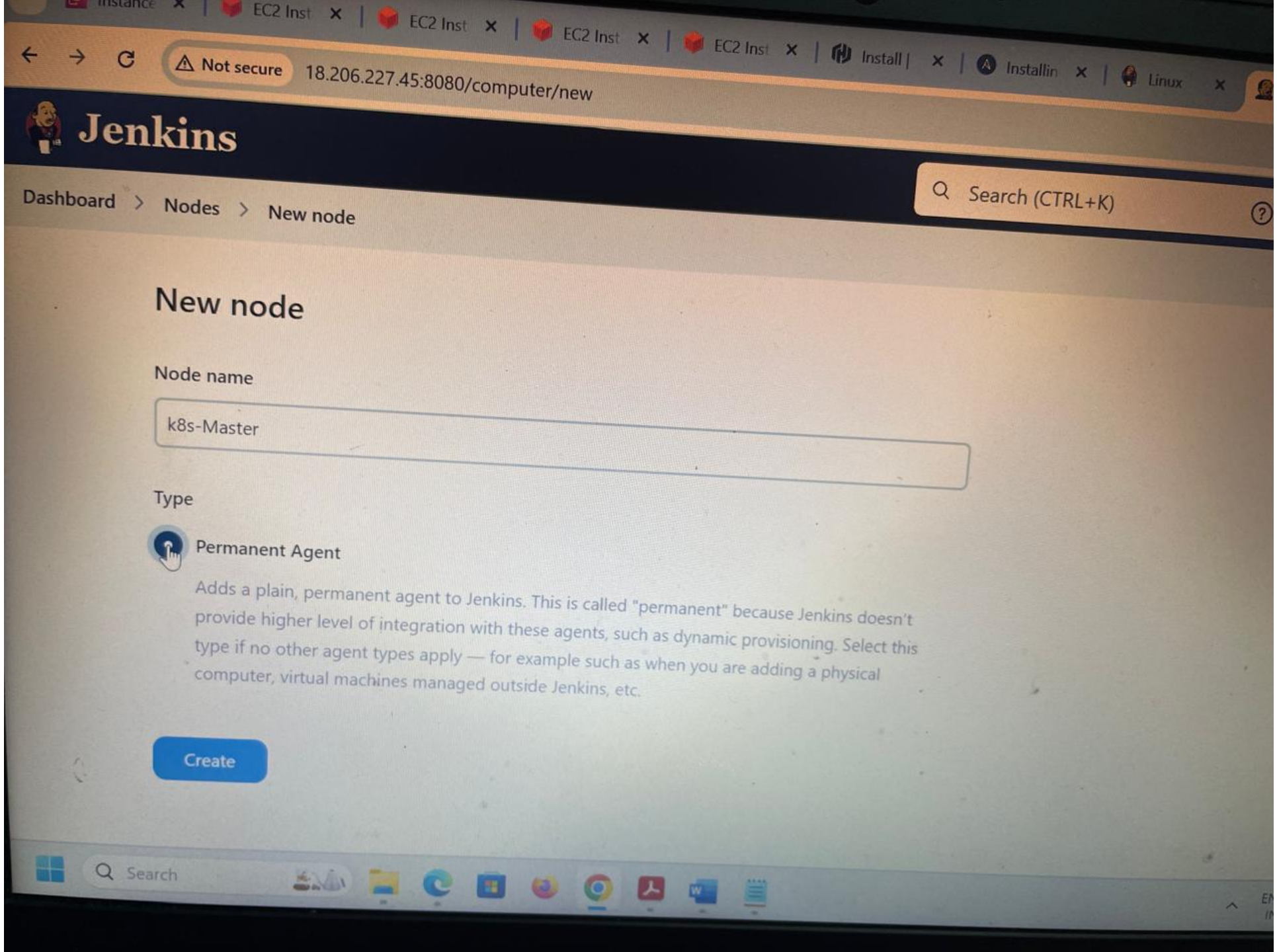

EC2 Inst
EC2 Inst
EC2 Inst
EC2 Inst
Install |
Installin
Linux
Sign in
Not secure
18.206.227.45:8080/login?from=%2F
Getting Started
Unlock Jenkins
To ensure Jenkins is securely set up by the administrator, a password has been written to the log (not sure where to find it?) and this file on the server:
/var/lib/jenkins/secrets/initialAdminPassword
Please copy the password from either location and paste it below.
Administrator password
Continue
Search
ENG
IN

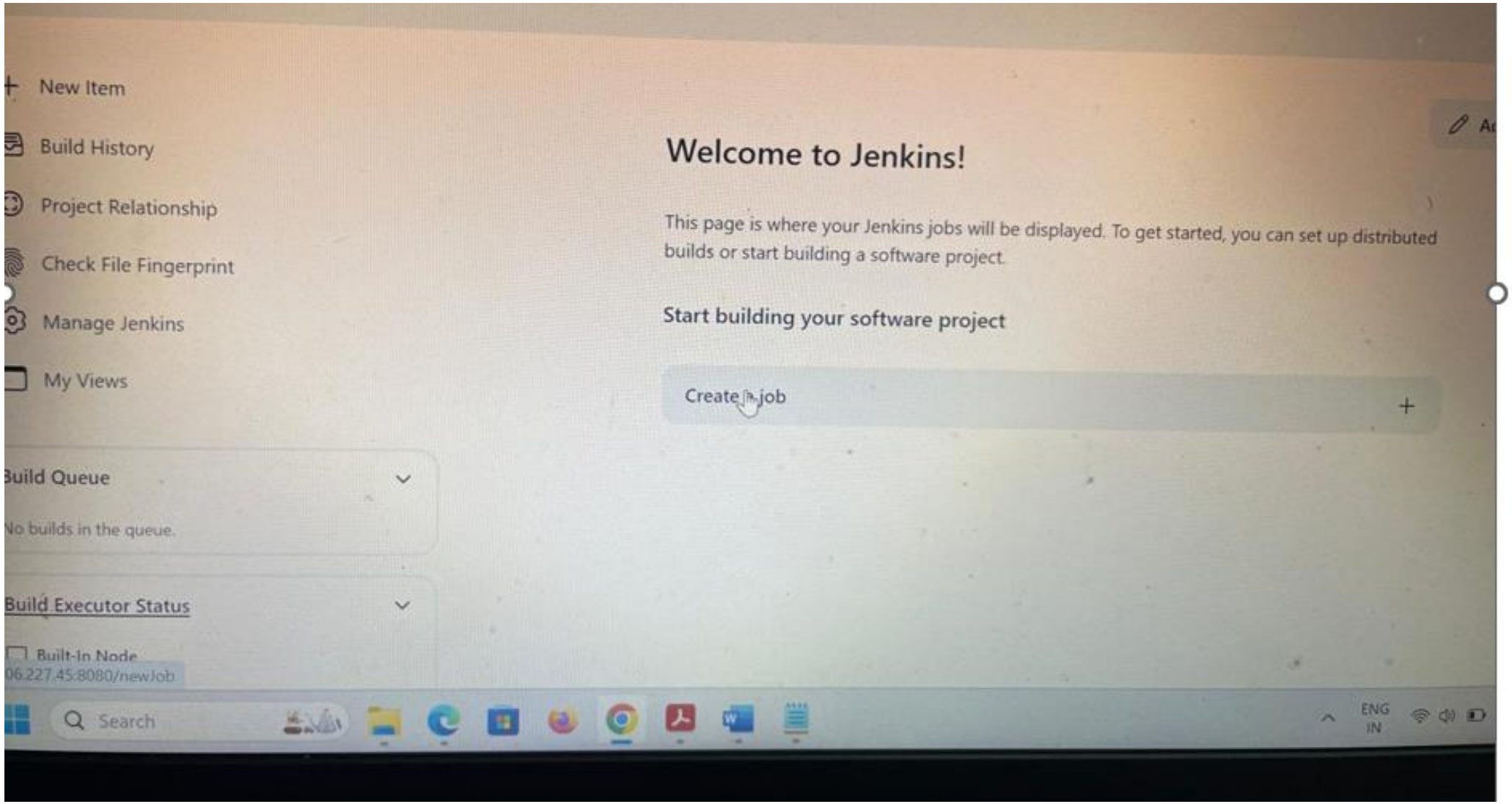

Not secure
18.206.227.45:8080
Getting Started
Getting Started
Folders
Timestamper
Pipeline
Git
LDAP
Formatter
Workspace Cleanup
GitHub Branch Source
SSH Build Agents
Email Extension
Ant
Pipeline: GitHub Groovy Libraries
Matrix Authorization Strategy
Mailer
Gradle
Pipeline Graph View
PAM Authentication
Dark Theme
Jenkins API
Timestamper
** Caffeine API
** Script Security
** JavaBeans Activation Framework (JAF) API
** JAXB
** SnakeYAML API
** JSON API
** Jackson 2 API
** commons-text API
** Pipeline: Supporting APIs
** Plugin Utilities API
** Font Awesome API
** Bootstrap 5 API
** JQuery3 API
** ECharts API
** - required dependency
Jenkins 2.462.2
Search
ENG
IN

