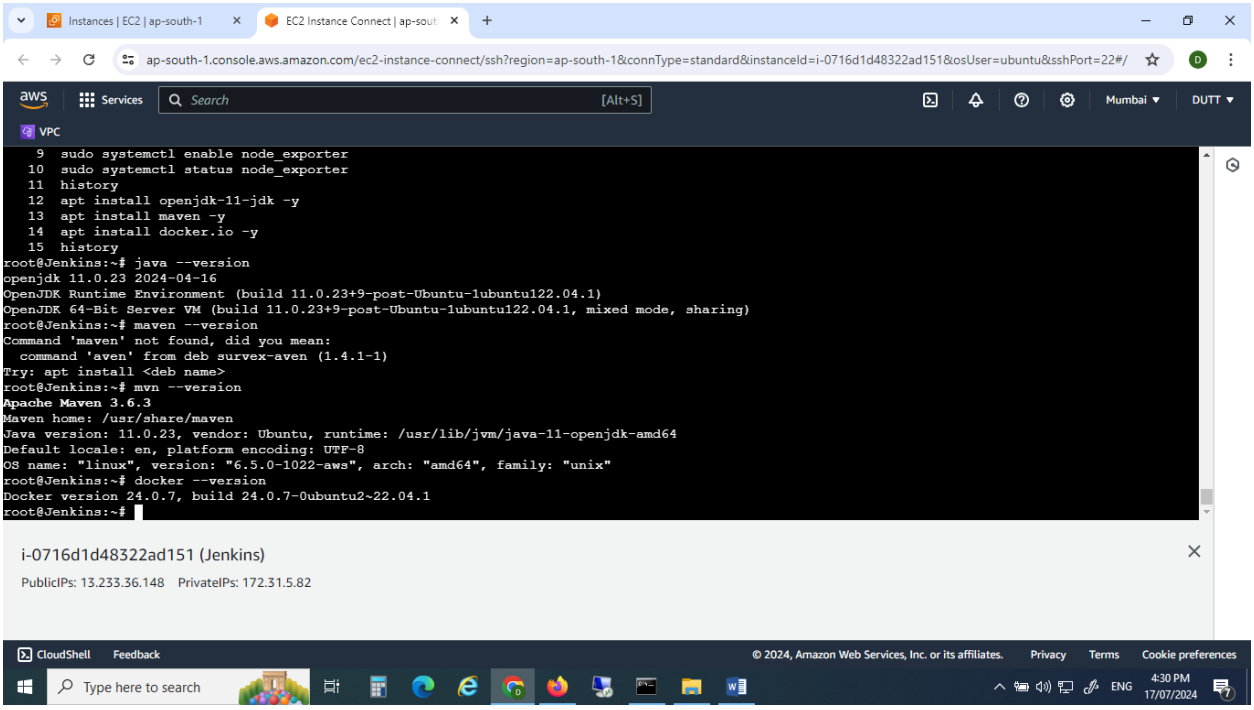
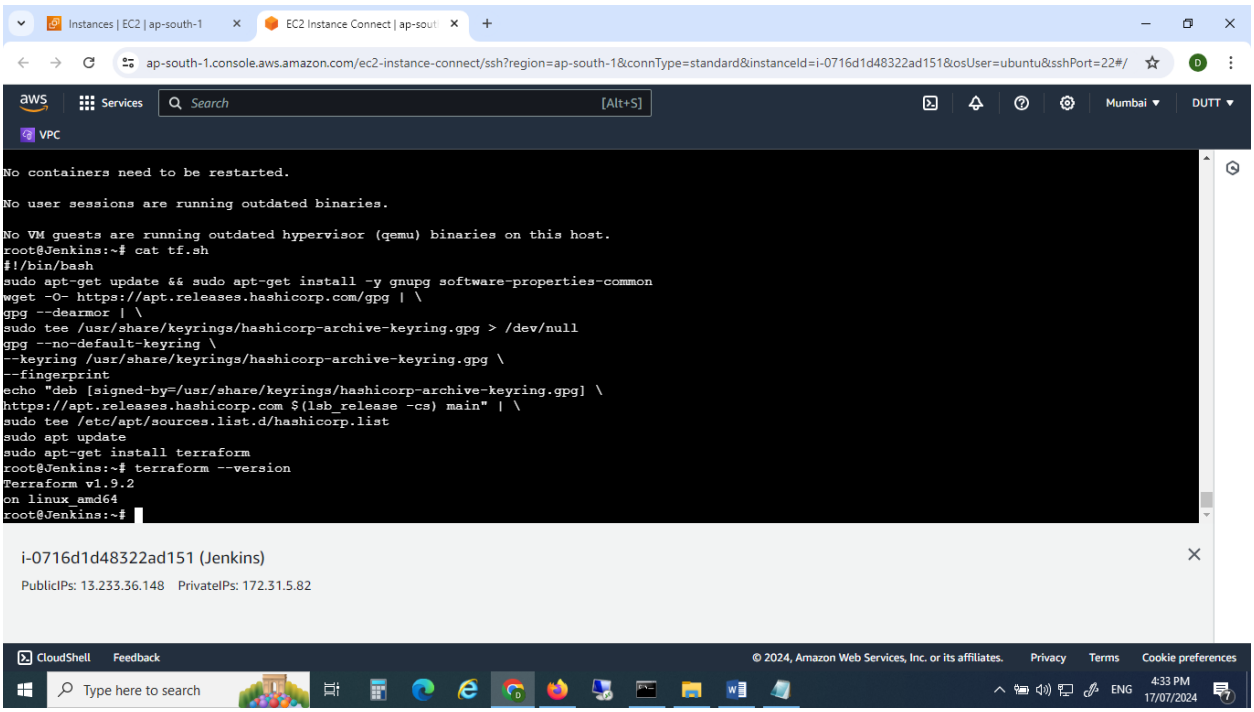
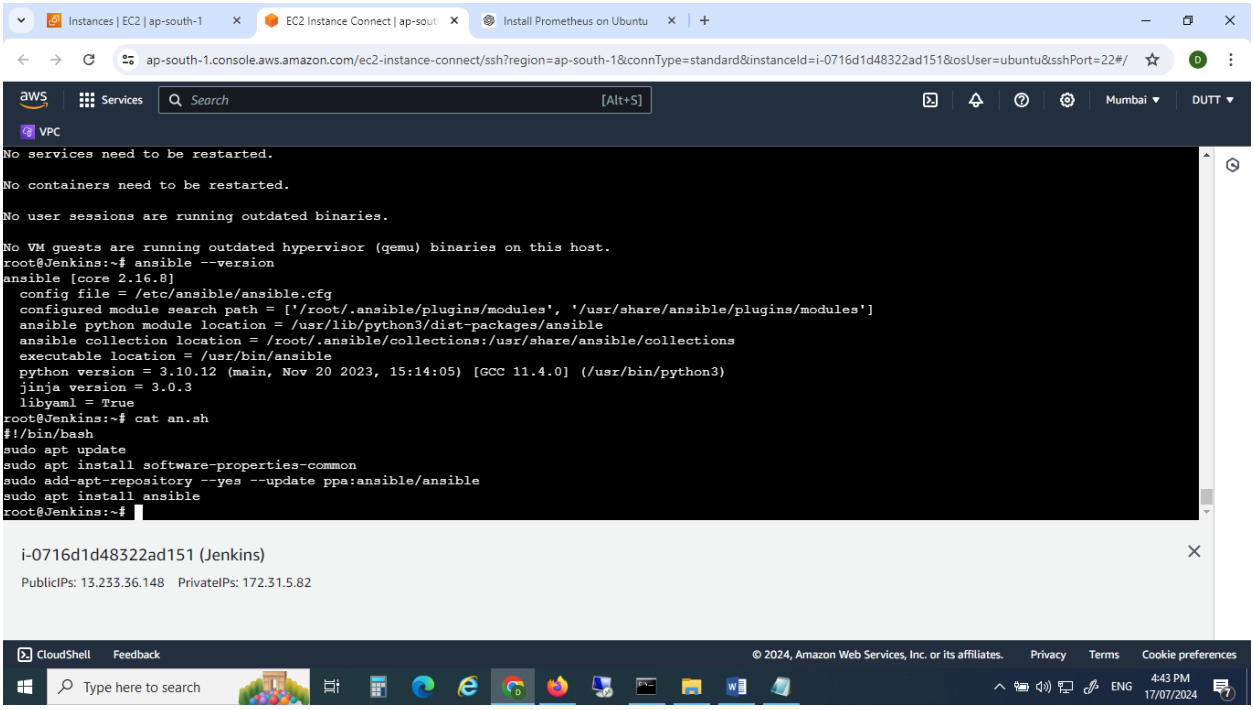
Installed jdk,maven,docker



