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**Certification Project – Finance Me Banking
and Finance Domain**

Submission 1st time

Screenshot of the AWS IAM console showing the Multi-factor authentication (MFA) section. It lists one virtual MFA device.

Type	Identifier	Certifications	Created on
Virtual	arn:aws:iam::730335662502:mfa/Authapp	Not Applicable	Fri Nov 01 2024

The Access keys section shows one active access key:

Access key ID	Created on	Access key last used	Region last used	Service last used	Status
[REDACTED]	Now	None	N/A	N/A	Active

The CloudFront key pairs section shows no key pairs.

Creation time	CloudFront key ID	Status
No CloudFront key pairs		

CloudShell and Feedback buttons are visible at the bottom.

Screenshot of the Visual Studio Code editor showing a Terraform configuration file (aws-instance-creation.tf) for creating an AWS instance.

```
provider "aws" {
  region = "us-east-1"
  access_key =
  secret_key =

# Create VPC

resource "aws_vpc" "myvpc9" {
  cidr_block      = "10.0.0.0/16"
  instance_tenancy = "default"

  tags = [
    Name = "myvpc9"
  ]
}

# Create Subnet

resource "aws_subnet" "mysubnet9" {
  vpc_id       = aws_vpc.myvpc9.id
  cidr_block   = "10.0.1.0/24"

  tags = [
    Name = "mysubnet9"
  ]
}

# Internet Gateway
```

The terminal tab shows the output of the terraform init command:

```
Initializing the backend...
Initializing provider plugins...
- Finding latest version of hashicorp/aws...
- Installing hashicorp/aws v5.75.1...
```

CloudShell and Feedback buttons are visible at the bottom.

A screenshot of the Visual Studio Code interface. The main area shows a code editor with a Terraform script named `aws-instance-creation.tf`. The script creates an AWS security group (`mysg9`) with a specific name and tags, and then creates an AWS instance (`instance9`) using this security group. The code is as follows:

```
resource "aws_security_group" "mysg9" {
  tags = {
    Name = "mysg9"
  }
}

# Create Instance

resource "aws_instance" "instance9" {
  ami           = "ami-0866a3c8686eaeeba"
  instance_type = "t2.micro"
  associate_public_ip_address = true
  subnet_id     = aws_subnet.mysubnet9.id
  vpc_security_group_ids = [aws_security_group.mysg9.id]
  key_name      = "ppp"

  tags = {
    Name = "dummy_Server0"
  }
}
```

The interface includes a sidebar with project navigation, a bottom status bar showing the file path as `C:\Users\user\naveen\main\aws-instance-creation.tf`, and a terminal tab at the bottom.

A screenshot of the Visual Studio Code interface, similar to the first one but showing the results of running the `terraform init` command. The terminal tab now displays the output of the initialization process, which includes messages about initializing the backend and provider plugins, and a confirmation message: **Terraform has been successfully initialized!**. The status bar at the bottom still shows the file path `C:\Users\user\naveen\main\aws-instance-creation.tf`.

The screenshot shows the Visual Studio Code interface with the Terraform extension installed. The left sidebar has an 'EXPLORER' view showing a file tree with 'aws-instance-creation.tf' selected. The main editor area displays Terraform code for creating an AWS instance. The bottom status bar shows the file path 'C:\Users\user\naveen>' and the current date and time '11/13/2024'. The bottom right corner shows the weather as '22°C Mostly cloudy'.

```
aws_instance-creation.tf
64 resource "aws_security_group" "mysg9" {
65   tags = {
66   }
67 }
68 # Create Instance
69
70 resource "aws_instance" "instance9" {
71   ami           = "ami-0866a3c8686eaeeba"
72   instance_type = "t2.micro"
73   associate_public_ip_address = true
74   subnet_id    = aws_subnet.mvssubnet9.id
75
76   + tags
77     + "Name" = "myvpc9"
78   }
79   + tags_all
80     + "Name" = "myvpc9"
81   }
82 }
```

Plan: 7 to add, 0 to change, 0 to destroy.

Note: You didn't use the -out option to save this plan, so Terraform can't guarantee to take exactly these actions if you run "terraform apply" now.
PS C:\Users\user\naveen>

The screenshot shows the Visual Studio Code interface with the Terraform extension installed. The left sidebar has an 'EXPLORER' view showing a file tree with 'aws-instance-creation.tf' selected. The main editor area displays Terraform code for creating an AWS instance. A modal dialog box is open, asking 'Do you want to perform these actions? Terraform will perform the actions described above. Only 'yes' will be accepted to approve.' Below the dialog, the terminal output shows the creation of various AWS resources. The bottom status bar shows the file path 'C:\Users\user\naveen>' and the current date and time '11/13/2024'. The bottom right corner shows the weather as '22°C Mostly cloudy'.

```
aws_vpc.myvpc9: Creating...
aws_vpc.myvpc9: Creation complete after 5s [id=vpc-059584ca6813f1cea]
aws_internet_gateway.myigw9: Creating...
aws_subnet.mvssubnet9: Creating...
aws_security_group.mysg9: Creating...
aws_internet_gateway.myigw9: Creation complete after 2s [id=igw-0d1df9ed0e1632af7]
aws_route_table.myrt9: Creating...
aws_subnet.mvssubnet9: Creation complete after 3s [id=subnet-08cfa7771a9545e71]
aws_route_table.myrt9: Creation complete after 3s [id=rtb-07cf0141a66237a1]
aws_route_table_association.myrta9: Creating...
aws_security_group.mysg9: Creation complete after 6s [id=sg-01a227b519d293042]
aws_instance.instance9: Creating...
aws_route_table_association.myrta9: Creation complete after 1s [id=rtaassoc-0816d29075e064e9f]
aws_instance.instance9: Still creating... [10s elapsed]
aws_instance.instance9: Creation complete after 15s [id=i-00c49bb5ea40f9ddf]
```