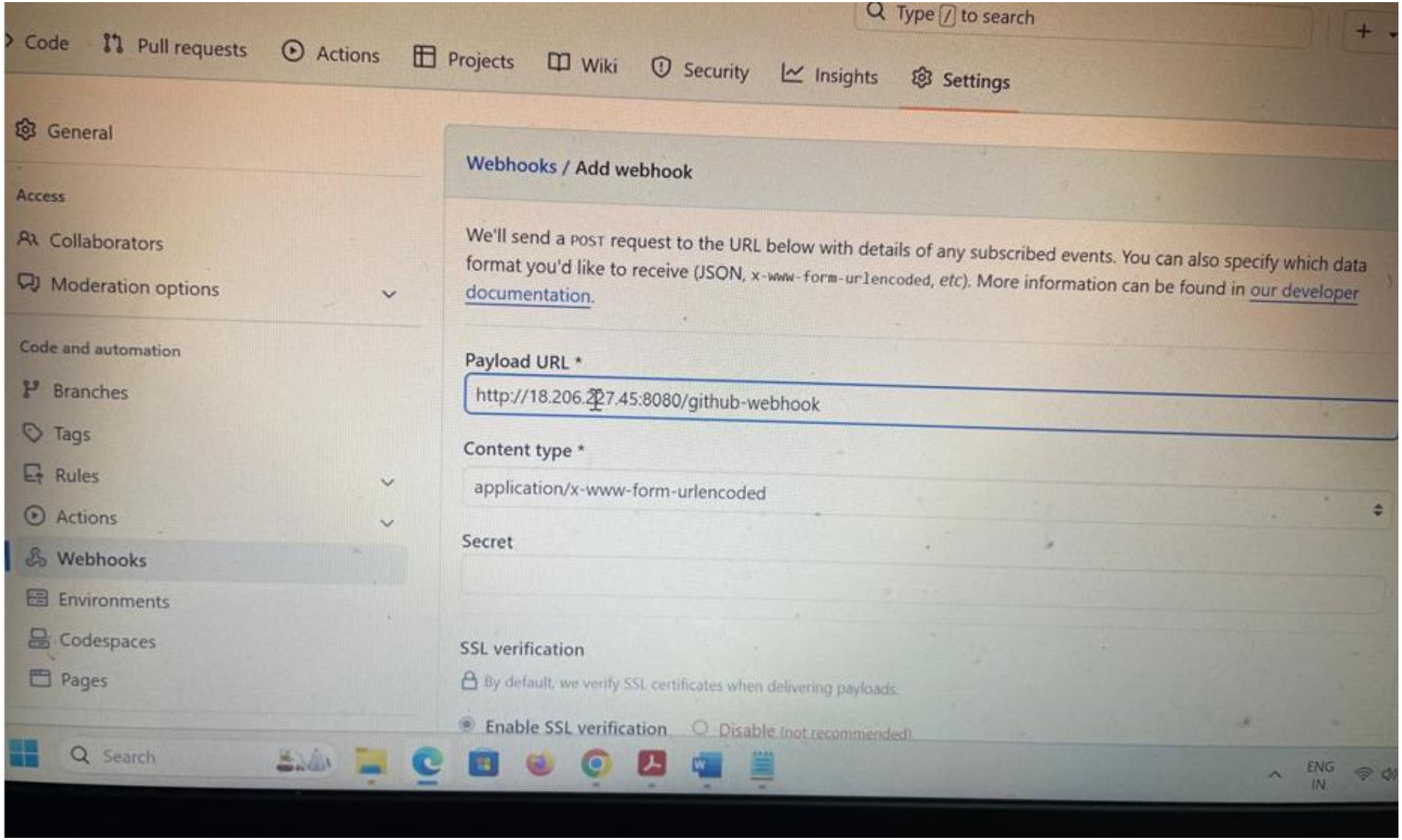

Instance
EC2 Inst
EC2 Inst
EC2 Inst
EC2 Inst
Install |
Installin
Linux
Setup W
Not secure
18.206.227.45:8080
Getting Started
Jenkins is ready!
Your Jenkins setup is complete.
Start using Jenkins
Jenkins 2.462.2
Search
ENG
IN


Instance
EC2 Inst
EC2 Inst
EC2 Inst
EC2 Inst
Install |
Installin
Linux
Not secure
18.206.227.45:8080
Jenkins
Search (CTRL+K)
Dashboard
New Item
Build History
Manage Jenkins
My Views
Build Queue
No builds in the queue.
Build Executor Status
1 Idle
2 Idle
Welcome to Jenkins!
This page is where your Jenkins jobs will be displayed. To get started, you can set u
builds or start building a software project.
Start building your software project
Create a job
Set up a distributed build
Set up an agent
Configure a cloud
Search


Nodes
+ New Node
Configure Monitors
S
Name ↓
Architecture
Clock Difference
Free Disk Space
Free Swap Space
Free Temp Space
Response Time
Built-In Node
Linux (amd64)
In sync
3.70 GiB
0 B
3.70 GiB
0ms
k8s-Master
Linux (amd64)
In sync
3.16 GiB
0 B
3.16 GiB
23ms
Data obtained
0.22 sec
0.22 sec
0.22 sec
0.22 sec
0.22 sec
0.22 sec
Icon: S M L
Legend
ENG IN
22:11
01-10-2024


EC2 Inst
EC2 Inst
EC2 Inst
EC2 Inst
Install |
Installin
Linux
Not secure
18.206.227.45:8080/computer/new
Jenkins
Search (CTRL+K)
Dashboard
Nodes
New node
New node
Node name
k8s-Master
Type
Permanent Agent
Adds a plain, permanent agent to Jenkins. This is called "permanent" because Jenkins doesn't provide higher level of integration with these agents, such as dynamic provisioning. Select this type if no other agent types apply — for example such as when you are adding a physical computer, virtual machines managed outside Jenkins, etc.
Create
Search


New Item
Build History
Project Relationship
Check File Fingerprint
Manage Jenkins
My Views
Welcome to Jenkins!
This page is where your Jenkins jobs will be displayed. To get started, you can set up distributed builds or start building a software project.
Start building your software project
Create a job
Build Queue
No builds in the queue.
Build Executor Status
Built-In Node
06.227.45:8080/newJob
Search
ENG
IN


Type / to search
Code
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
General
Access
Collaborators
Moderation options
Code and automation
Branches
Tags
Rules
Actions
Webhooks
Environments
Codespaces
Pages
Webhooks / Add webhook
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://18.206.227.45:8080/github-webhook
Content type *
application/x-www-form-urlencoded
Secret
SSL verification
By default, we verify SSL certificates when delivering payloads.
Enable SSL verification
Disable (not recommended)
Search
ENG
IN

Definition

Pipeline script

Script ?