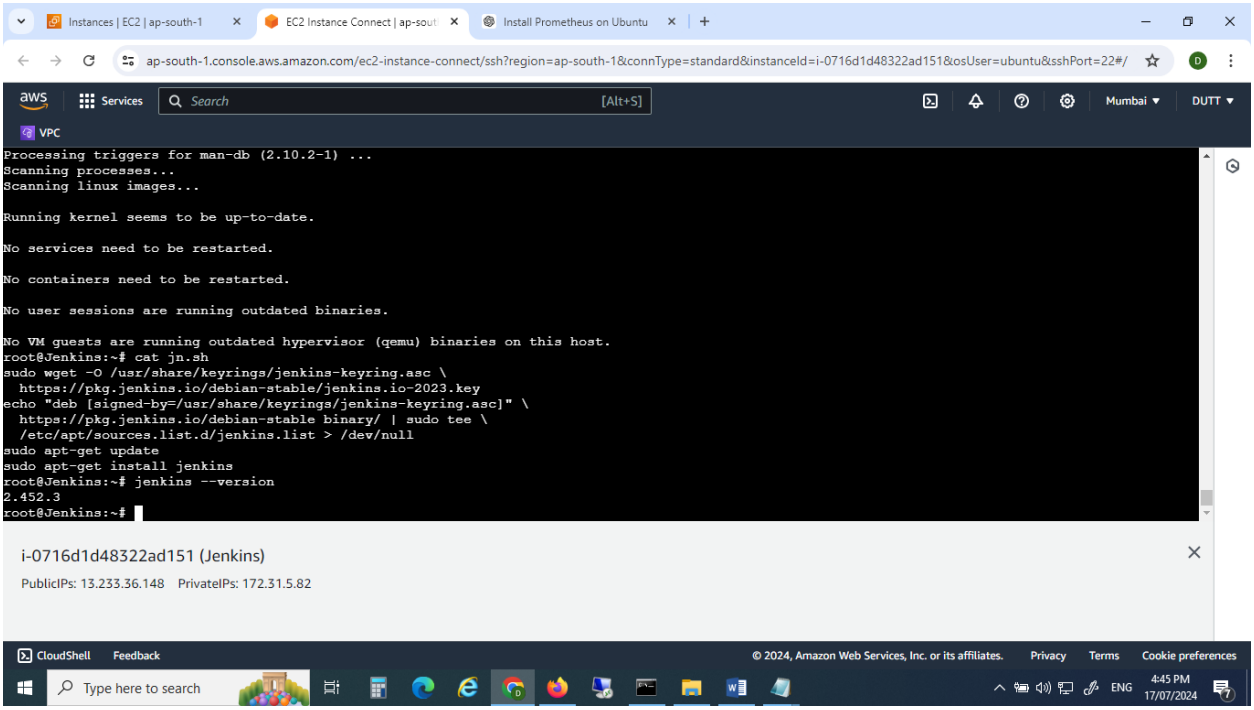
Terraform Installed



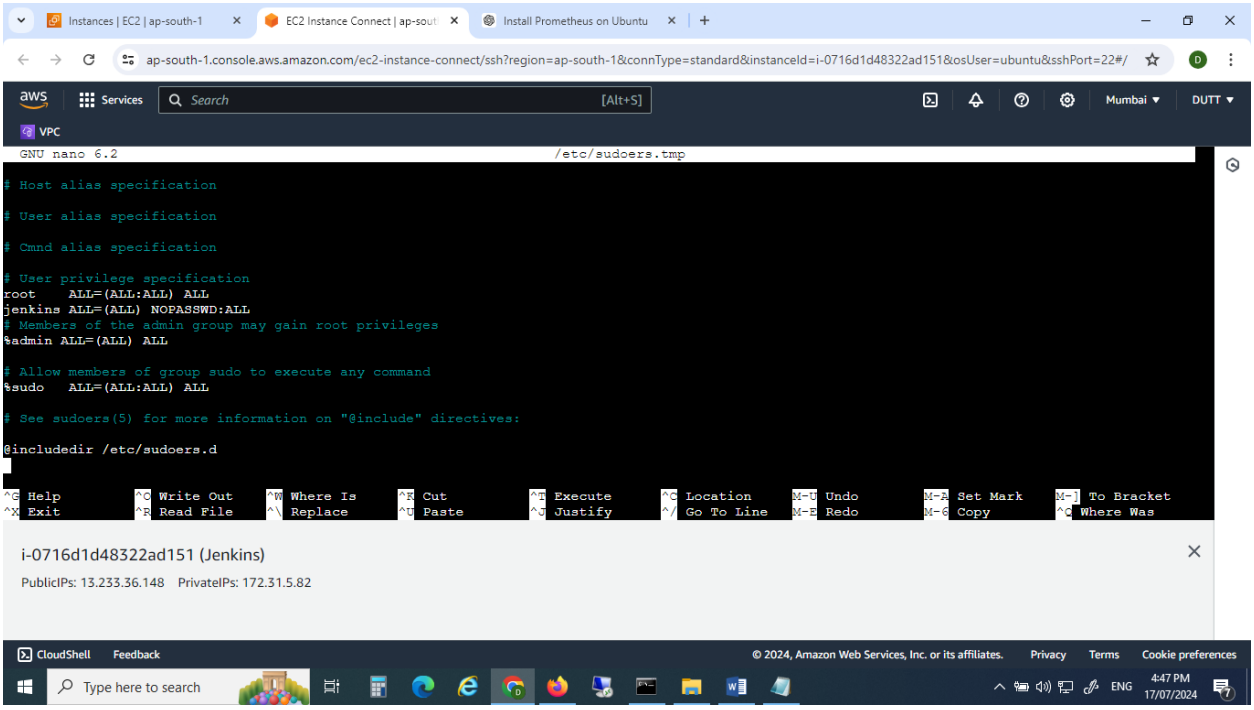
Ansible Installed



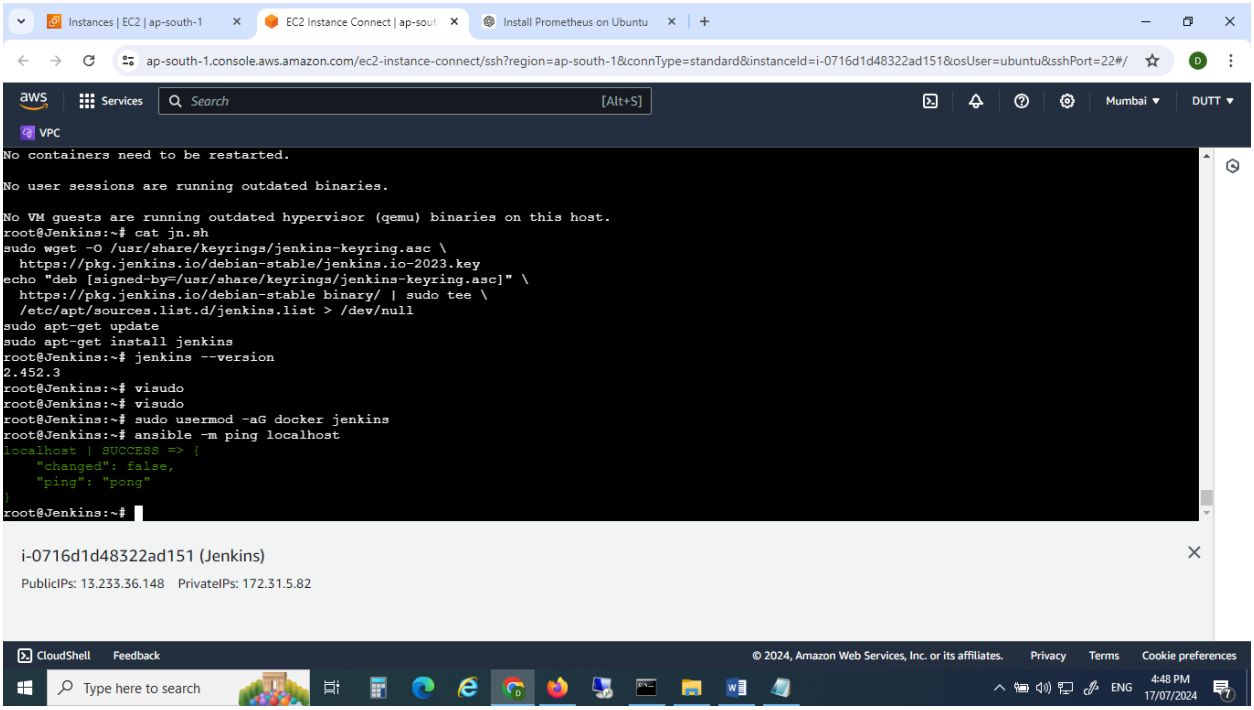
Jenkins Installed



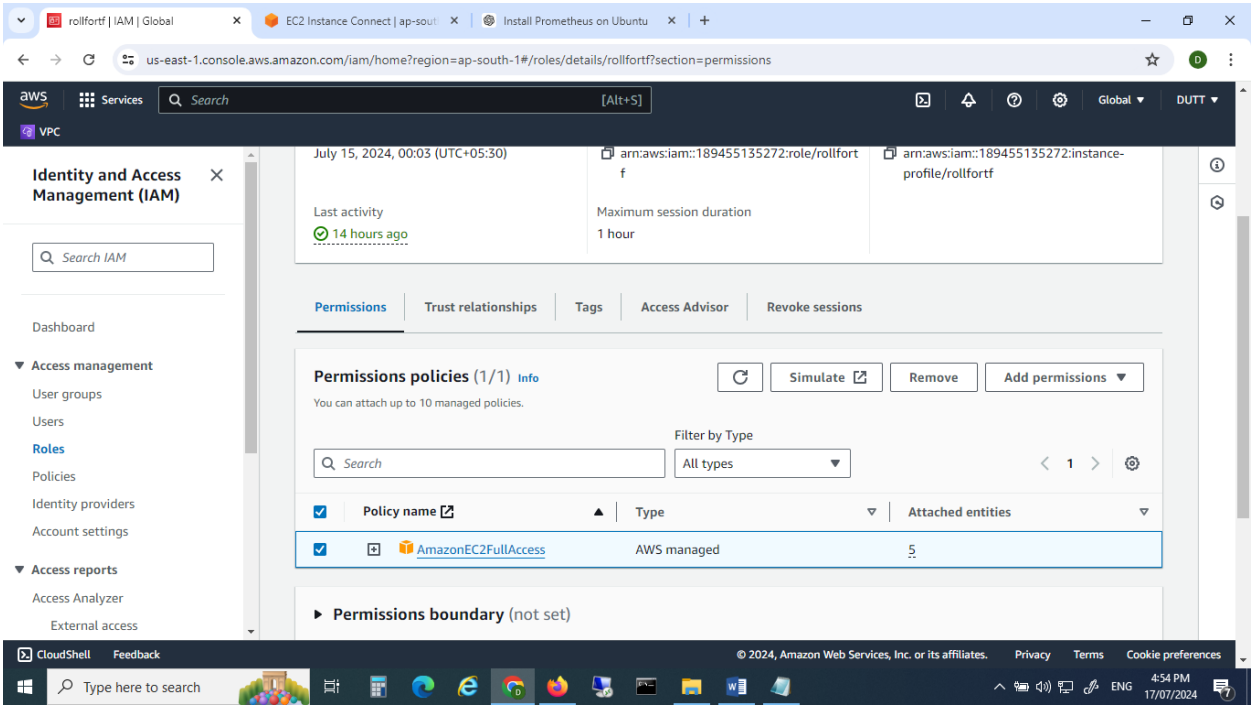
Added Jenkins users to sudo access



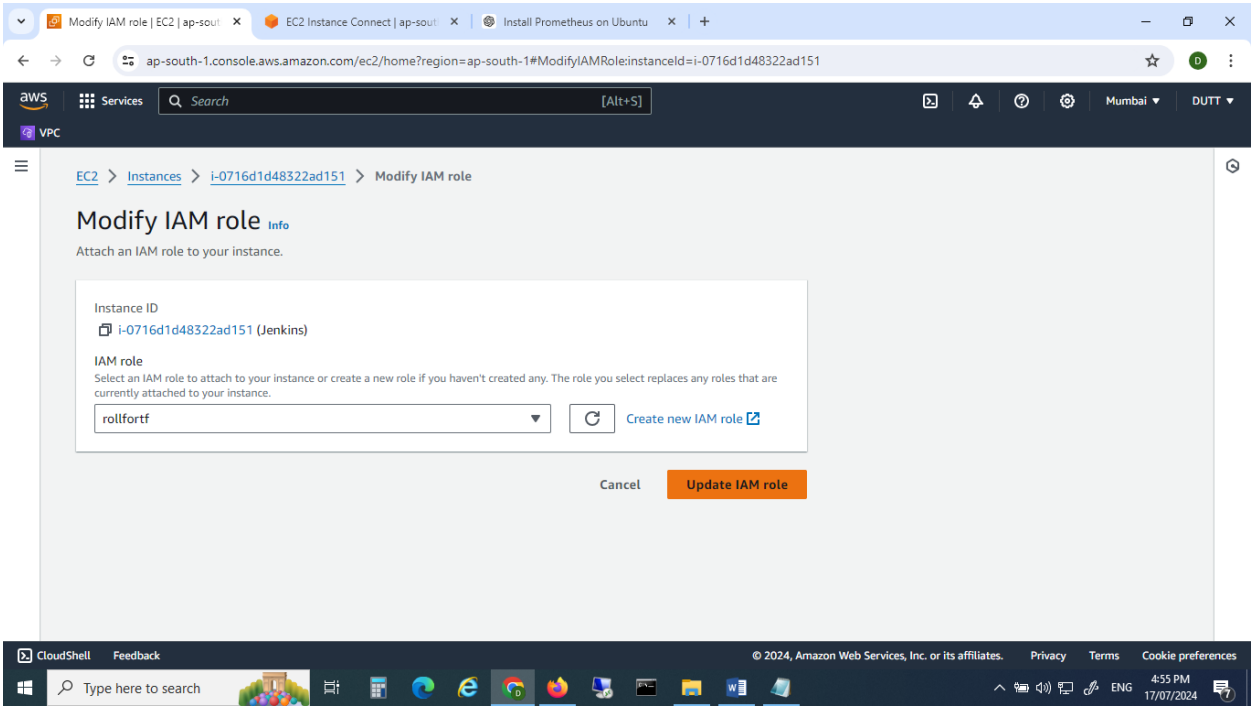
Add docker to Jenkins group and check ansible working