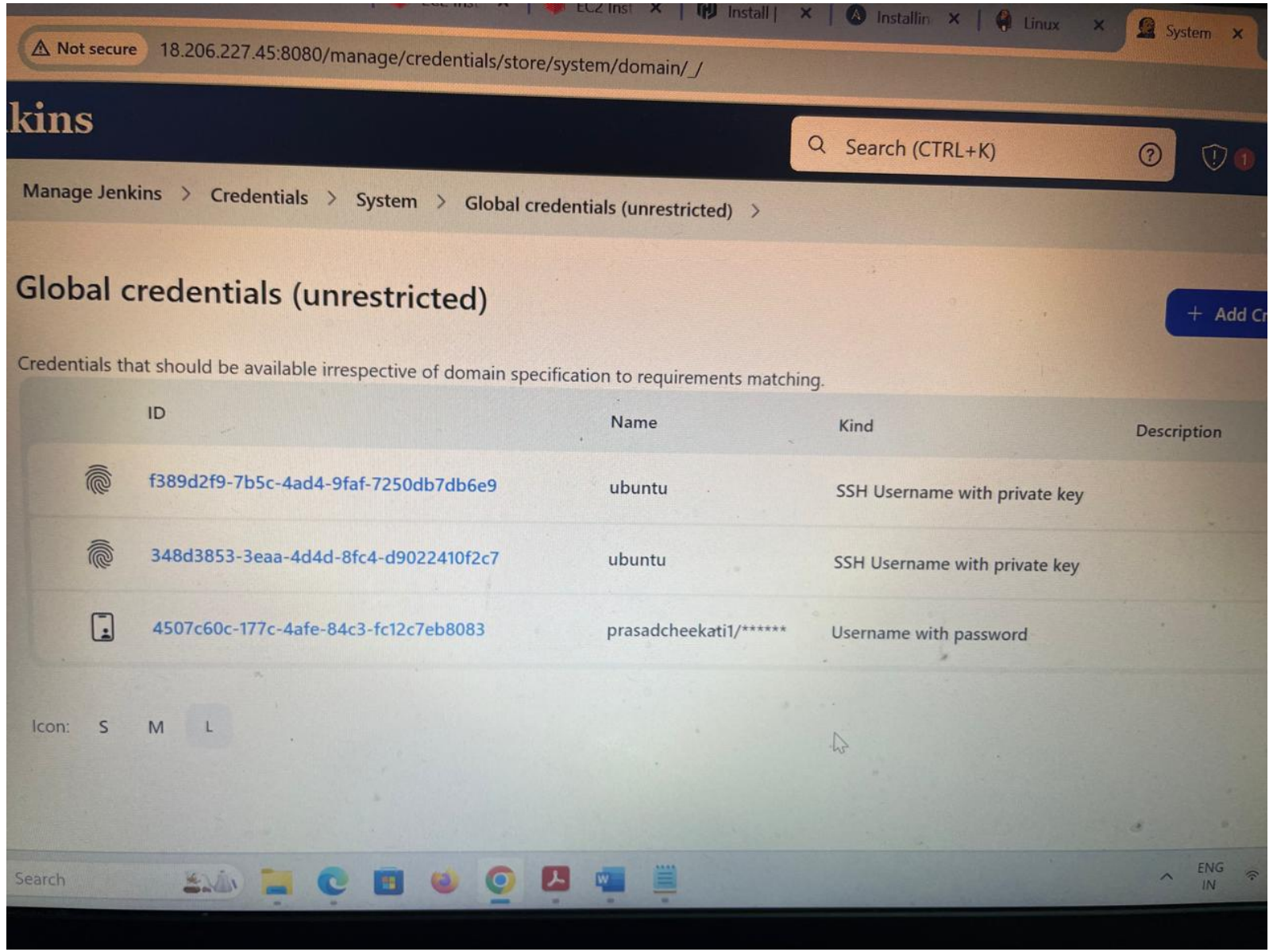
```
pipeline {
    agent none
    environment {
        DOCKERHUB_CREDENTIALS = credentials("")
    }
    stages {
        stage('git') {
            agent {
                label "k8s-Master"
            }
            steps {
                script {
                    git 'https://github.com/prasadcheekati1/website-demo.git'
                }
            }
        }
    }
```

Hello Wo

Use Groovy Sandbox ?

Save Apply

ENG
IN


Not secure
18.206.227.45:8080/manage/credentials/store/system/domain/_/
kins
Search (CTRL+K)
Manage Jenkins > Credentials > System > Global credentials (unrestricted) >
Global credentials (unrestricted)
Credentials that should be available irrespective of domain specification to requirements matching.
ID
Name
Kind
Description
f389d2f9-7b5c-4ad4-9faf-7250db7db6e9
ubuntu
SSH Username with private key
348d3853-3eaa-4d4d-8fc4-d9022410f2c7
ubuntu
SSH Username with private key
4507c60c-177c-4afe-84c3-fc12c7eb8083
prasadcheekati1/******
Username with password
Icon: S M L
Search
ENG
IN

Definition

Pipeline script

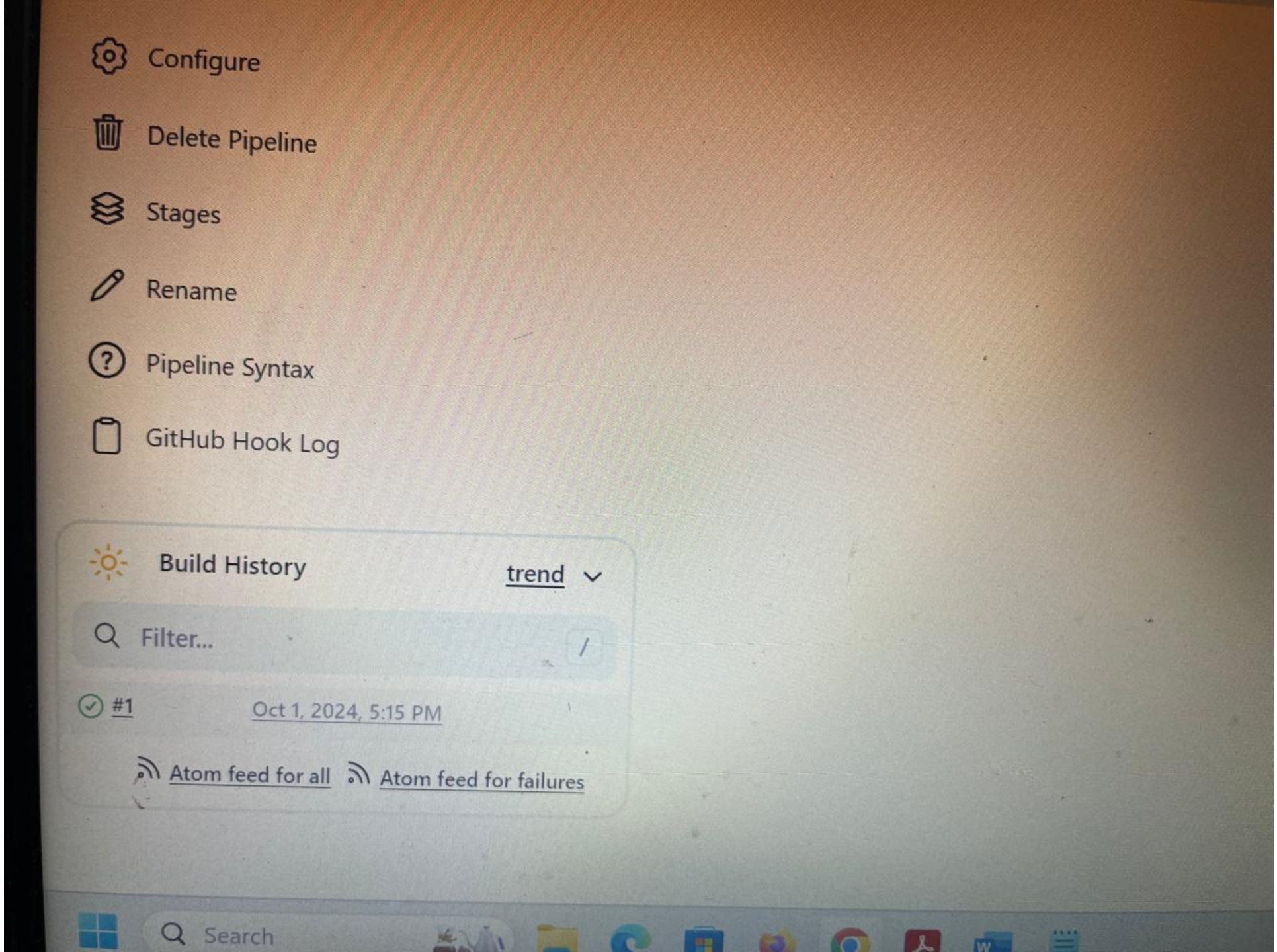
Script ?

```
pipeline {
    agent none
    environment {
        DOCKERHUB_CREDENTIALS = credentials("4507c60c-177c-4afe-84c3-fc12c7eb8083")
    }
    stages {
        stage('git') {
            agent {
                label "k8s-Master"
            }
            steps {
                script {
                    git 'https://github.com/prasadcheekati1/website-demo.git'
                }
            }
        }
    }
```

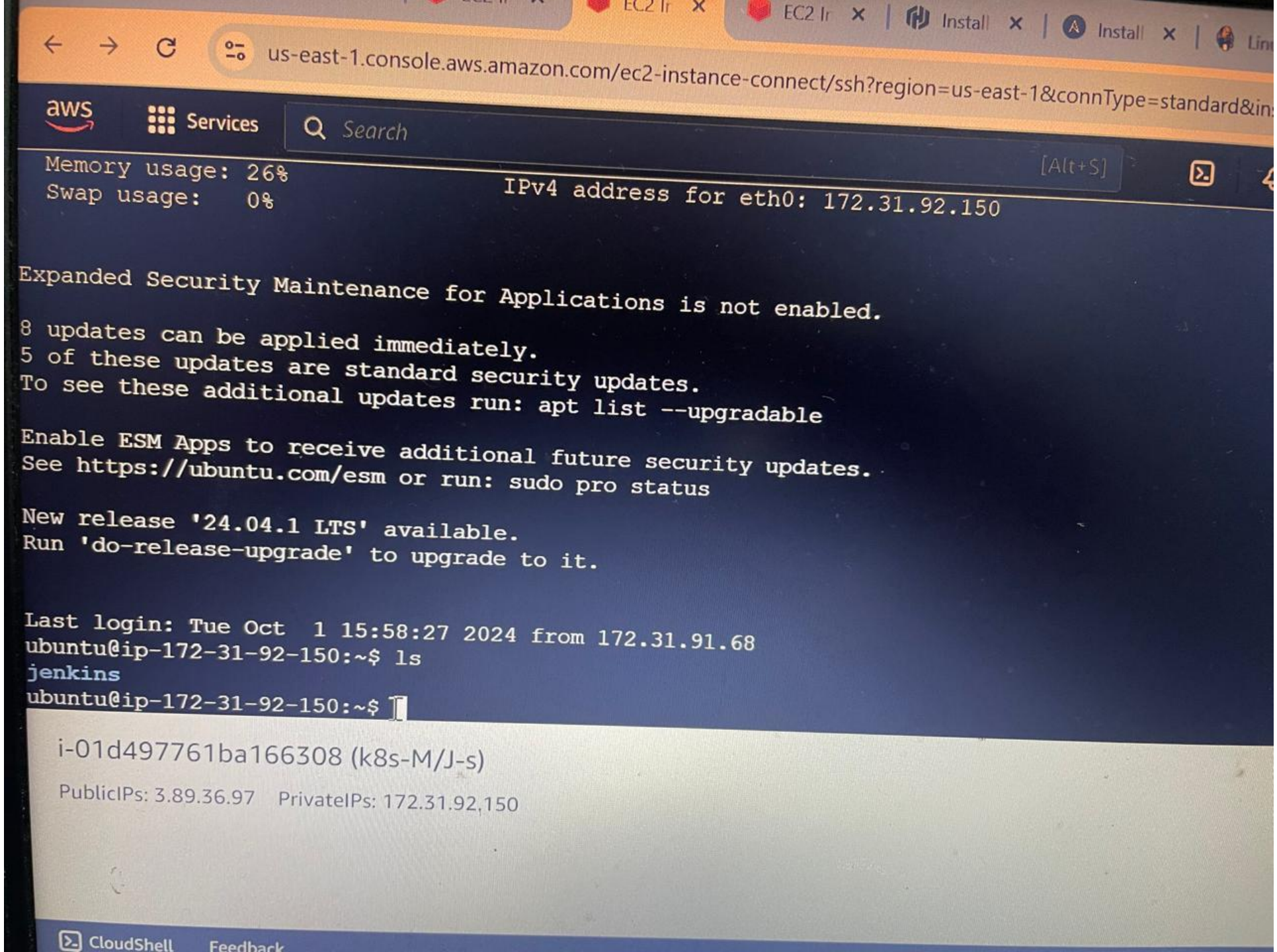
Use Groovy Sandbox ?