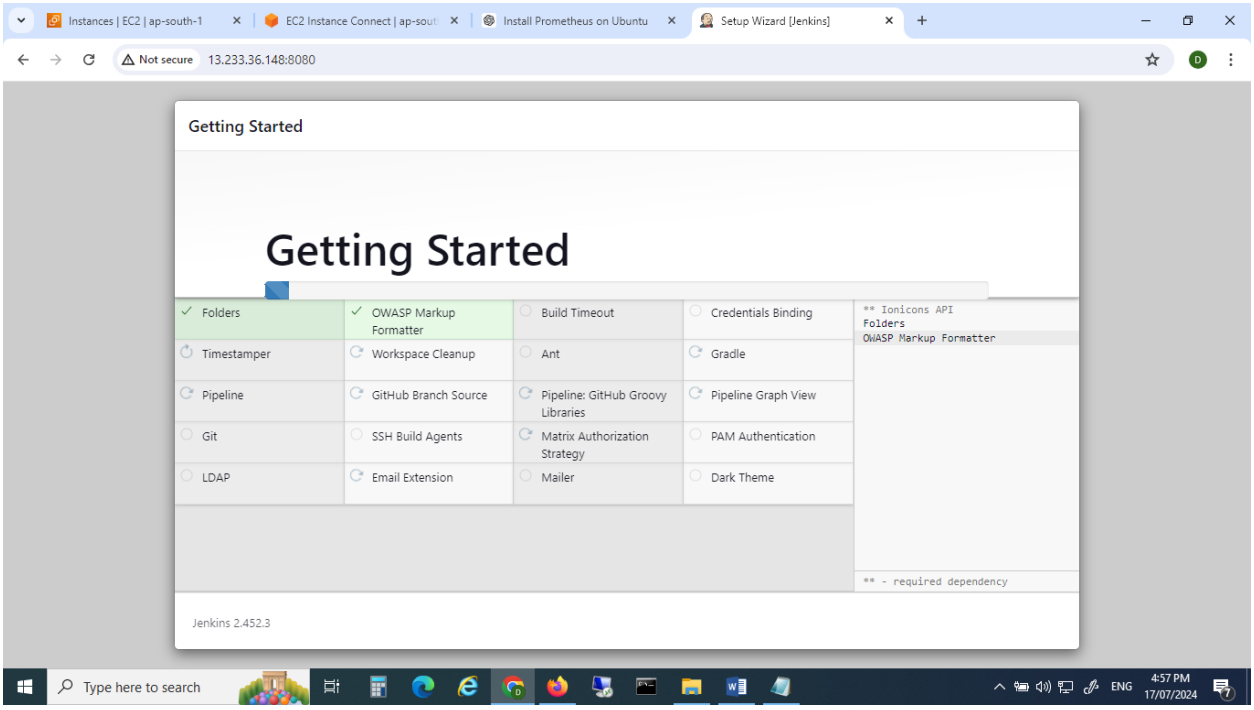
Create roll with ec2 full access



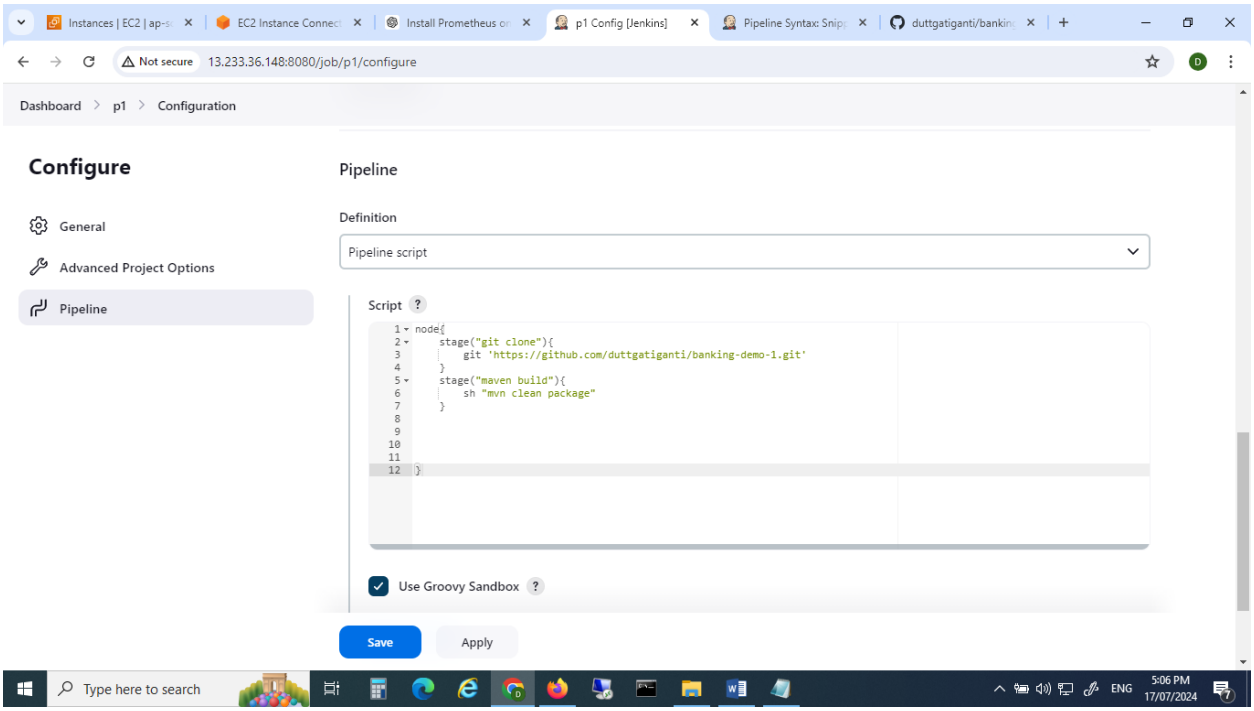
Attach role to ec2



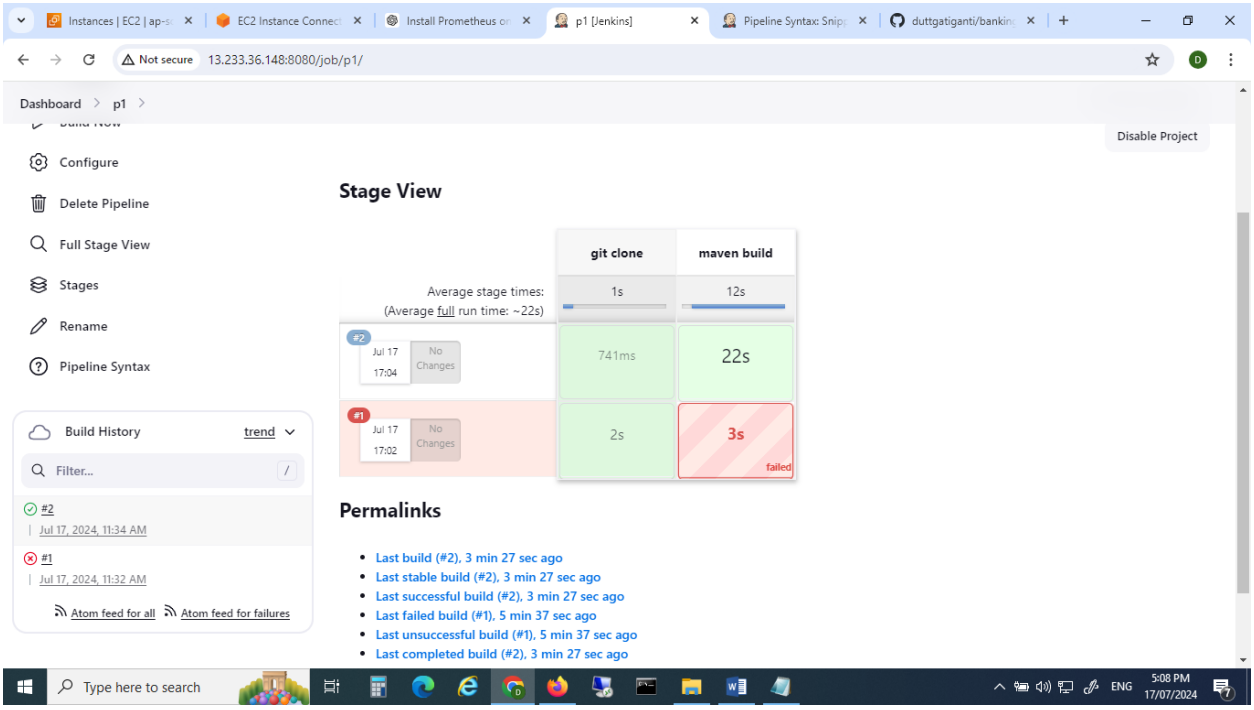
Access Jenkins



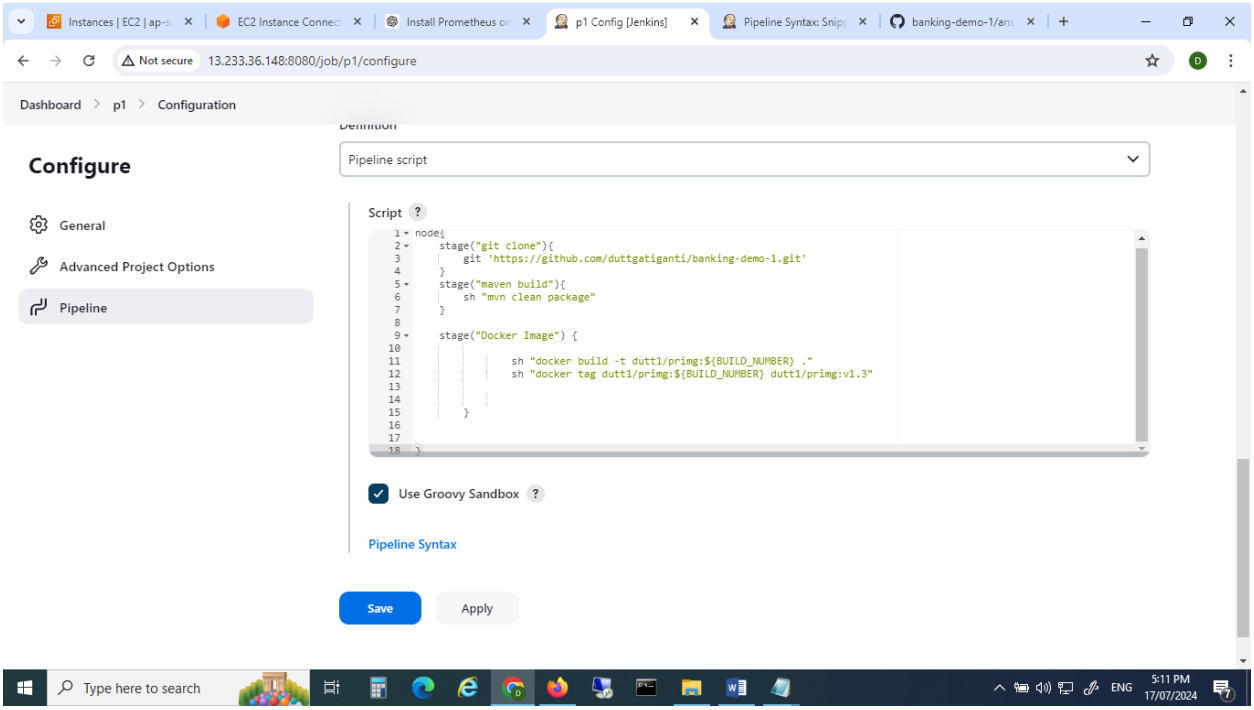
Configure git clone and build



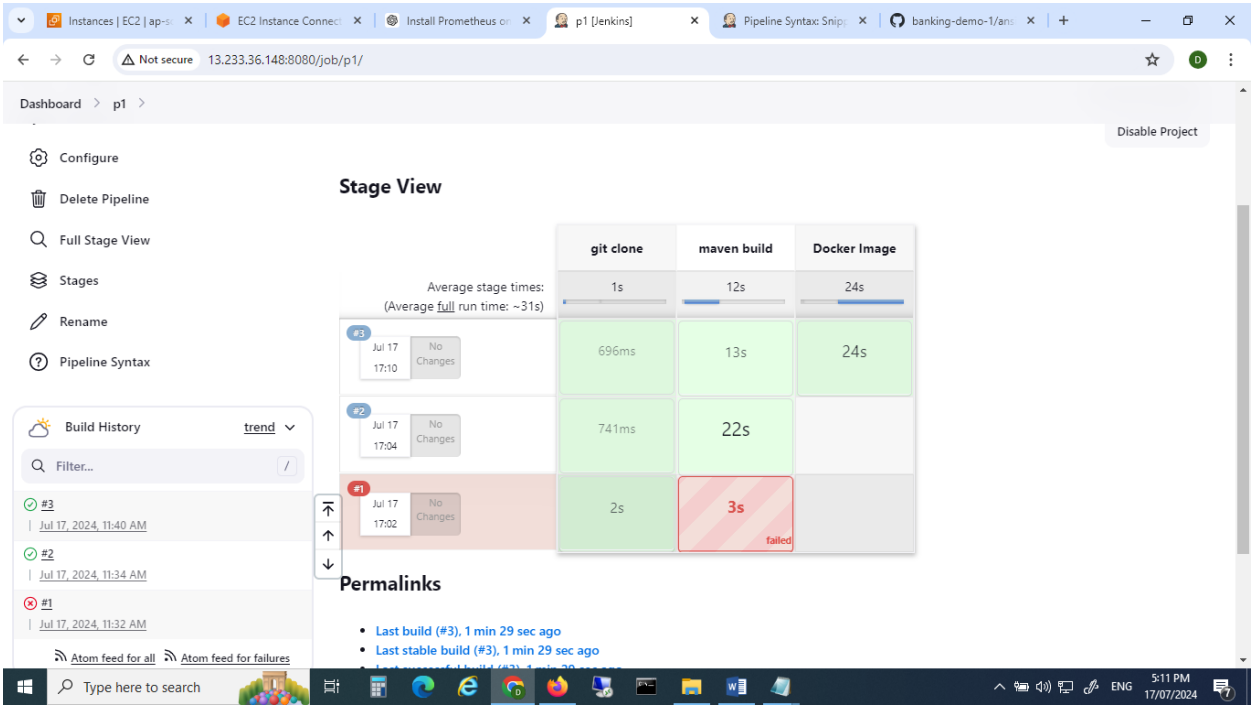
Build success



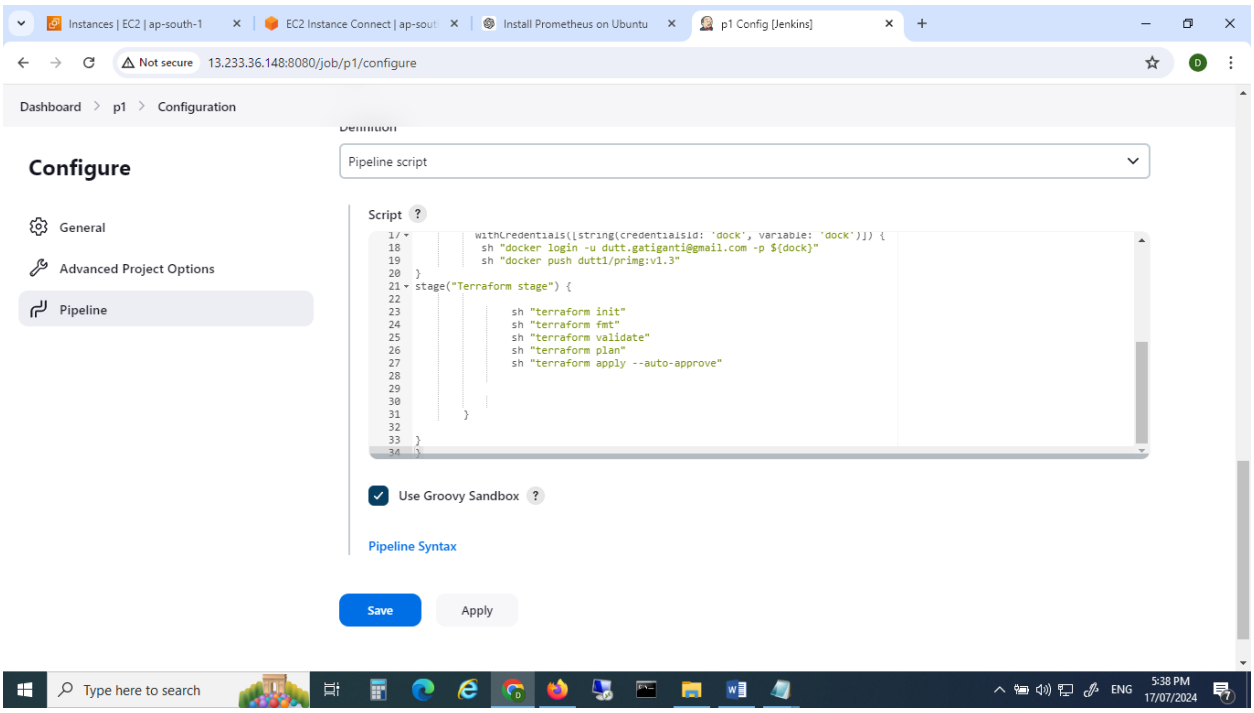
Configure Docker build



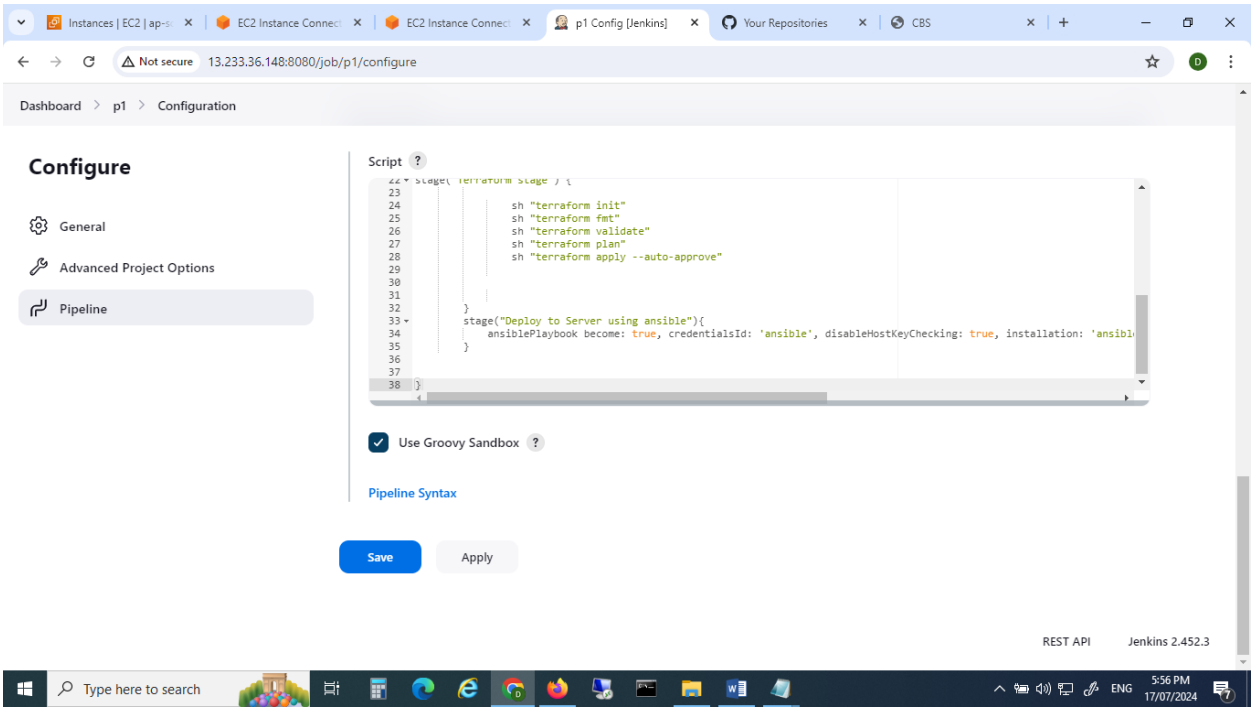
Docker build success



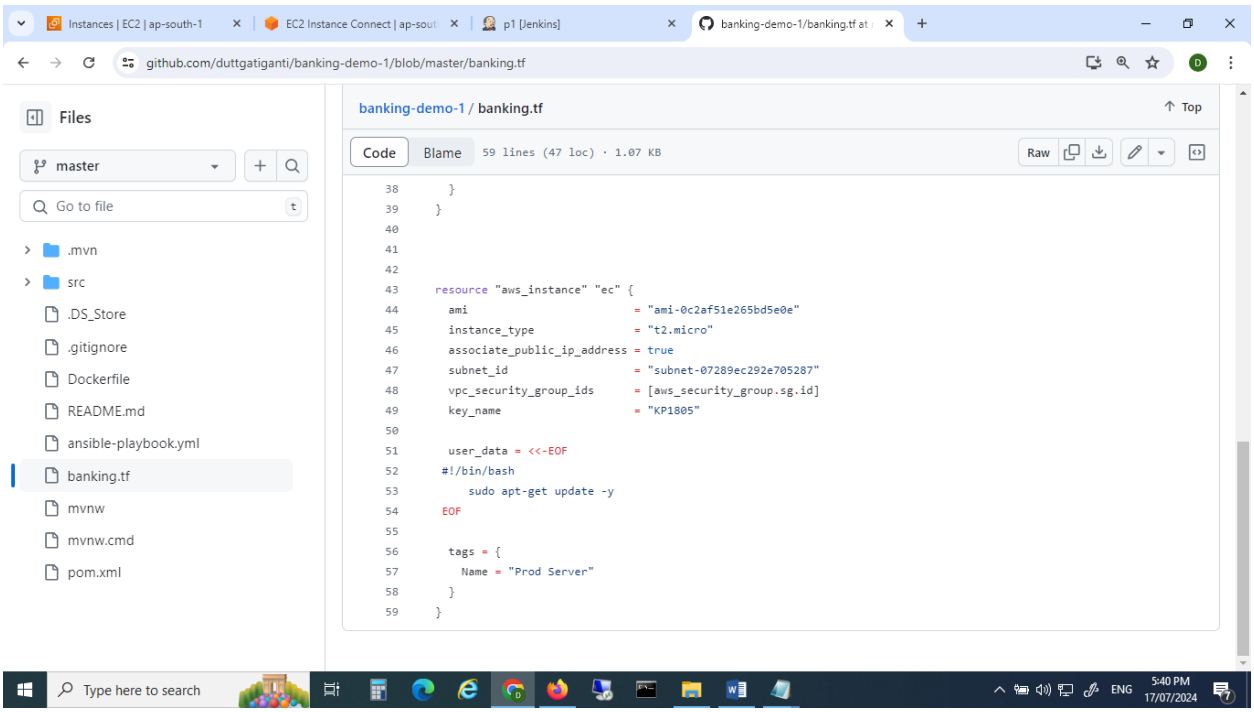
Configure terraform stage and docker login