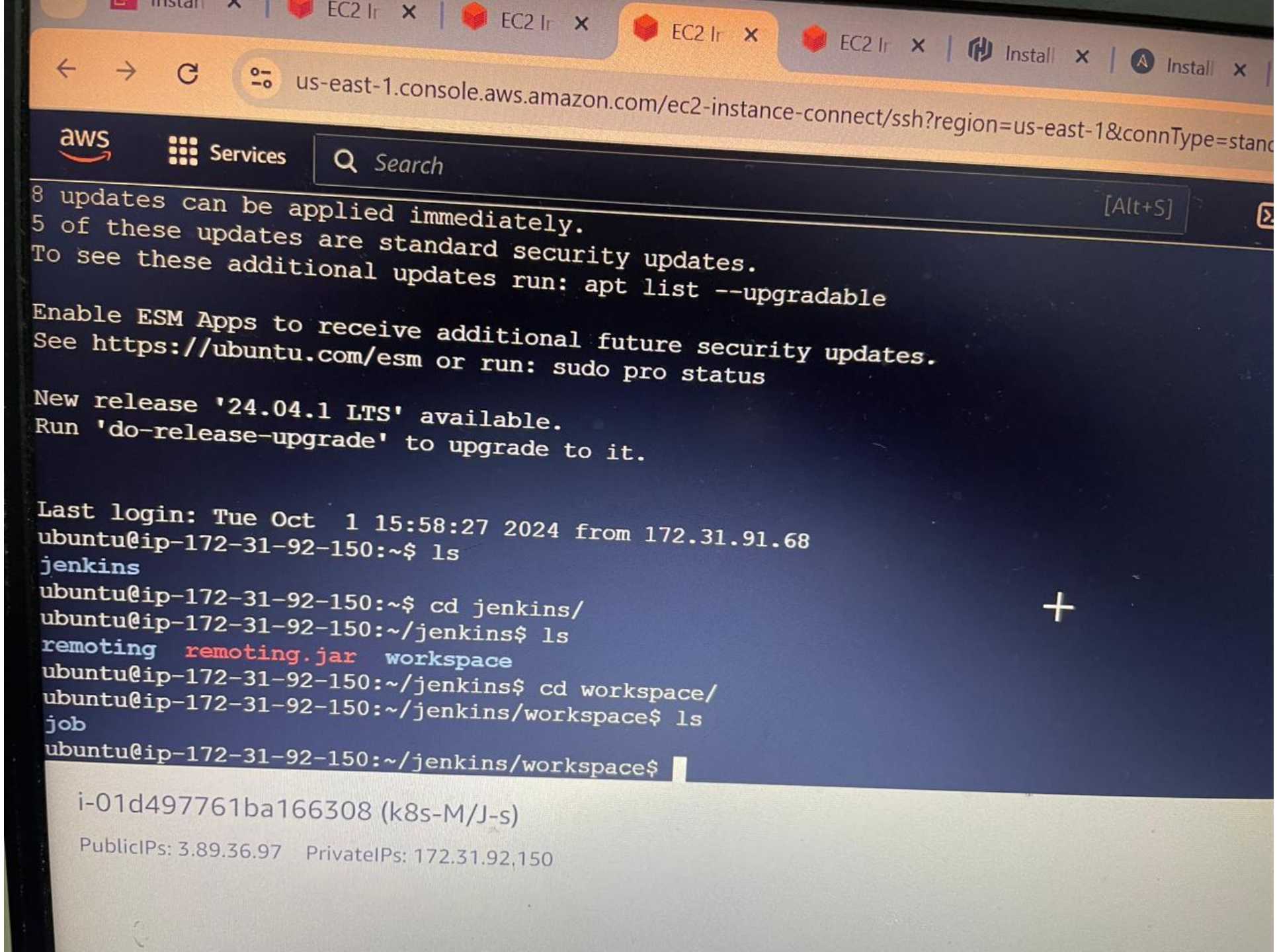
Save Apply

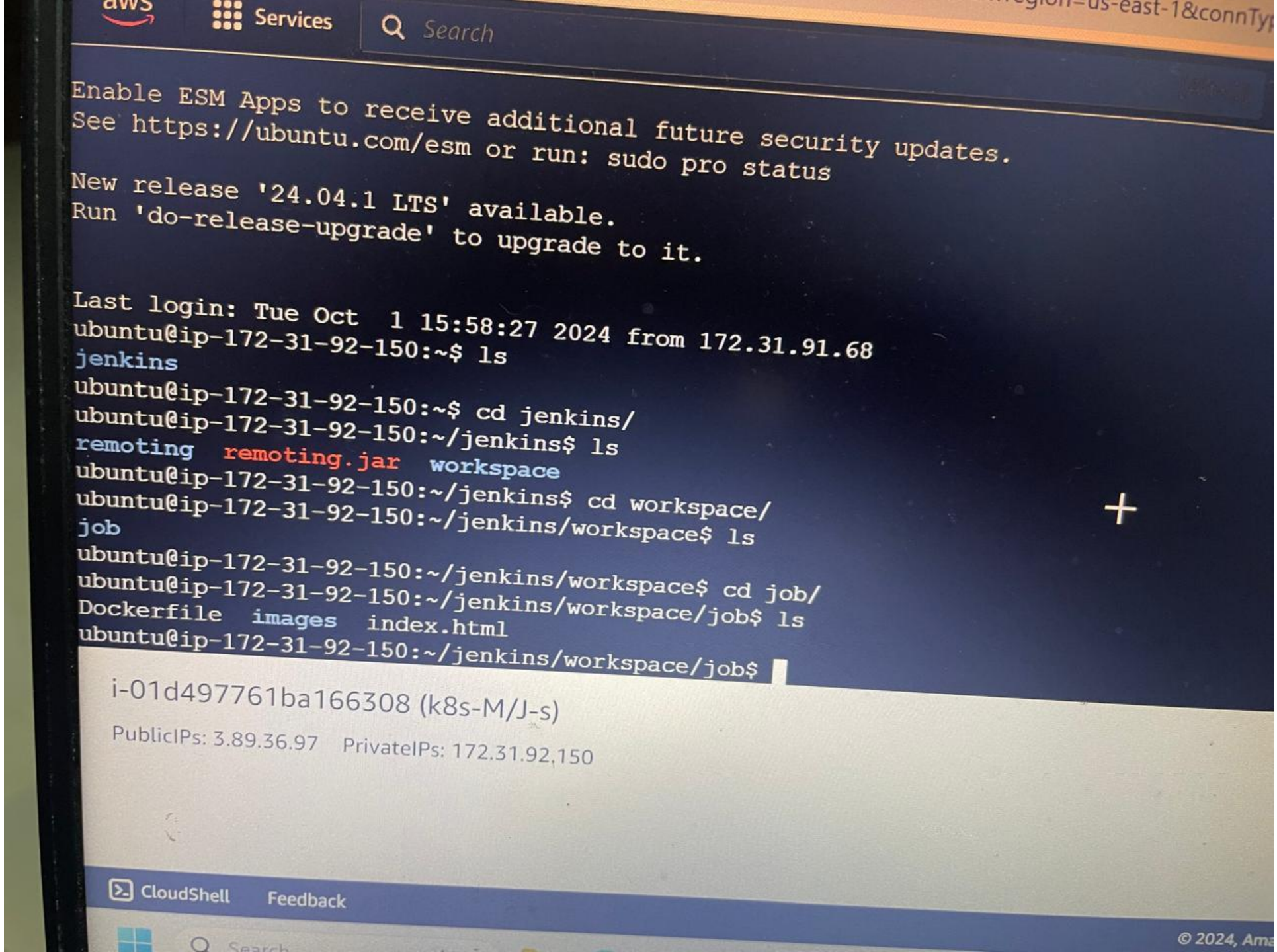
ENG
IN

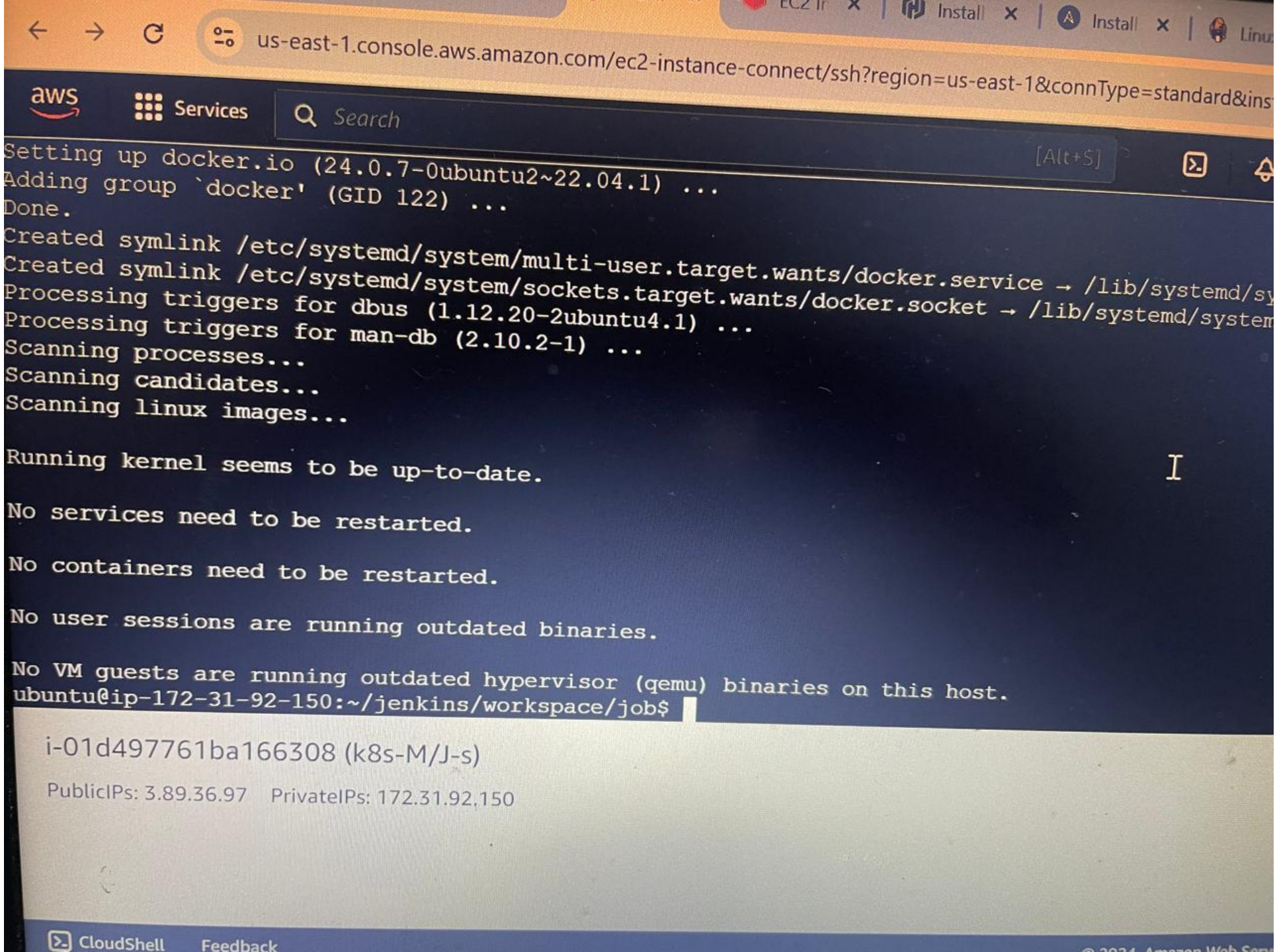

Configure
Delete Pipeline
Stages
Rename
Pipeline Syntax
GitHub Hook Log
Build History
trend
Filter...
/
#1
Oct 1, 2024, 5:15 PM
Atom feed for all
Atom feed for failures
Search

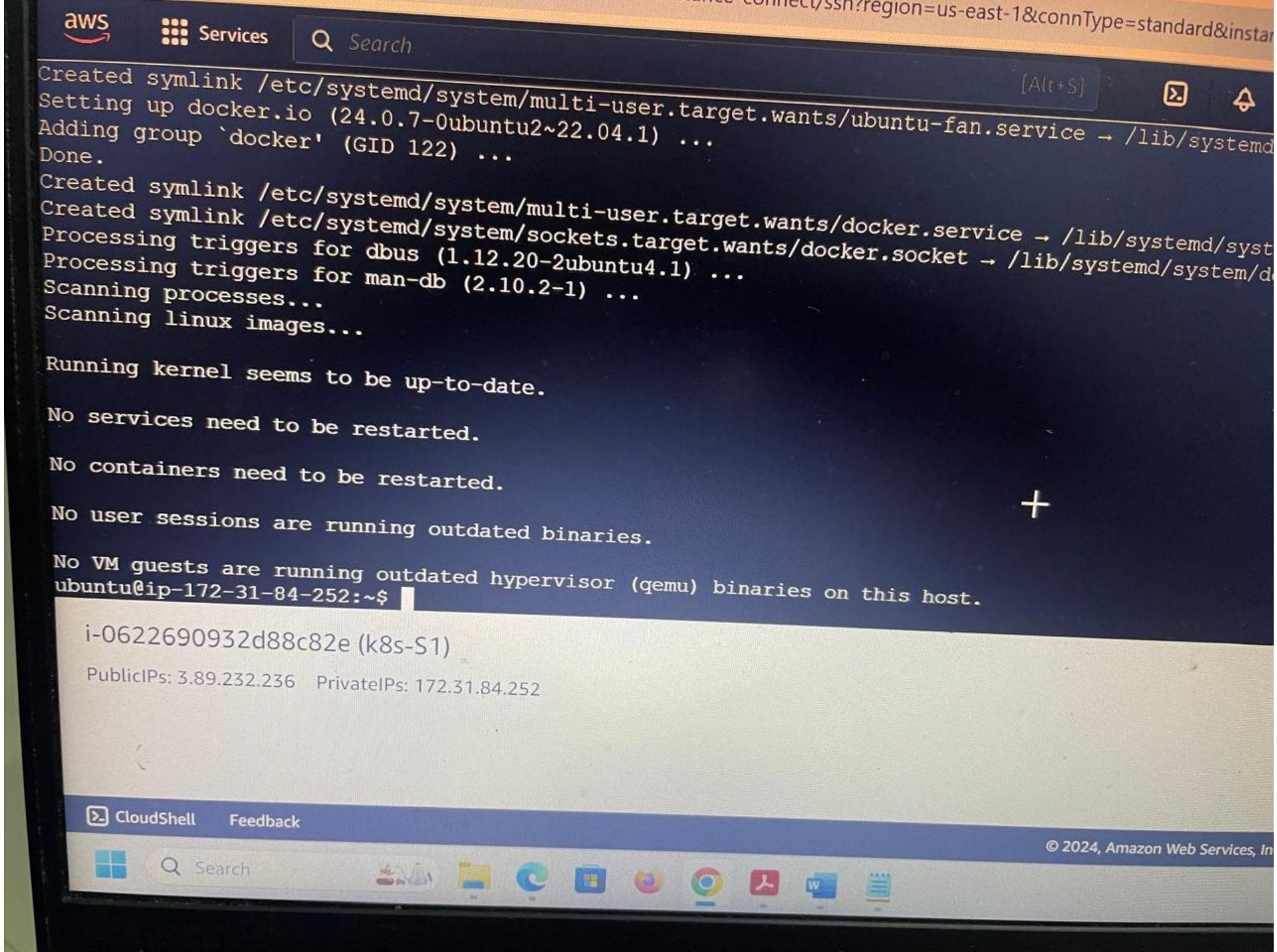
```
Avoid second fetch
Checking out Revision 6a41aac89c5d0288782628ed3bf67fc3628d388c (refs/remotes/origin/master)
 > git config remote.origin.url https://github.com/prasadcheekati1/website-demo.git # timeout=10
 > git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
 > git rev-parse refs/remotes/origin/master^{commit} # timeout=10
 > git config core.sparsecheckout # timeout=10
 > git checkout -f 6a41aac89c5d0288782628ed3bf67fc3628d388c # timeout=10
 > git branch -a -v --no-abbrev # timeout=10
 > git checkout -b master 6a41aac89c5d0288782628ed3bf67fc3628d388c # timeout=10
Commit message: "Create Dockerfile"
First time build. Skipping changelog.
[Pipeline] }
[Pipeline] // script
[Pipeline] }
[Pipeline] // node
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withCredentials
[Pipeline] End of Pipeline
Finished: SUCCESS
```