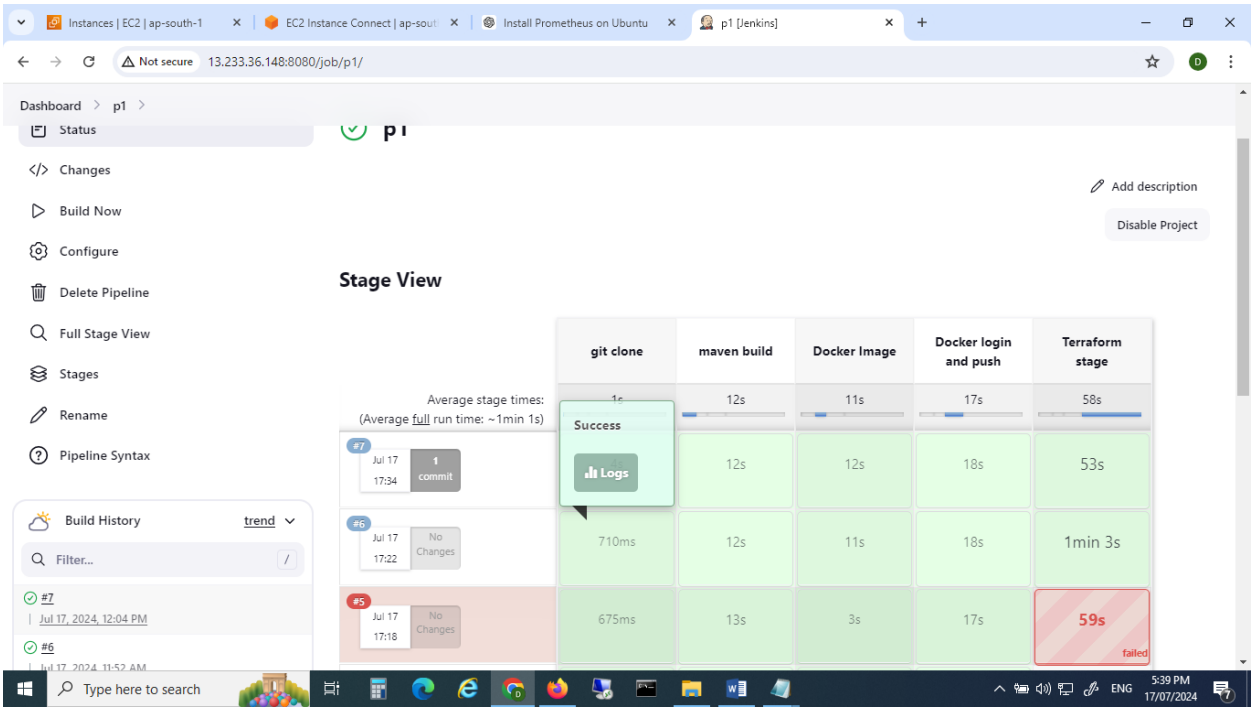
Configure ansible



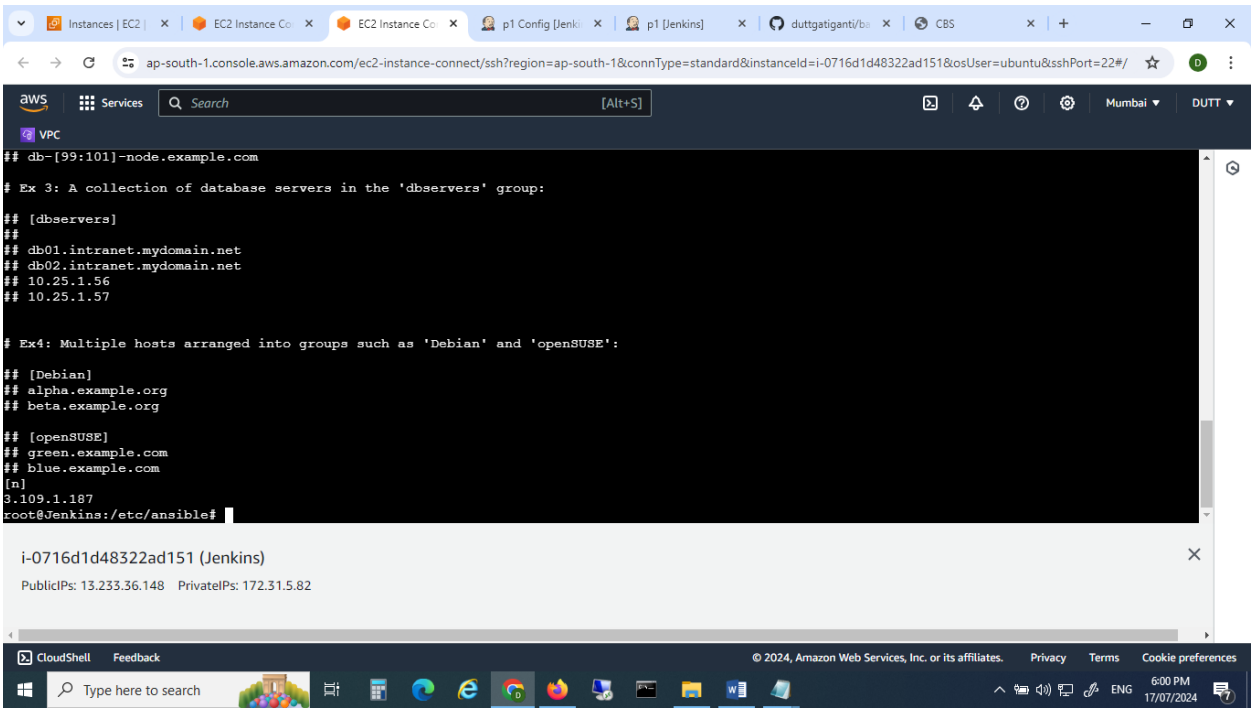
Script for Prod server

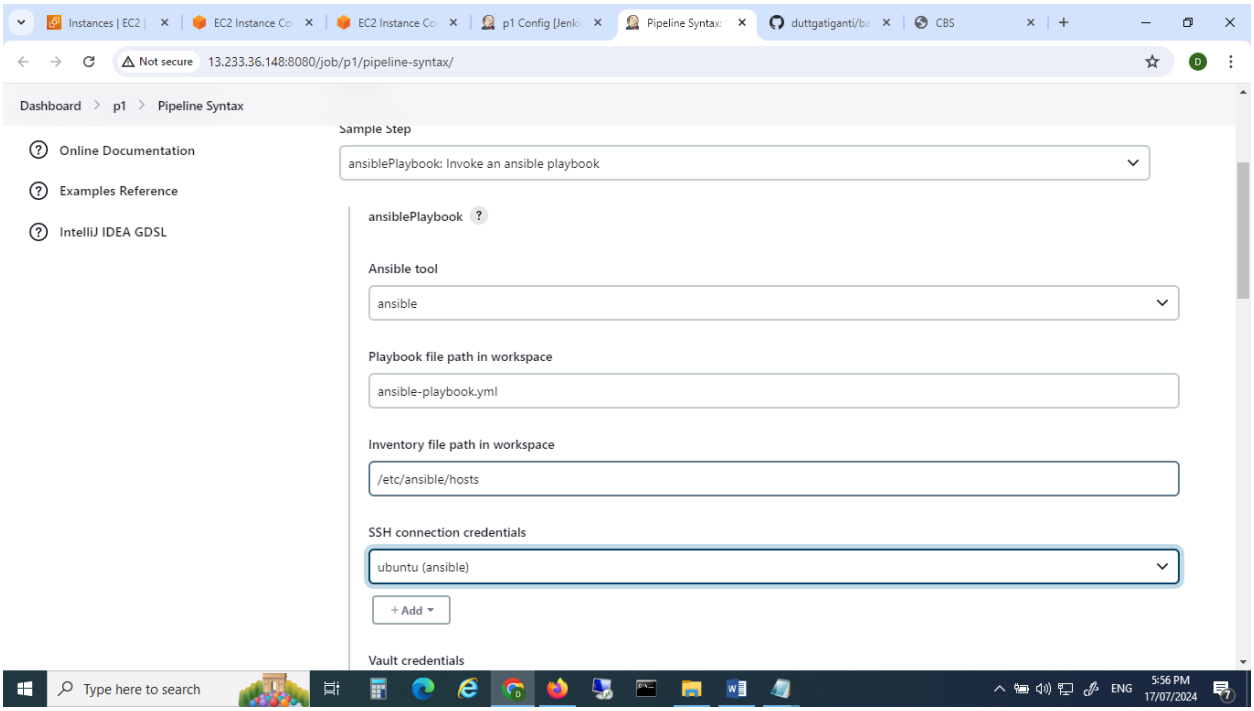


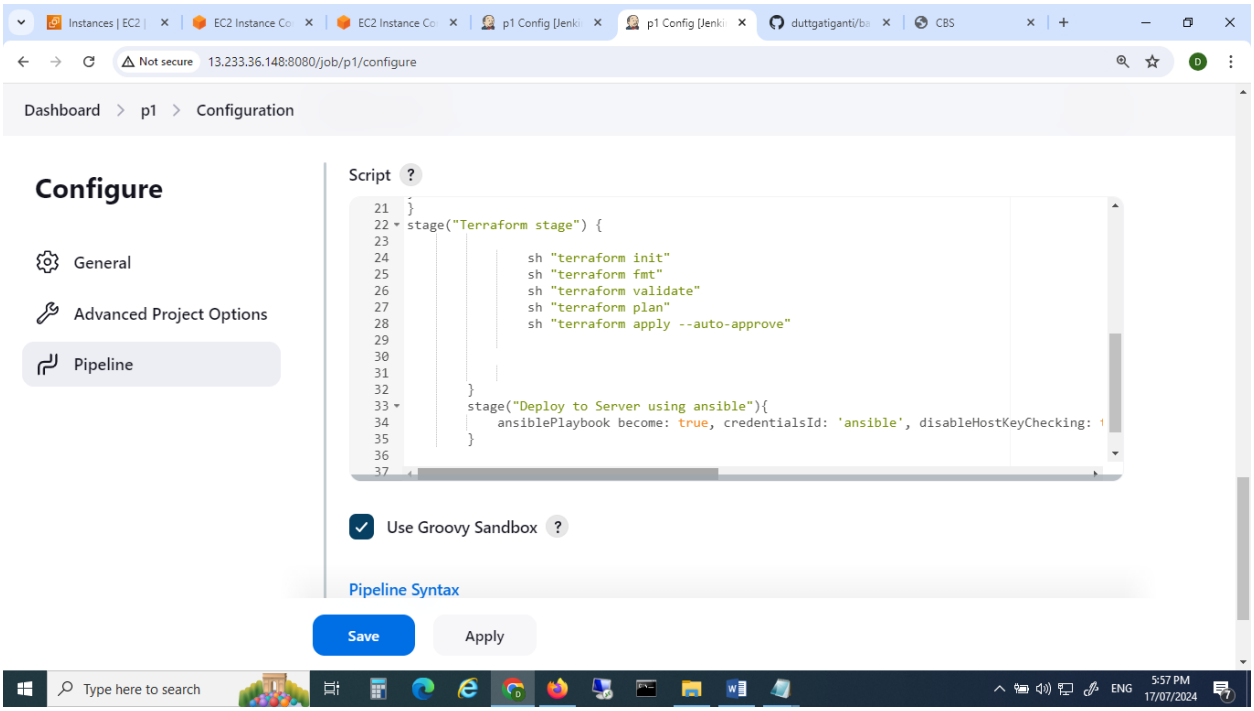
Terraform apply success



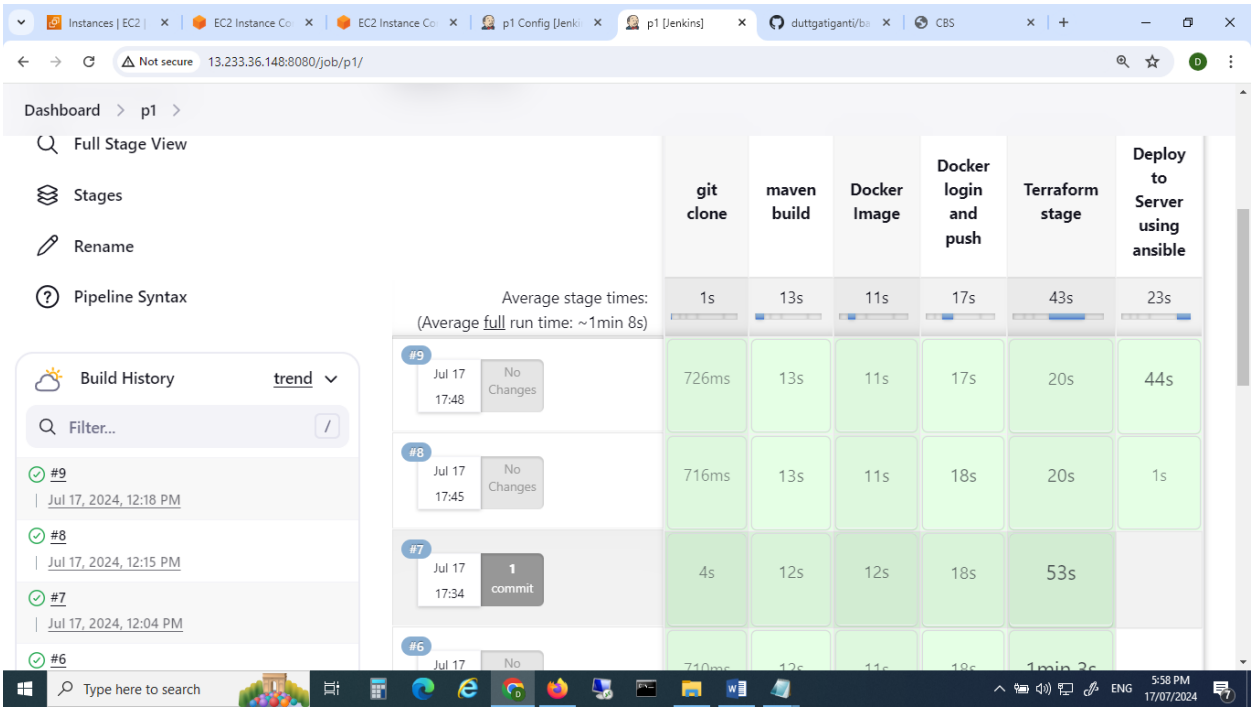
Configure ansible credientials,hosts with ssh keys



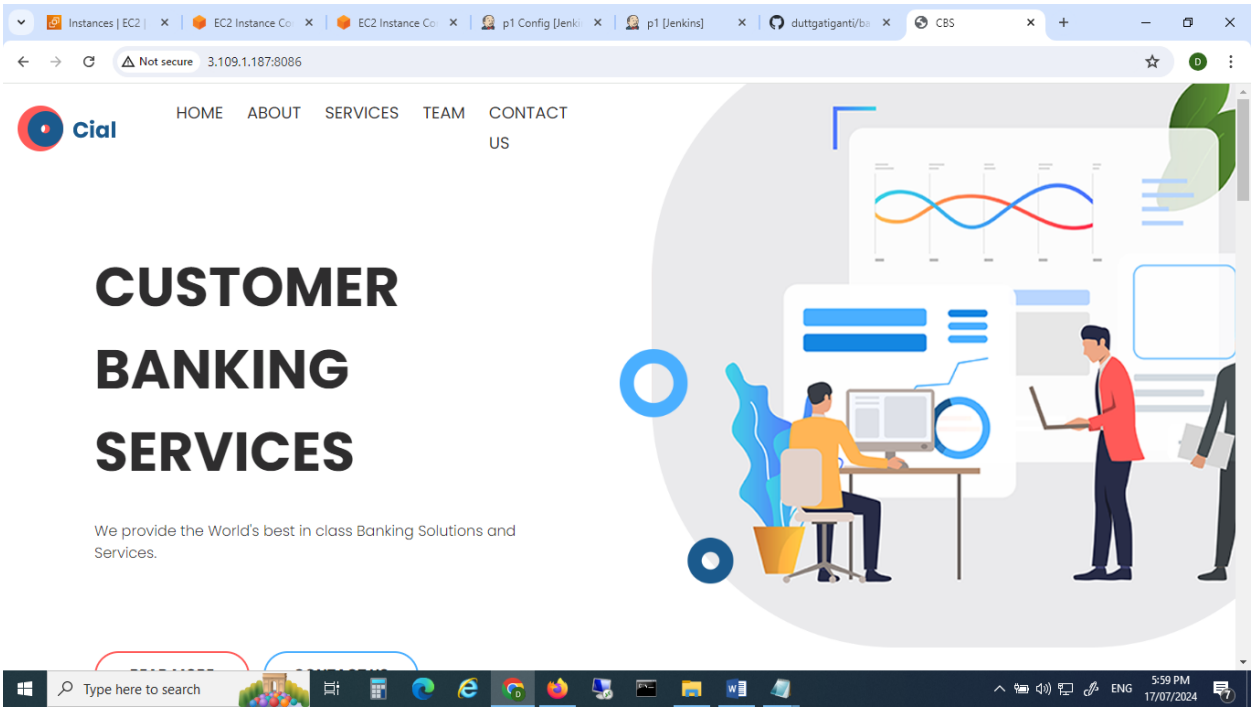

Not secure 13.233.36.148:8080/job/p1/pipeline-syntax/
Dashboard > p1 > Pipeline Syntax
Online Documentation
Examples Reference
IntelliJ IDEA GDSL
Sample Step
ansiblePlaybook: Invoke an ansible playbook
ansiblePlaybook
Ansible tool
ansible
Playbook file path in workspace
ansible-playbook.yml
Inventory file path in workspace
/etc/ansible/hosts
SSH connection credentials
ubuntu (ansible)
+ Add
Vault credentials
Type here to search
ENG
5:56 PM
17/07/2024


Not secure 13.233.36.148:8080/job/p1/configure
Dashboard > p1 > Configuration
Configure
General
Advanced Project Options
Pipeline
Script
}
stage("Terraform stage") {
sh "terraform init"
sh "terraform fmt"
sh "terraform validate"
sh "terraform plan"
sh "terraform apply --auto-approve"
}
stage("Deploy to Server using ansible"){
ansiblePlaybook become: true, credentialsId: 'ansible', disableHostKeyChecking:
}
Use Groovy Sandbox
Pipeline Syntax
Save
Apply
Type here to search
ENG
5:57 PM
17/07/2024

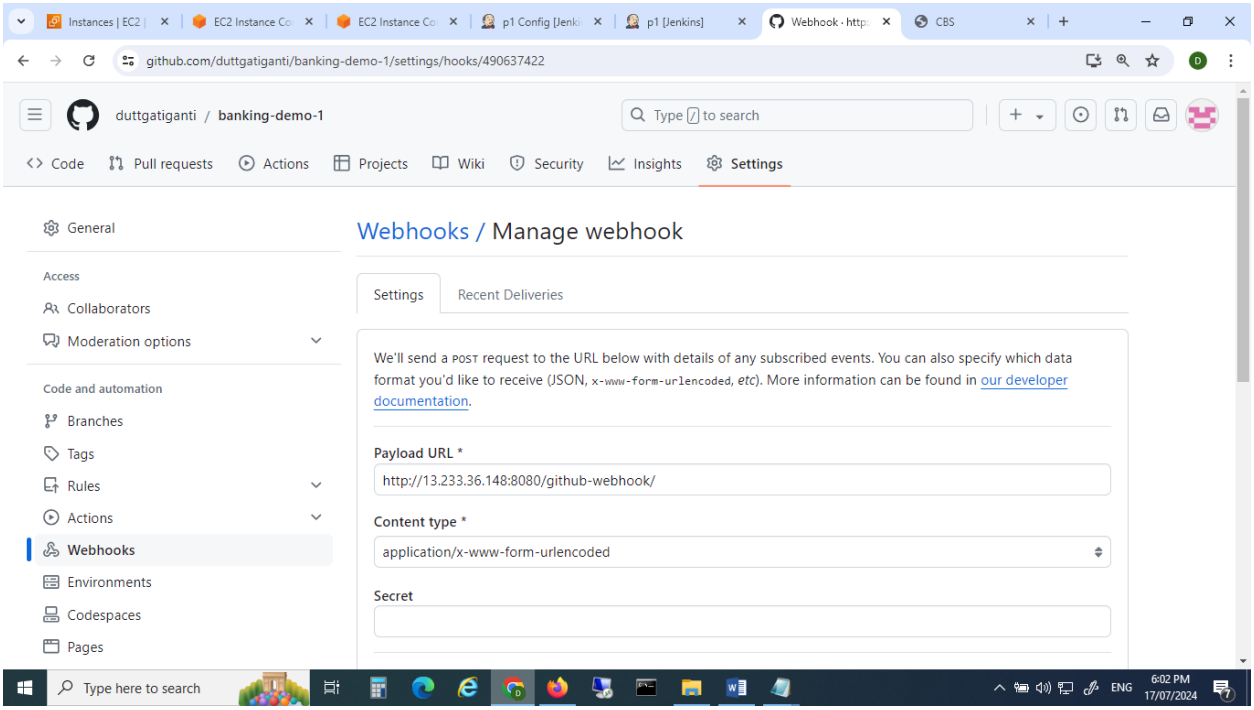
Ansible stage success

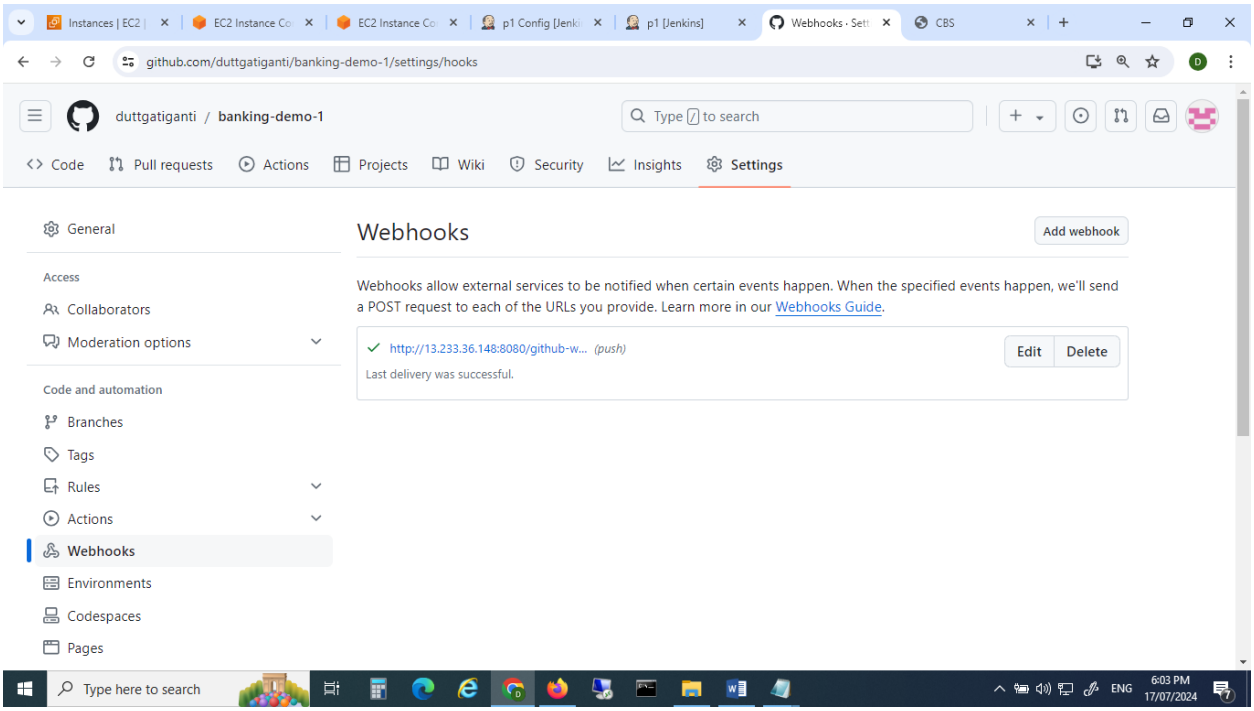


Successfully deployed



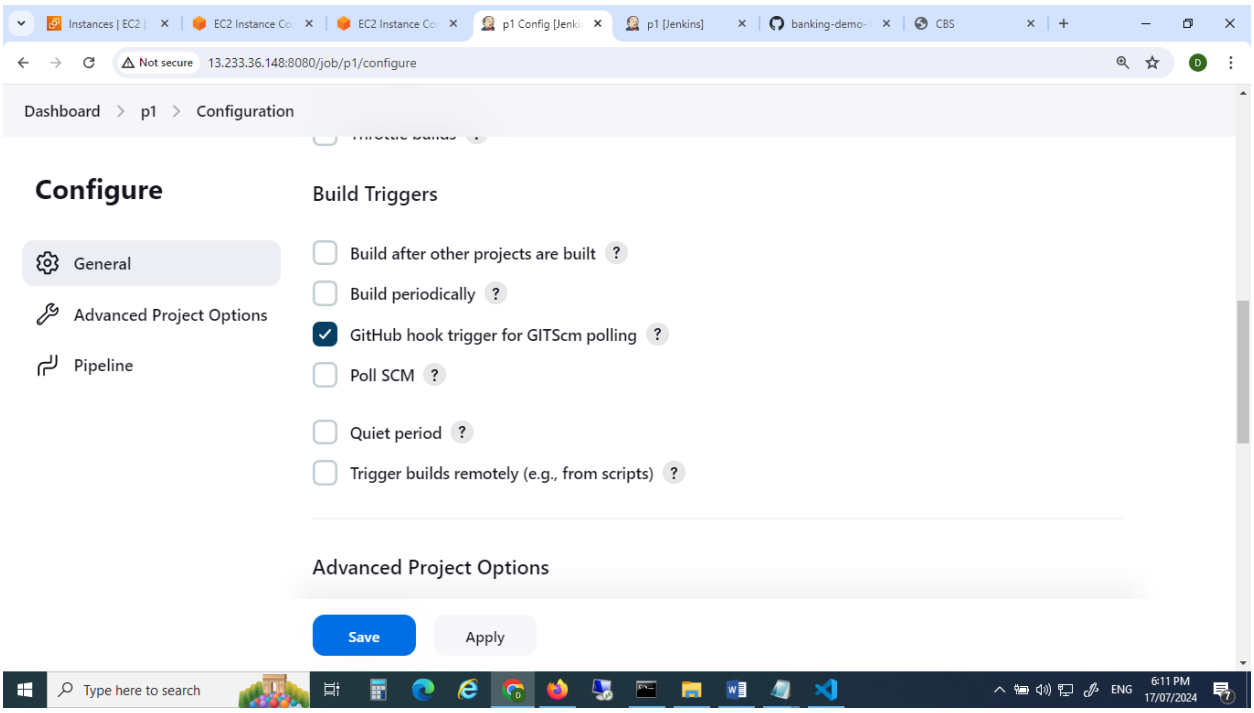
Github-webhook configuration



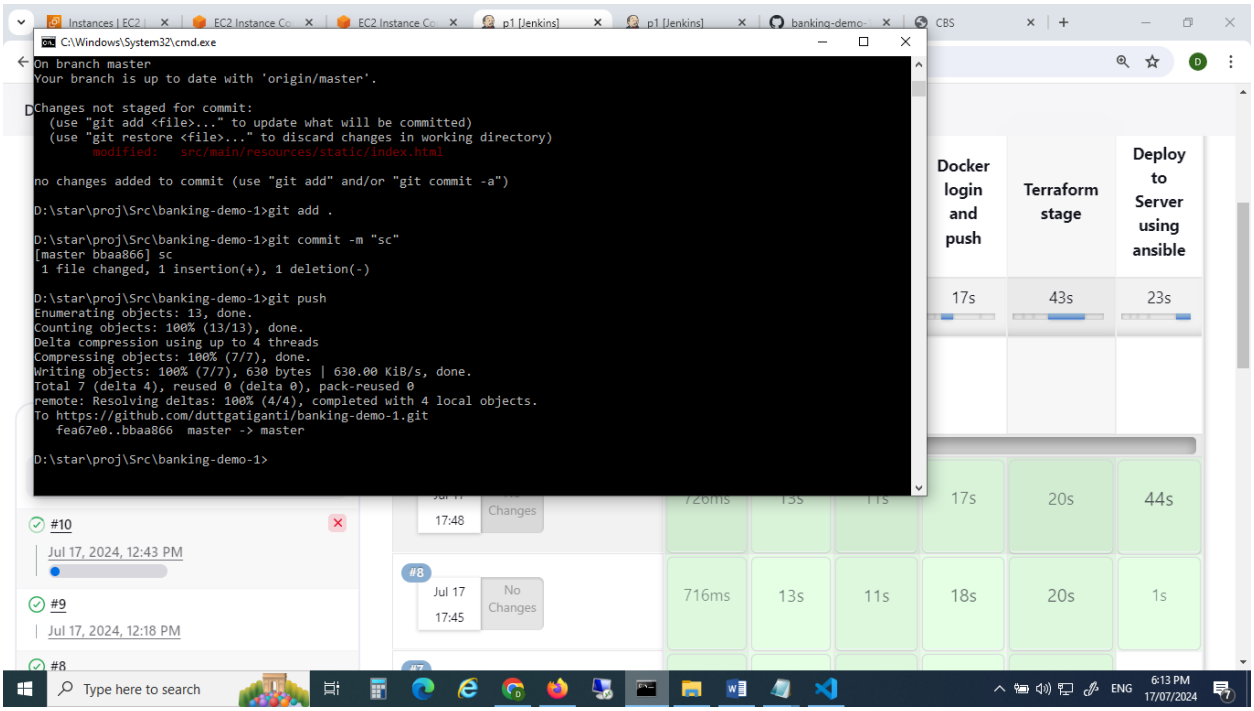


Sir if I configure web-hook at initial Jenkins is triggering for every troubleshooting change.