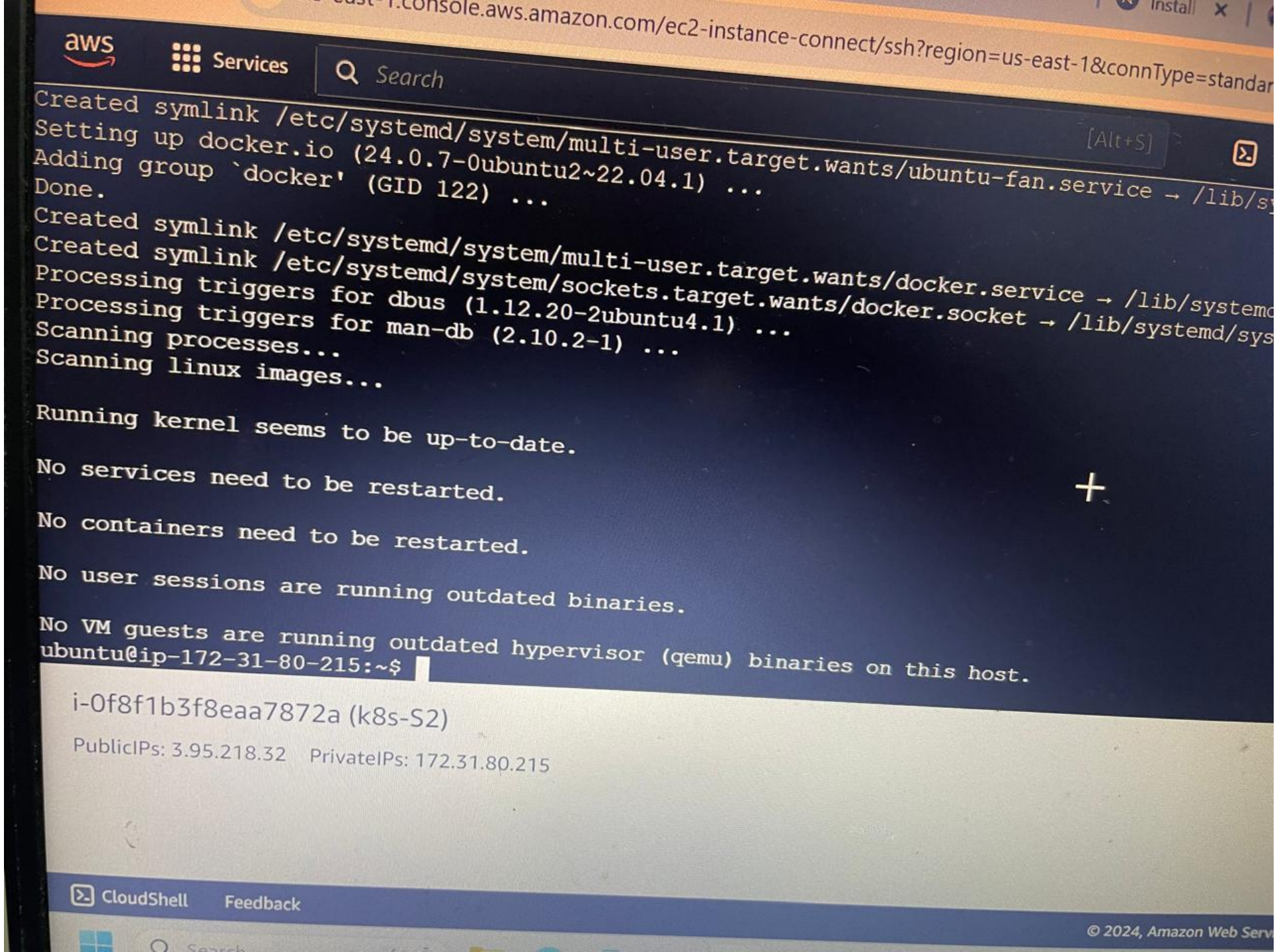

EC2 Ir
EC2 Ir
Install
Install
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&in
aws
Services
Search
[Alt+S]
Memory usage: 26%
Swap usage: 0%
IPv4 address for eth0: 172.31.92.150
Expanded Security Maintenance for Applications is not enabled.
8 updates can be applied immediately.
5 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status
New release '24.04.1 LTS' available.
Run 'do-release-upgrade' to upgrade to it.
Last login: Tue Oct 1 15:58:27 2024 from 172.31.91.68
ubuntu@ip-172-31-92-150:~$ ls
jenkins
ubuntu@ip-172-31-92-150:~$
i-01d497761ba166308 (k8s-M/J-s)
PublicIPs: 3.89.36.97 PrivateIPs: 172.31.92.150
CloudShell
Feedback


EC2 Ir
EC2 Ir
EC2 Ir
EC2 Ir
Install
Install
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=stanc
aws
Services
Search
[Alt+S]
8 updates can be applied immediately.
5 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status
New release '24.04.1 LTS' available.
Run 'do-release-upgrade' to upgrade to it.
Last login: Tue Oct 1 15:58:27 2024 from 172.31.91.68
ubuntu@ip-172-31-92-150:~$ ls
jenkins
ubuntu@ip-172-31-92-150:~$ cd jenkins/
ubuntu@ip-172-31-92-150:~/jenkins$ ls
remoting remoting.jar workspace
ubuntu@ip-172-31-92-150:~/jenkins$ cd workspace/
ubuntu@ip-172-31-92-150:~/jenkins/workspace$ ls
job
ubuntu@ip-172-31-92-150:~/jenkins/workspace$
i-01d497761ba166308 (k8s-M/J-s)
PublicIPs: 3.89.36.97 PrivateIPs: 172.31.92.150


Services
Search
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status
New release '24.04.1 LTS' available.
Run 'do-release-upgrade' to upgrade to it.
Last login: Tue Oct 1 15:58:27 2024 from 172.31.91.68
ubuntu@ip-172-31-92-150:~$ ls
jenkins
ubuntu@ip-172-31-92-150:~$ cd jenkins/
ubuntu@ip-172-31-92-150:~/jenkins$ ls
remoting remoting.jar workspace
ubuntu@ip-172-31-92-150:~/jenkins$ cd workspace/
ubuntu@ip-172-31-92-150:~/jenkins/workspace$ ls
job
ubuntu@ip-172-31-92-150:~/jenkins/workspace$ cd job/
ubuntu@ip-172-31-92-150:~/jenkins/workspace/job$ ls
Dockerfile images index.html
ubuntu@ip-172-31-92-150:~/jenkins/workspace/job$
i-01d497761ba166308 (k8s-M/J-s)
PublicIPs: 3.89.36.97 PrivateIPs: 172.31.92.150
CloudShell
Feedback


us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&ins
aws
Services
Search
[Alt+S]
Setting up docker.io (24.0.7-0ubuntu2~22.04.1) ...
Adding group `docker' (GID 122) ...
Done.
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /lib/systemd/sy
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /lib/systemd/system
Processing triggers for dbus (1.12.20-2ubuntu4.1) ...
Processing triggers for man-db (2.10.2-1) ...
Scanning processes...
Scanning candidates...
Scanning linux images...
Running kernel seems to be up-to-date.
No services need to be restarted.
No containers need to be restarted.
No user sessions are running outdated binaries.
No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-92-150:~/jenkins/workspace/job$
i-01d497761ba166308 (k8s-M/J-s)
PublicIPs: 3.89.36.97 PrivateIPs: 172.31.92.150
CloudShell
Feedback