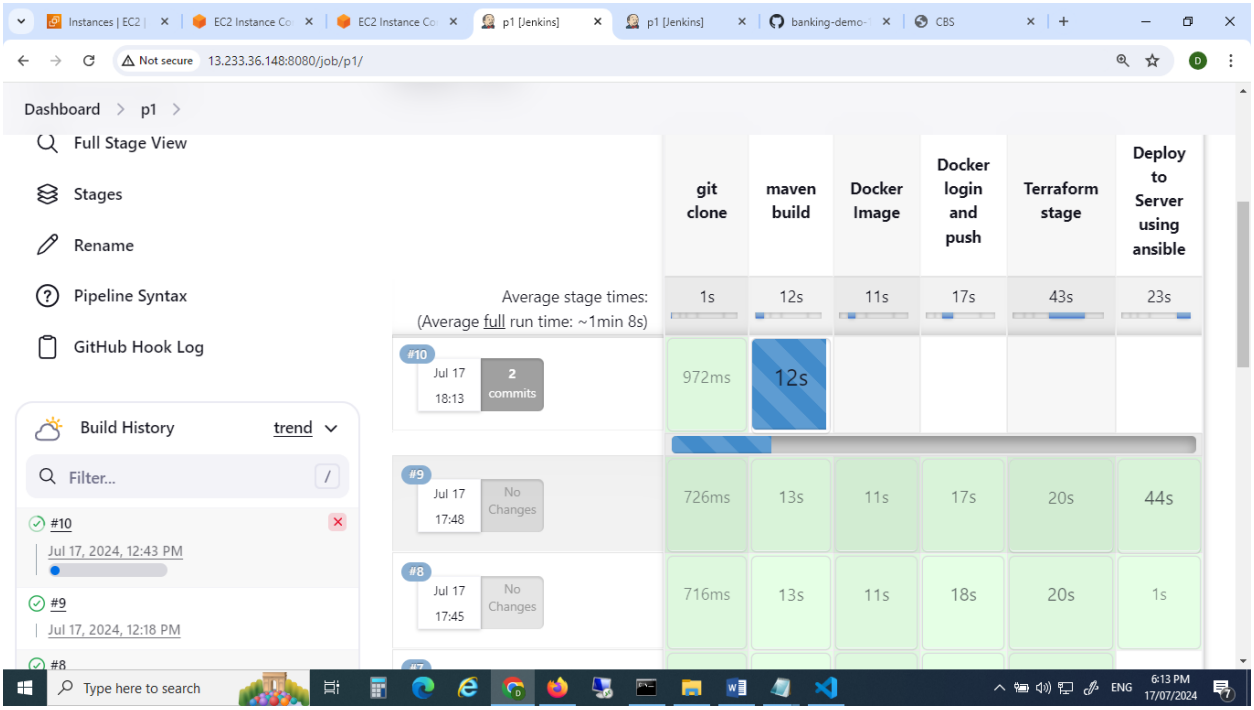
So I configured web hook at last



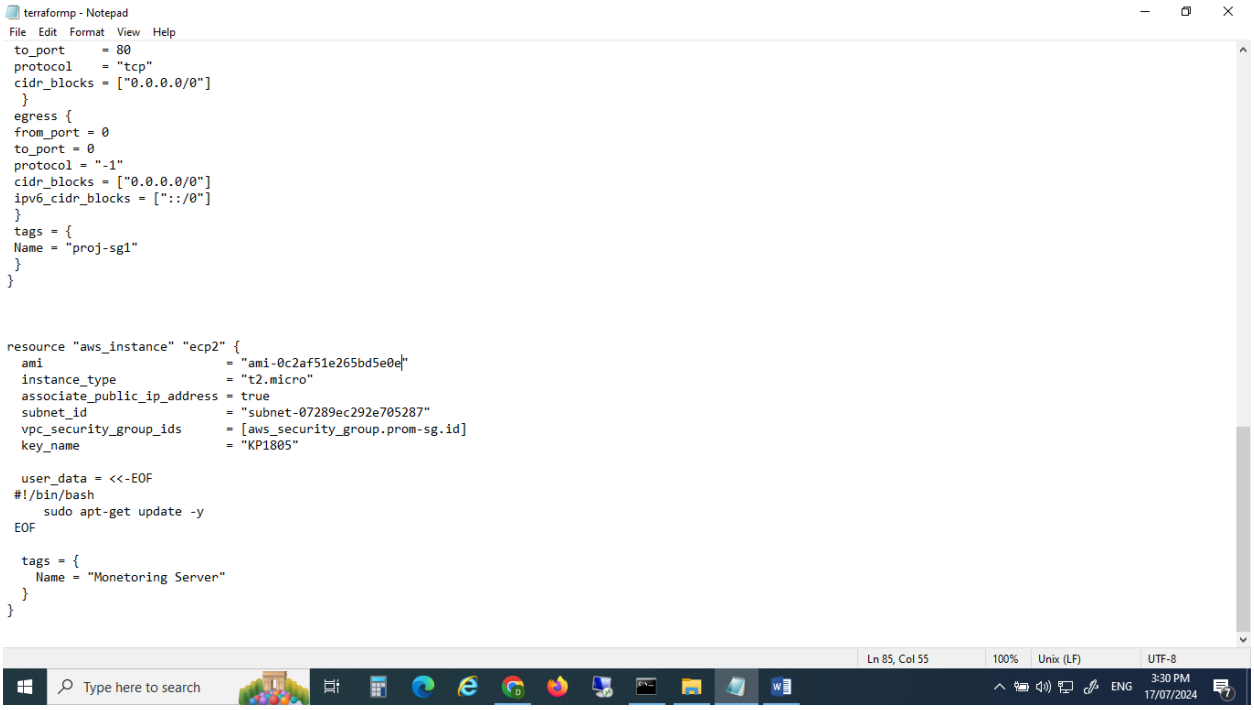
Changes pushed

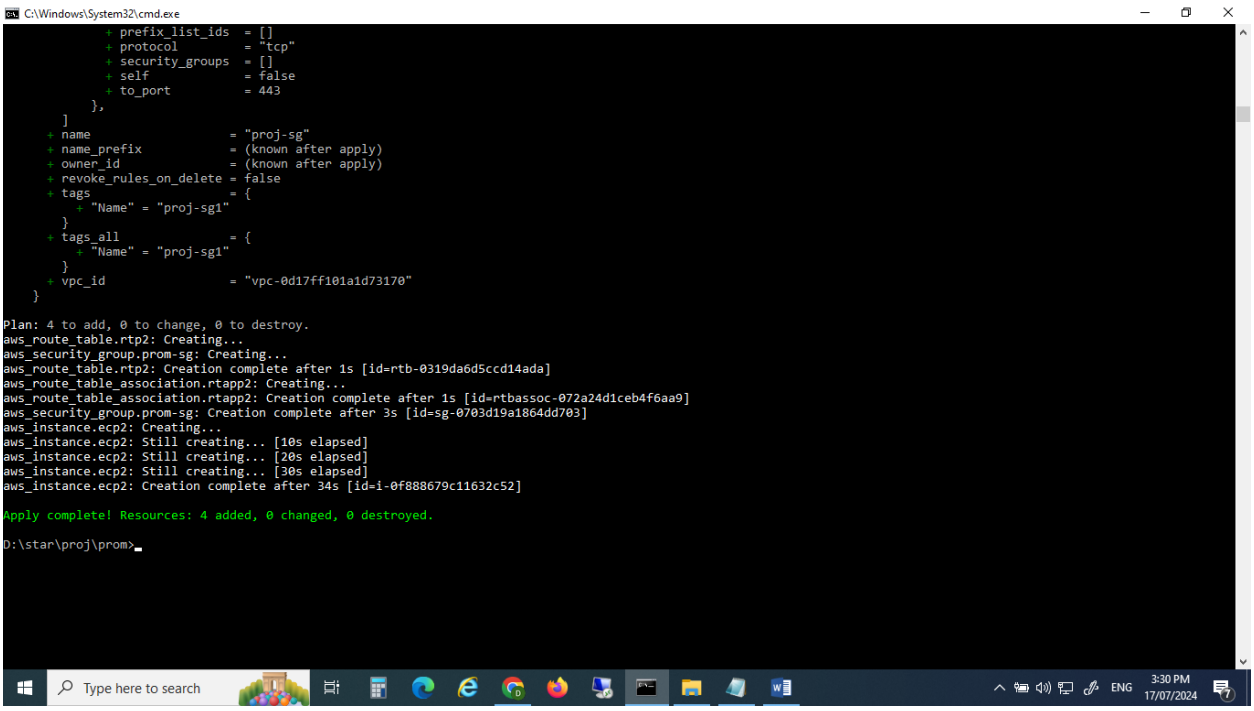


Triggered automatically

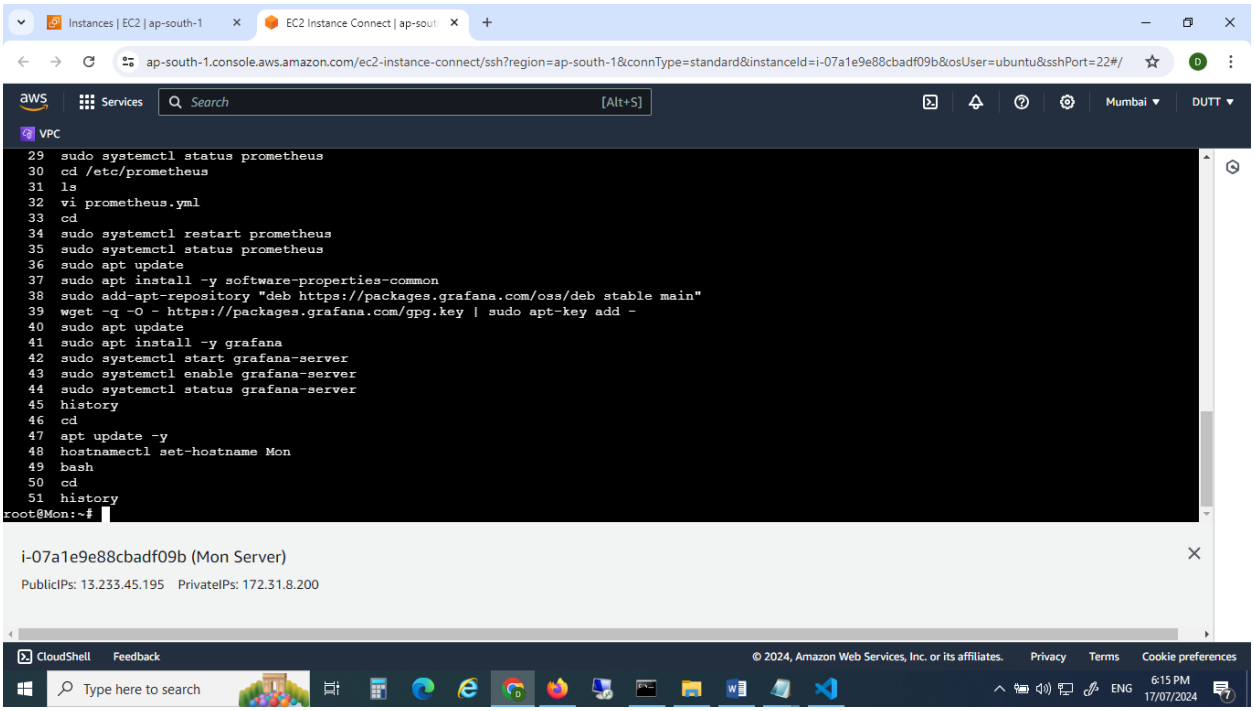


Created Monetoring server

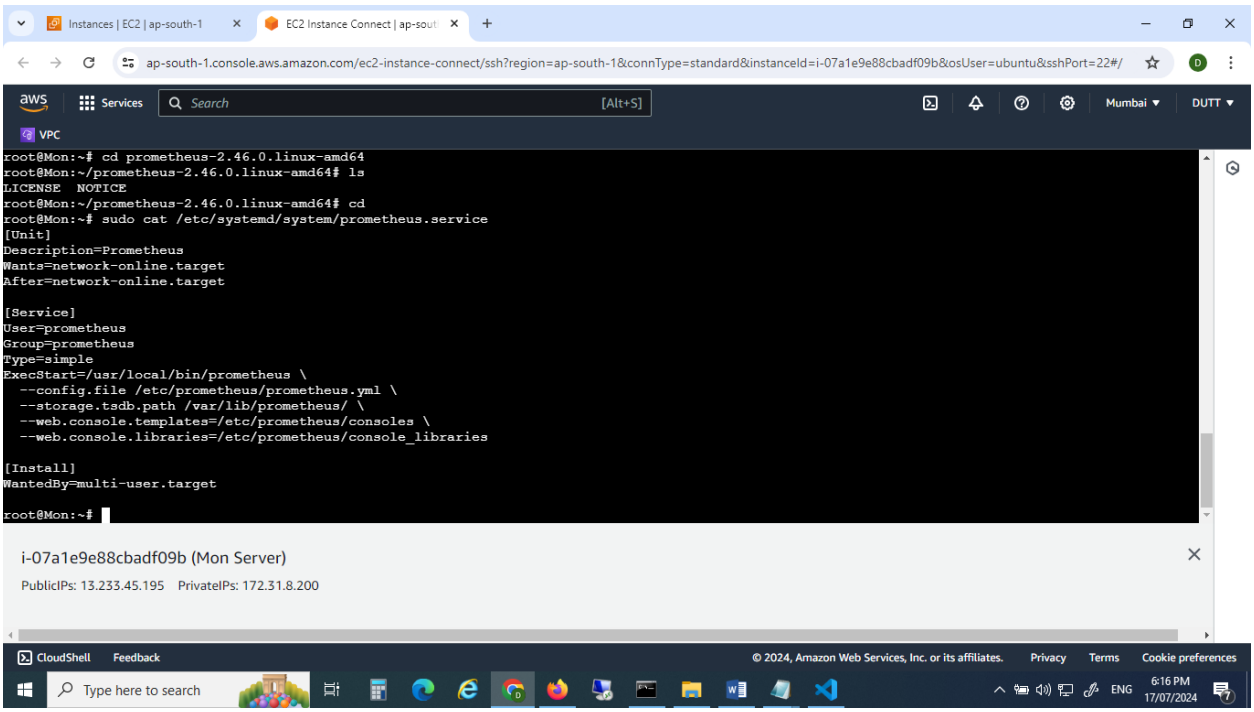




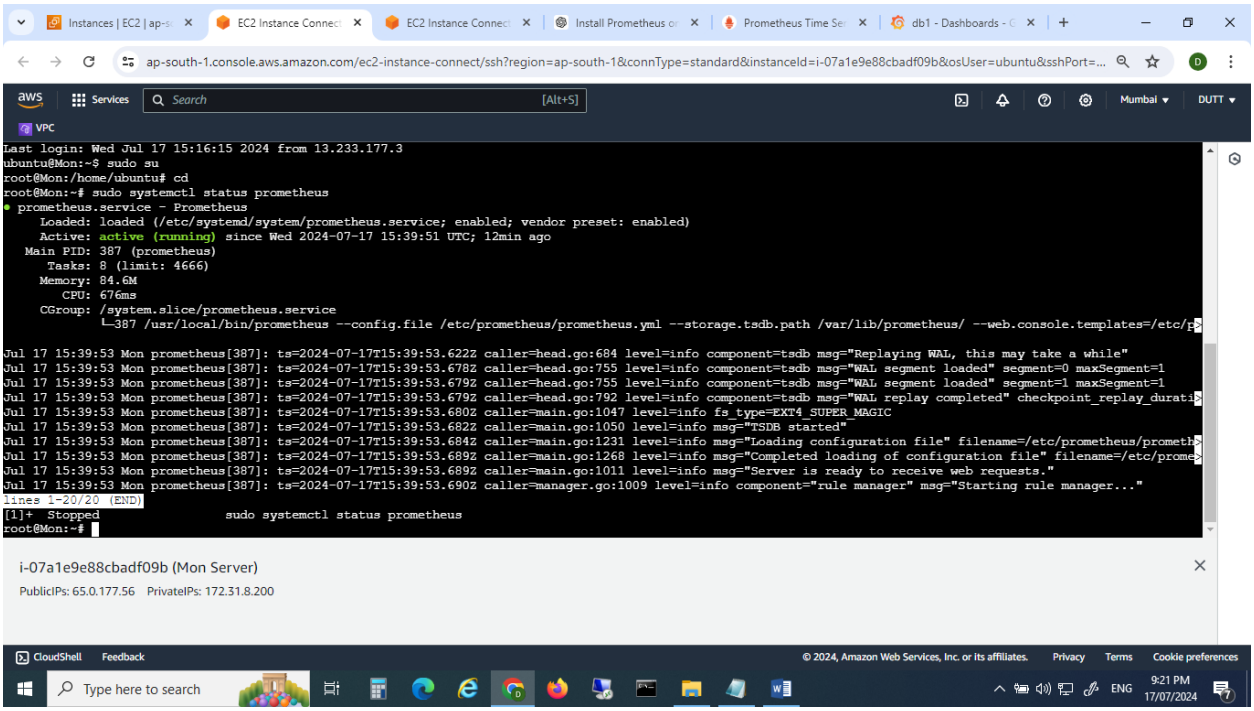
Commands executed for installing Prometheus



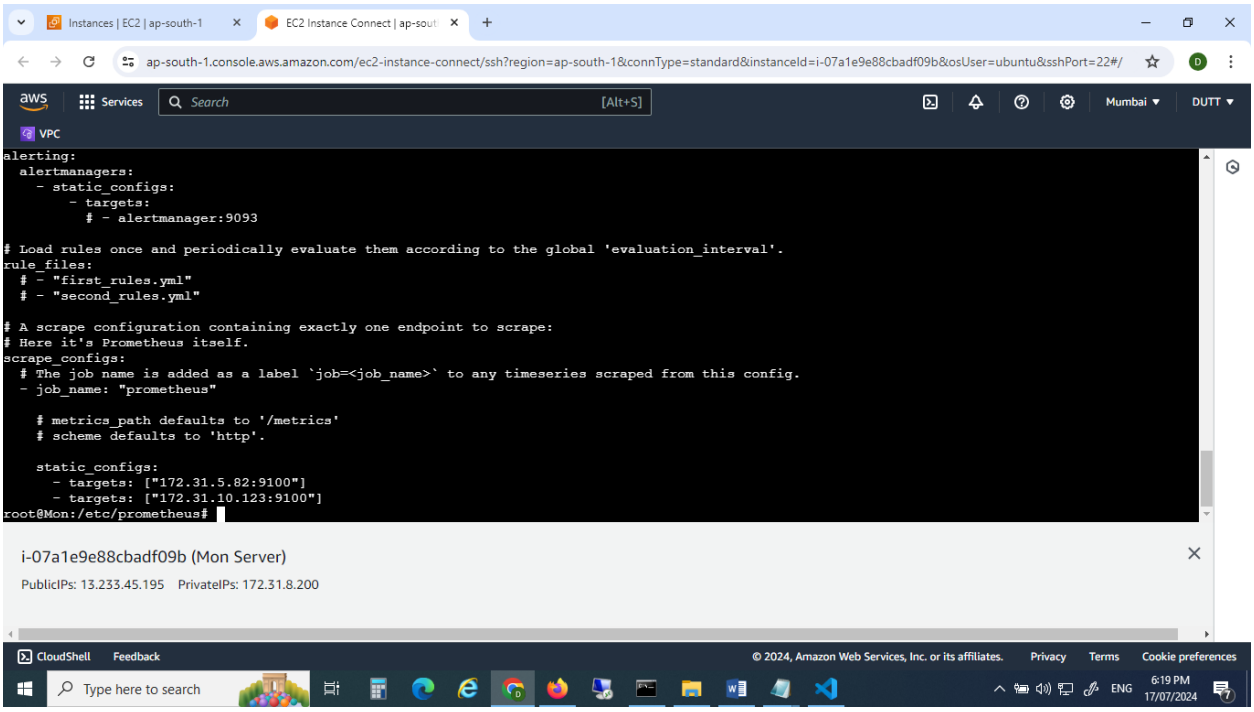
Prometheus service configured



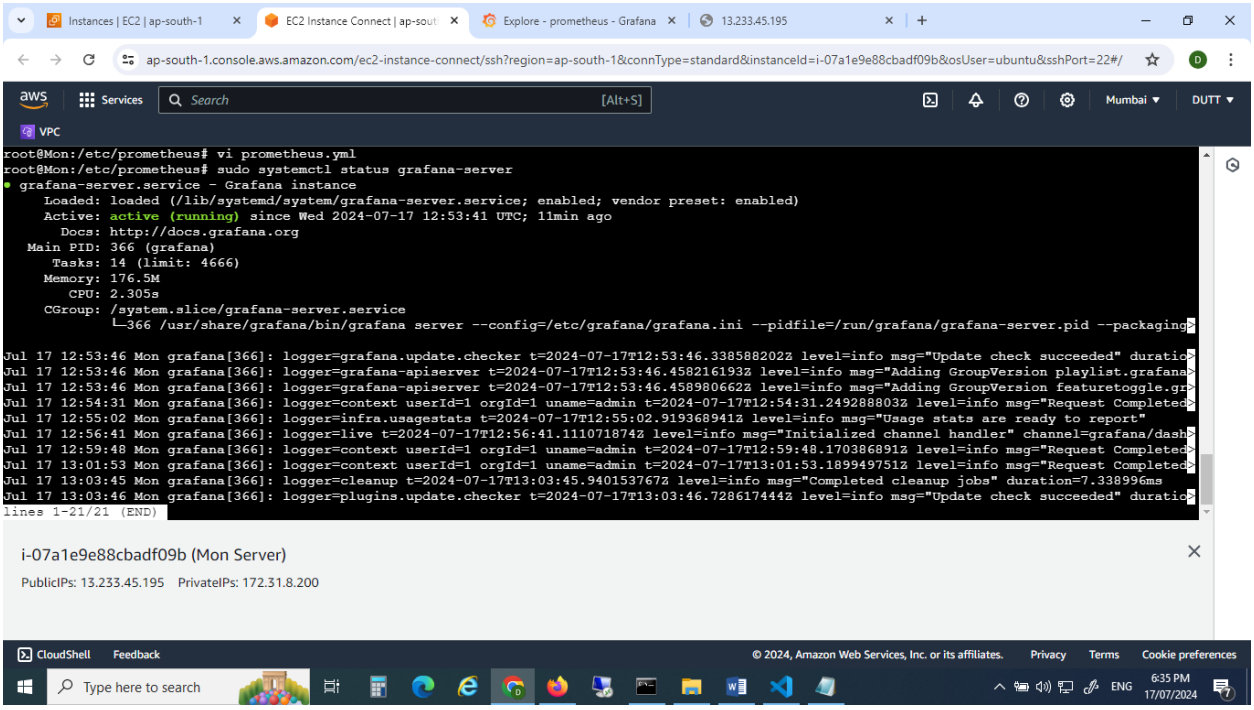
Prometheus status



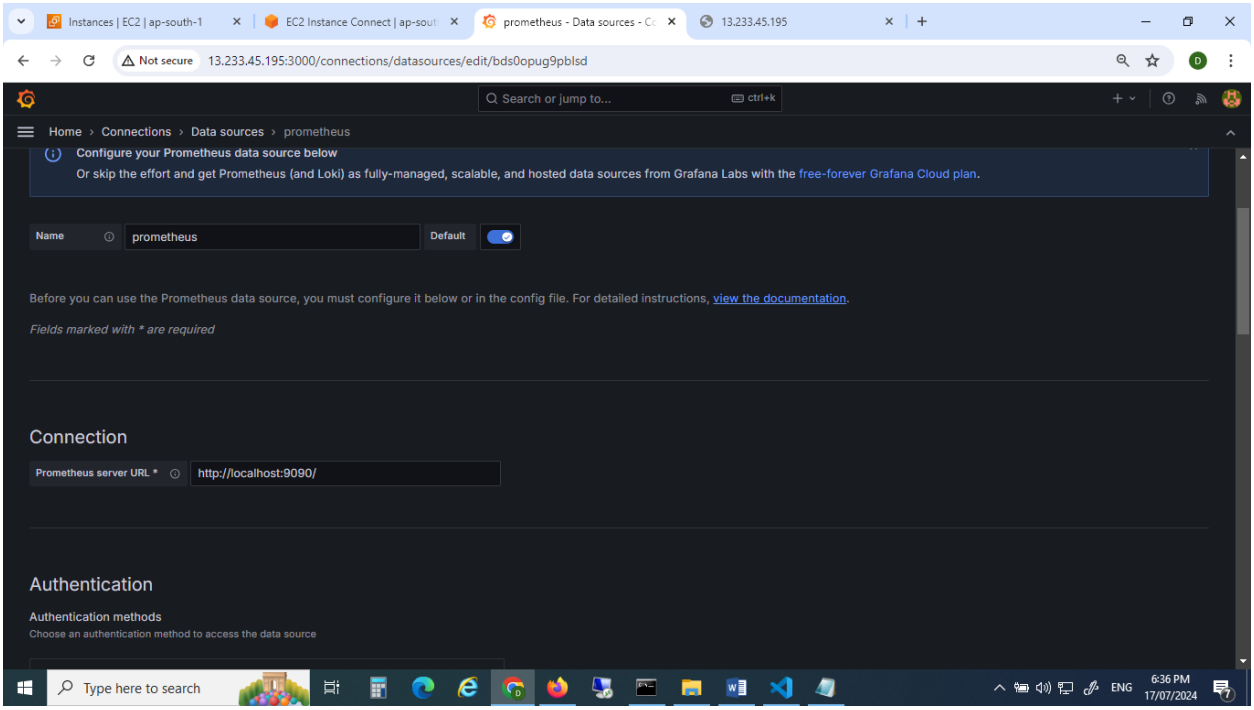
Hosts added in monitoring server



Grafana configured

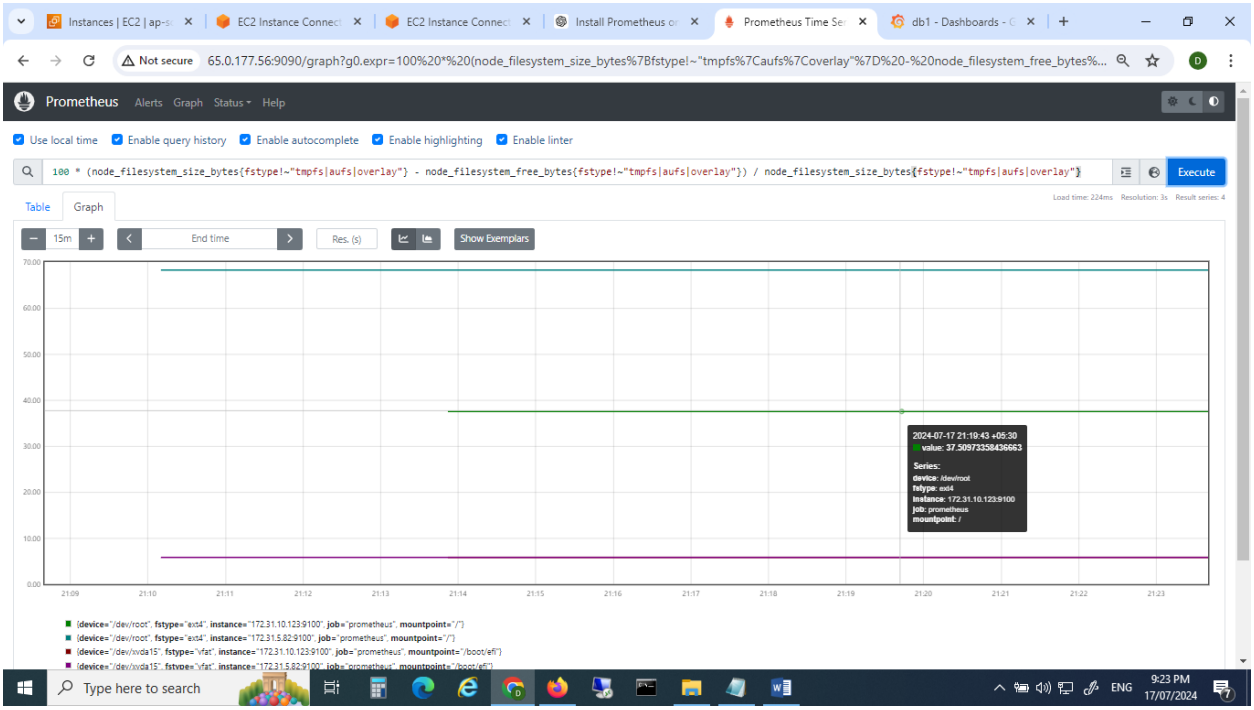


Added Data source t grafana

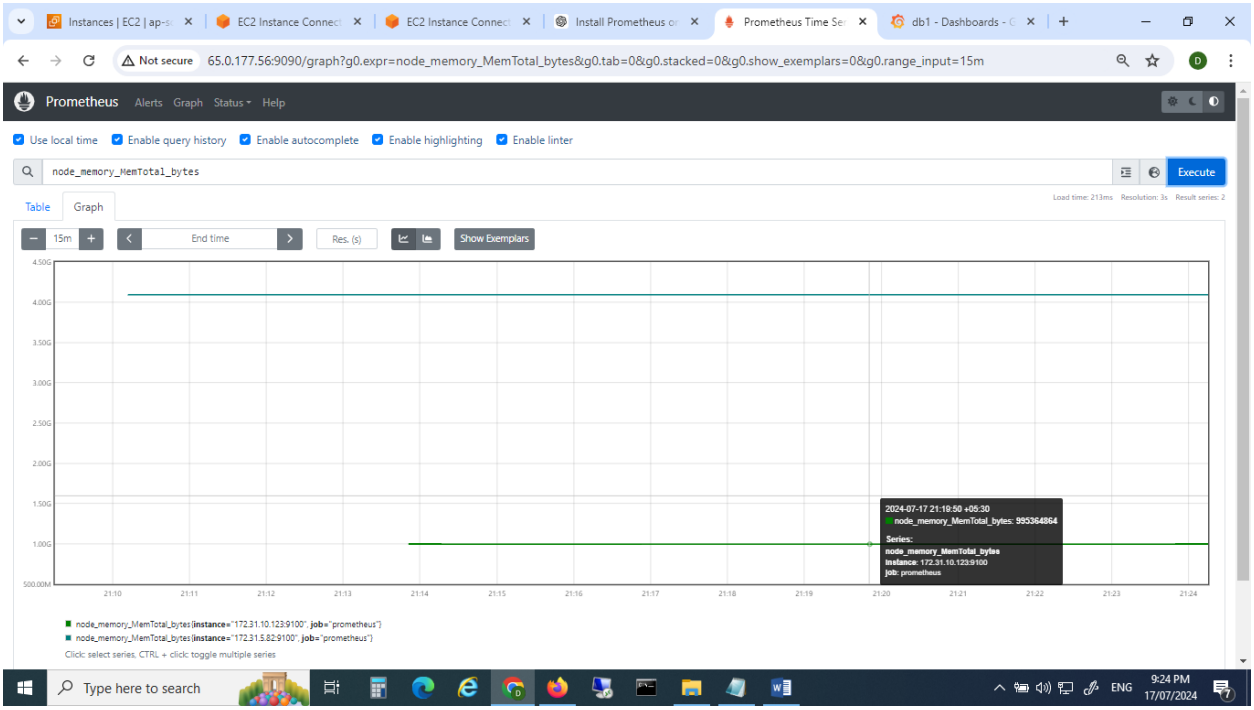


CPU utilization from Prometheus

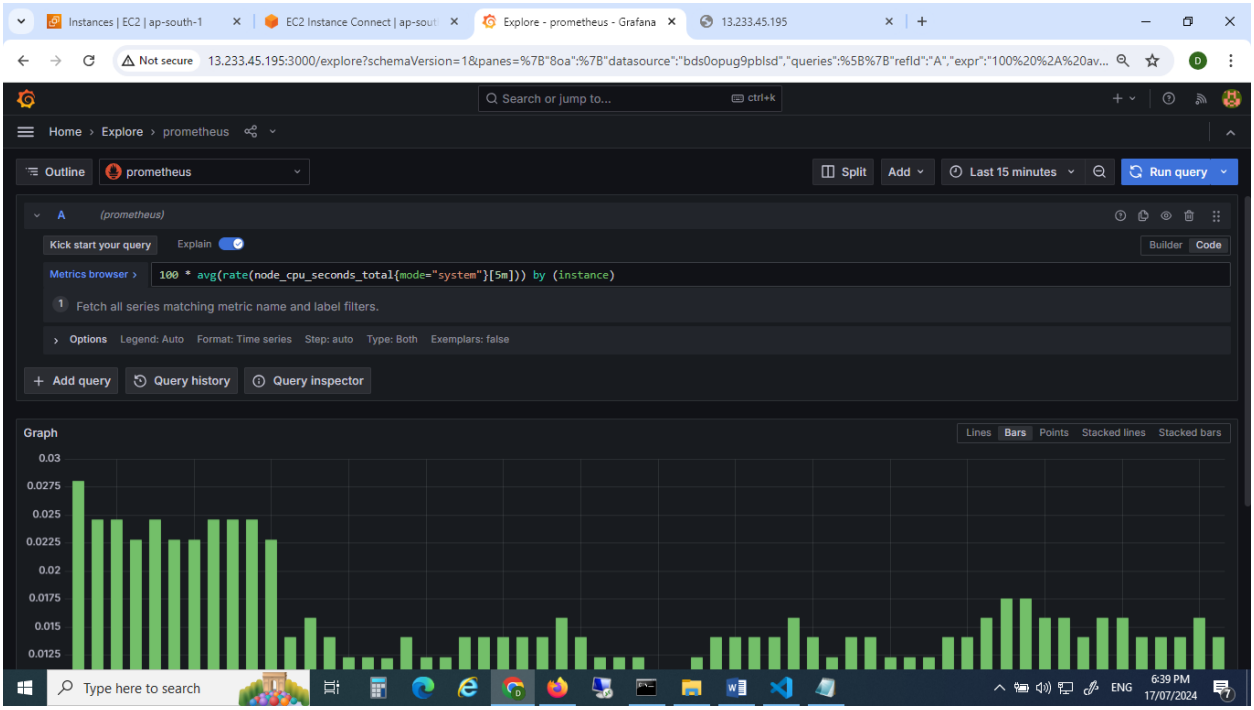
Disk Space Utilization



Total Available Memory



View of data in grafana



Added Dash board to grafana