aws
Services
Search
[Alt+S]
connect/ssh?region=us-east-1&connType=standard&instar
Created symlink /etc/systemd/system/multi-user.target.wants/ubuntu-fan.service → /lib/systemd
Setting up docker.io (24.0.7-0ubuntu2~22.04.1) ...
Adding group `docker' (GID 122) ...
Done.
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /lib/systemd/syst
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /lib/systemd/system/d
Processing triggers for dbus (1.12.20-2ubuntu4.1) ...
Processing triggers for man-db (2.10.2-1) ...
Scanning processes...
Scanning linux images...
Running kernel seems to be up-to-date.
No services need to be restarted.
No containers need to be restarted.
No user sessions are running outdated binaries.
No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-84-252:~$
i-0622690932d88c82e (k8s-S1)
PublicIPs: 3.89.232.236 PrivateIPs: 172.31.84.252
CloudShell
Feedback
© 2024, Amazon Web Services, In
Search


aws
Services
Search
[Alt+S]
Created symlink /etc/systemd/system/multi-user.target.wants/ubuntu-fan.service → /lib/sy
Setting up docker.io (24.0.7-0ubuntu2~22.04.1) ...
Adding group `docker' (GID 122) ...
Done.
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /lib/systemd
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /lib/systemd/sys
Processing triggers for dbus (1.12.20-2ubuntu4.1) ...
Processing triggers for man-db (2.10.2-1) ...
Scanning processes...
Scanning linux images...
Running kernel seems to be up-to-date.
No services need to be restarted.
No containers need to be restarted.
No user sessions are running outdated binaries.
No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-80-215:~$
i-0f8f1b3f8eaa7872a (k8s-S2)
PublicIPs: 3.95.218.32 PrivateIPs: 172.31.80.215
CloudShell
Feedback
© 2024, Amazon Web Servi

Definition

Pipeline script

Script ?

```
6
7   stages {
8       stage('docker') {
9           agent {
10              label "k8s-Master"
11          }
12          steps {
13              script {
14                  // git 'https://github.com/prasadcheekati1/website-demo.git'
15                  sh 'sudo docker build . -t prasadcheekati1/project2'
16                  sh 'sudo docker login -u ${DOCKERHUB_CREDENTIALS_USR} -p ${DOCKERHUB_CREDN
17                  sh 'sudo docker push prasadcheekati1/proj2'
18              }
19          }
20      }
21  }
22  }
```

Use Groovy Sandbox ?

Save Apply

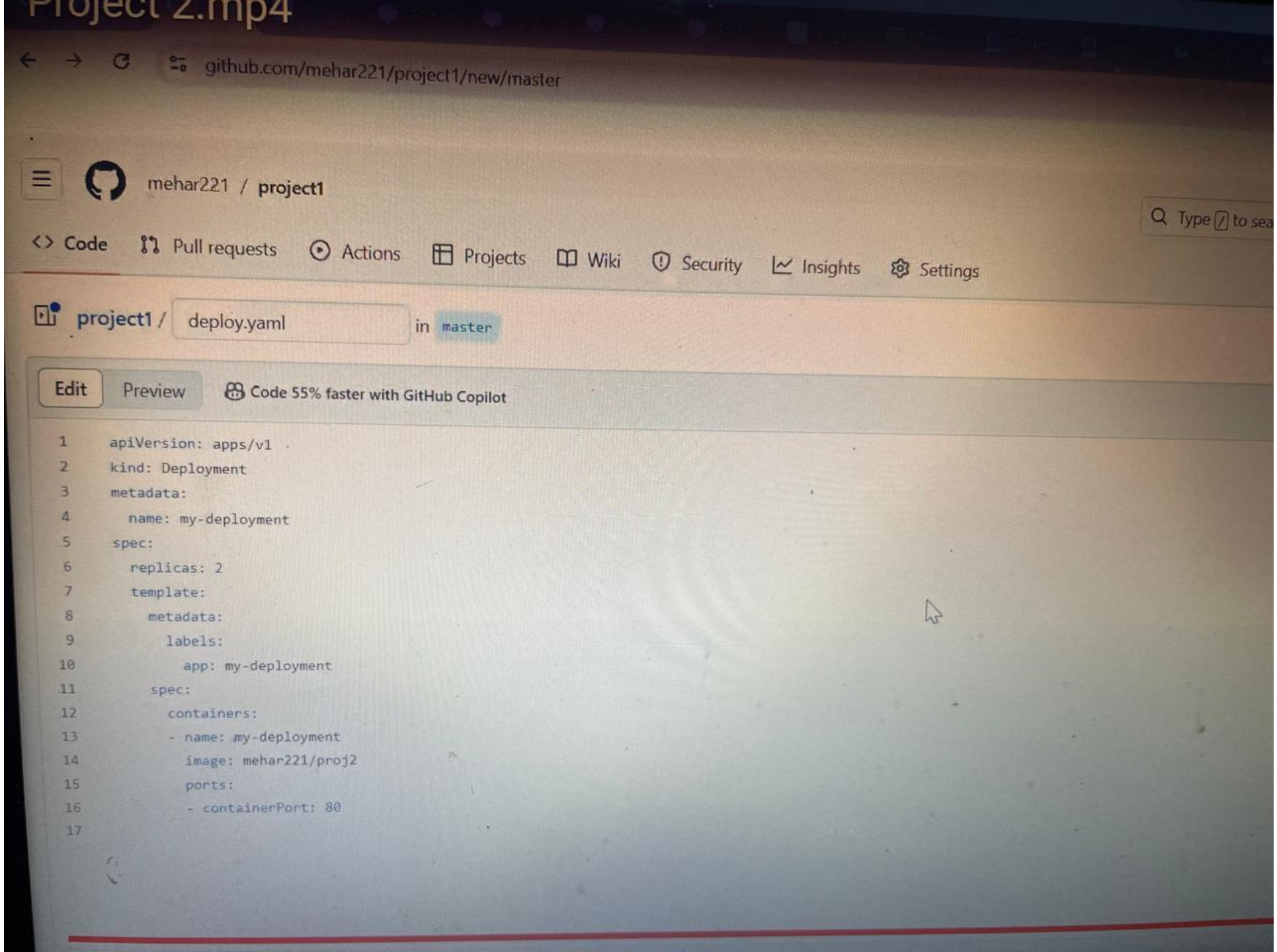
Services Search [Alt+S]

```
Processing triggers for man-db (2.10.2-1) ...
Scanning processes...
Scanning candidates...
Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-92-150:~/jenkins/workspace/job$ cd
ubuntu@ip-172-31-92-150:~$ sudo docker images
REPOSITORY                  TAG       IMAGE ID       CREATED          SIZE
prasadcheekati1/proj2       latest    7a672bbd8fb5   22 minutes ago   232MB
prasadcheekati1/project2    latest    7a672bbd8fb5   22 minutes ago   232MB
ubuntu                      latest    b1e9cef3f297   5 weeks ago      78.1MB
ubuntu@ip-172-31-92-150:~$
```

i-01d497761ba166308 (k8s-M/J-s)

PublicIPs: 3.89.36.97 PrivateIPs: 172.31.92.150

CloudShell Feedback


Project 2.mp4
github.com/mehar221/project1/new/master
mehar221 / project1
Type / to sea
Code
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
project1 / deploy.yaml in master
Edit
Preview
Code 55% faster with GitHub Copilot
1 apiVersion: apps/v1
2 kind: Deployment
3 metadata:
4 name: my-deployment
5 spec:
6 replicas: 2
7 template:
8 metadata:
9 labels:
10 app: my-deployment
11 spec:
12 containers:
13 - name: my-deployment
14 image: mehar221/proj2
15 ports:
16 - containerPort: 80
17

peline

efinition

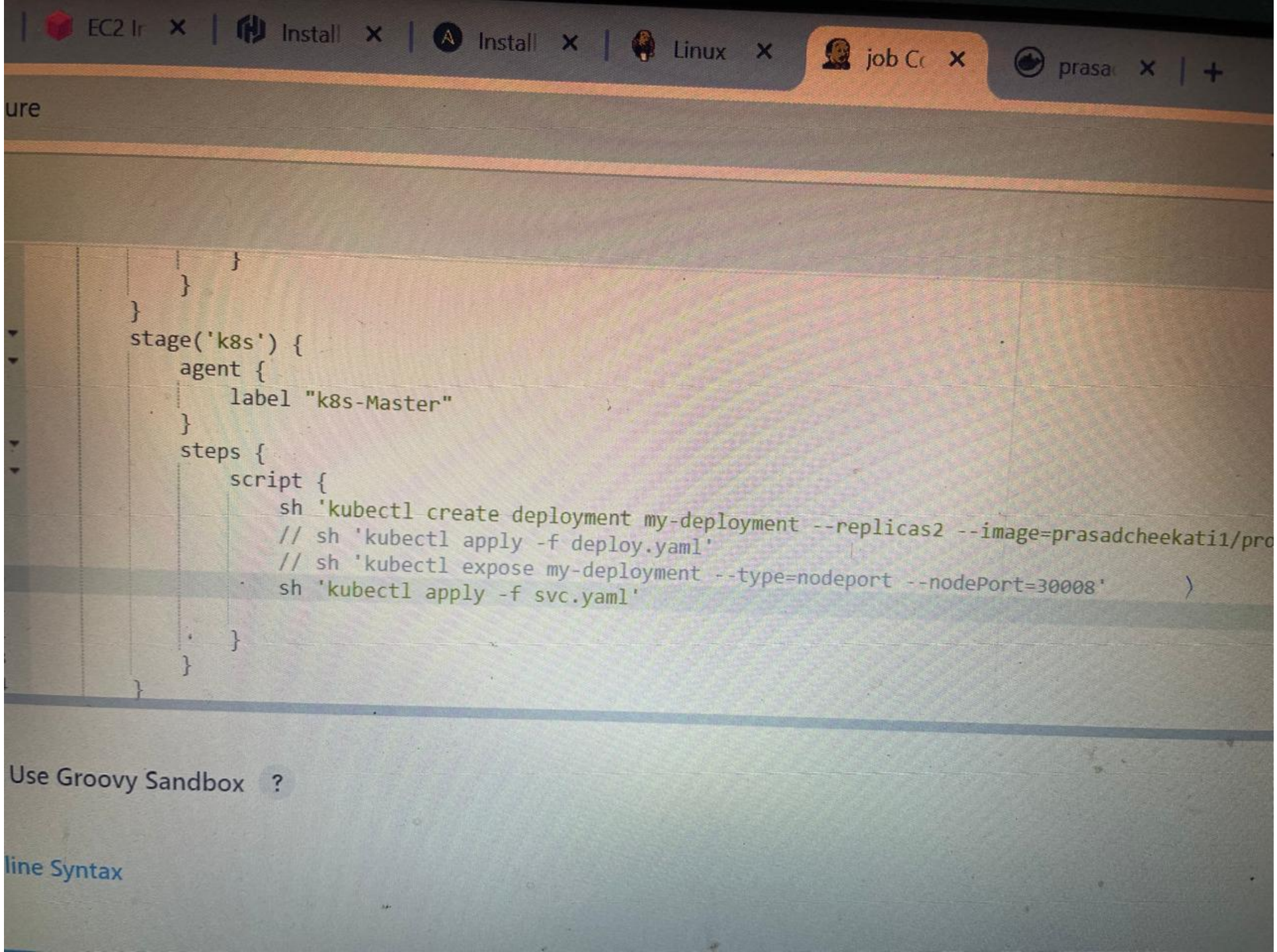
Pipeline script

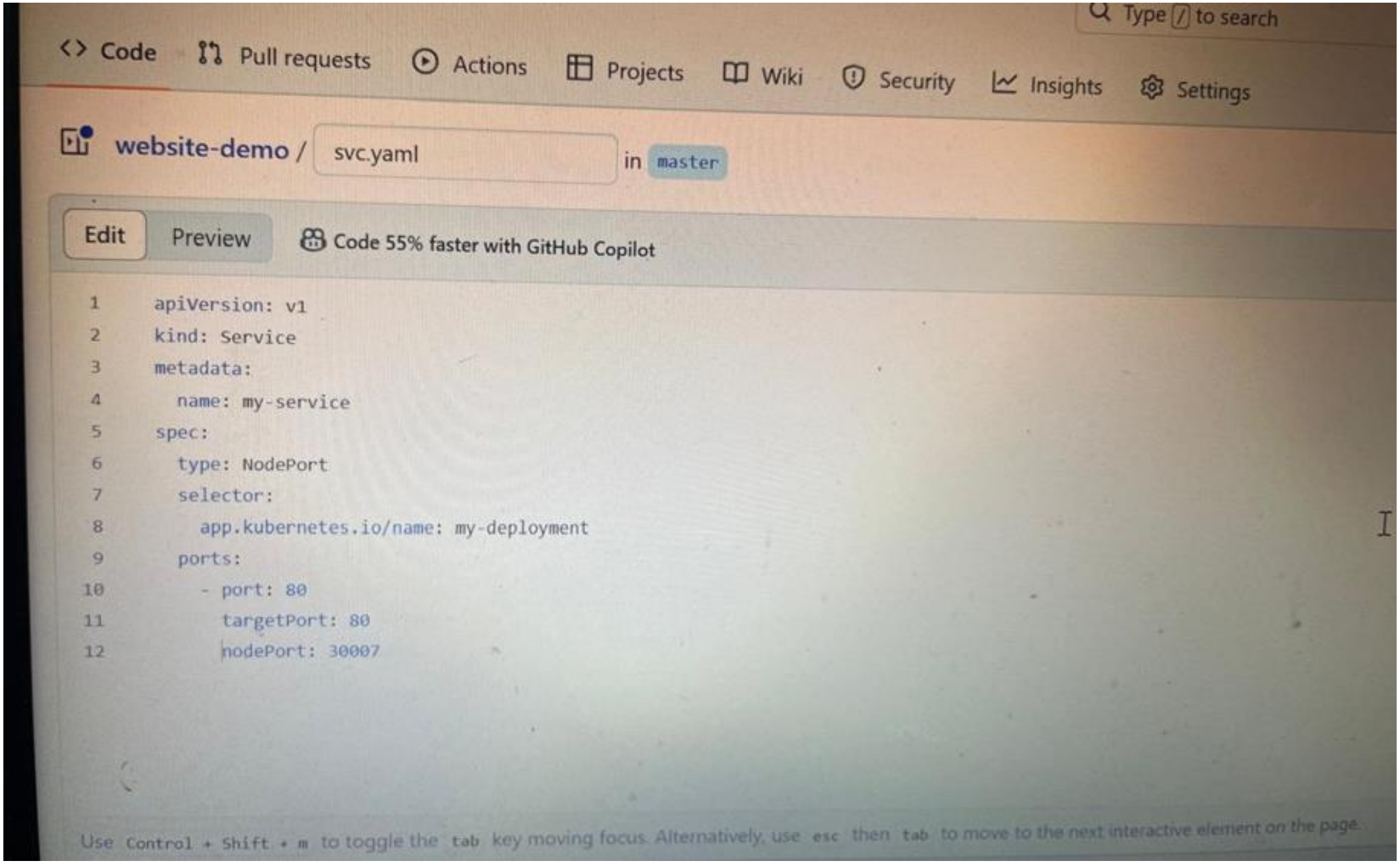
Script ?

```
16                  sh 'sudo docker login -u ${DOCKERHUB_CREDENTIALS_USR} -p ${DOCKERHUB_CREDNTIALS_P
17                  sh 'sudo docker push prasadcheekati1/proj2'
18              }
19          }
20      }
21      stage('k8s') {
22          agent {
23              label "k8s-Master"
24          }
25          steps {
26              script {
27                  sh 'cubectl create deployment my-deployment --replicas2 --image=prasadcheekati1/proj
28                  sh ''
29
30              }
31          }
32      }
```

Save Apply

ENG
IN


EC2 Ir
Install
Install
Linux
job C
prasa
ure
}
}
}
stage('k8s') {
agent {
label "k8s-Master"
}
steps {
script {
sh 'kubectl create deployment my-deployment --replicas2 --image=prasadcheekati1/pro
// sh 'kubectl apply -f deploy.yaml'
// sh 'kubectl expose my-deployment --type=nodeport --nodePort=30008'
sh 'kubectl apply -f svc.yaml'
}
}
}
Use Groovy Sandbox ?
line Syntax


Type / to search
Code
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
website-demo / svc.yaml in master
Edit
Preview
Code 55% faster with GitHub Copilot
1 apiVersion: v1
2 kind: Service
3 metadata:
4 name: my-service
5 spec:
6 type: NodePort
7 selector:
8 app.kubernetes.io/name: my-deployment
9 ports:
10 - port: 80
11 targetPort: 80
12 nodePort: 30007
Use Control + Shift + m to toggle the tab key moving focus. Alternatively, use esc then tab to move to the next interactive element on the page.

Script ?

```
19          }
20      }
21      stage('k8s') {
22          agent {
23              label "k8s-Master"
24          }
25          steps {
26              script {
27                  sh 'kubectl delete deployment my-deployment'
28                  sh 'kubectl create deployment my-deployment --replicas2 --image=prasadc
29                  // sh 'kubectl apply -f deploy.yaml'
30                  // sh 'kubectl expose my-deployment --type=nodeport --nodePort=30008'
31                  sh 'kubectl apply -f svc.yaml'
32
33              }
34          }
35      }
```

Use Groovy Sandbox ?

Pipeline Syntax

Save Apply