Do you want to perform these actions?
Terraform will perform the actions described above.
Only 'yes' will be accepted to approve.

Enter a value: yes

Apply complete! Resources: 7 added, 0 changed, 0 destroyed.
PS C:\Users\user\naveen>

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows a folder named "NAVEEN" containing ".terraform", ".terraform.lock.hcl", ".terraform.tfstate", ".terraform.state", and "aws-instance-creation.tf".
- Editor:** Displays the content of "aws-instance-creation.tf". The code defines an AWS security group "mysg9" with two tags and an AWS instance "instance9" with specific configurations like AMI, instance type, and subnet.
- Terminal:** Shows the command "Apply complete! Resources: 7 added, 0 changed, 0 destroyed." followed by the path "PS C:\Users\user\naveen>".
- Bottom Status Bar:** Includes icons for search, file operations, and system status (22°C, Mostly cloudy, ENG, IN, 11/13/2024).

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows a folder named "NAVEEN" containing ".terraform", ".terraform.lock.hcl", ".terraform.tfstate", ".terraform.state", and "aws-instance-creation.tf".
- Editor:** Displays the content of "aws-instance-creation.tf". The code defines an AWS security group "mysg9" with two tags and an AWS instance "instance9" with specific configurations like AMI, instance type, and subnet.
- Terminal:** Shows the command "If you ever set or change modules or backend configuration for Terraform, run this command to reinitialize your working directory. If you forget, other commands will detect it and remind you to do so if necessary." followed by "PS C:\Users\user\naveen> terraform plan". The output lists resources being refreshed: "aws_vpc.myvpc9: Refreshing state... [id=vpc-059584ca6813f1cea]", "aws_internet_gateway.myigw9: Refreshing state... [id=igw-0d1df9ed0e1632af7]", "aws_subnet.mysubnet9: Refreshing state... [id=subnet-08cf771a9545e71]", and "aws_security_group.mysg9: Refreshing state... [id=sg-01a227b519d293042]".
- Bottom Status Bar:** Includes icons for search, file operations, and system status (22°C, Mostly cloudy, ENG, IN, 11/13/2024).

The screenshot shows the Visual Studio Code interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, Terminal, Help.
- Search Bar:** naveen
- Explorer:** Shows an open file named "aws-instance-creation.tf" with 1 unsaved change. The file contains Terraform code for creating two instances:

```
resource "aws_instance" "instance9" {
  ami           = "ami-0866a3c8686eaeba"
  instance_type = "t2.micro"
  count         = 2
}
```

- Terminal:** Shows the output of the "terraform apply" command:

```
aws_instance.instance9: Creating...
aws_instance.instance9: Still creating... [10s elapsed]
aws_instance.instance9: Still creating... [20s elapsed]
aws_instance.instance9: Still creating... [30s elapsed]
aws_instance.instance9: Creation complete after 37s [id=i-0196aeda7bdc1f407]

Apply complete! Resources: 1 added, 0 changed, 0 destroyed.
PS C:\Users\user\naveen>
```
- Status Bar:** Ln 103, Col 6, Spaces: 4, UTF-8, CRLF, Terraform.
- System Bar:** 22°C Mostly cloudy, ENG 11:41 PM IN 11/13/2024.

The screenshot shows the AWS EC2 Instances page with the following details:

- Left Navigation:** Dashboard, EC2 Global View, Events, Instances (selected), Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity, Reservations (New).
- Instances Table:** Displays two instances:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
jebks_docker	i-035275d3bd845a824	Running	t3.medium	-	View alarms +	us-east-1b	ec2-18-201-
Grafana-monit...	i-04ec5bff725820a5f	Running	t3.medium	-	View alarms +	us-east-1b	ec2-54-80-
- Monitoring Section:** Shows CPU utilization (%), Network in (bytes), Network out (bytes), and Network packets in (count) metrics over the last hour.
- Bottom Status Bar:** © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences.

```
root@ip-172-31-39-152:~# jenkins --version
2.479.1
root@ip-172-31-39-152:~# git --version
git version 2.43.0
root@ip-172-31-39-152:~# mvn --version
Apache Maven 3.8.7
Maven home: /usr/share/maven
Java version: 17.0.13, vendor: Ubuntu, runtime: /usr/lib/jvm/java-17-openjdk-amd64
Default locale: en, platform encoding: UTF-8
OS name: "linux", version: "6.8.0-1016-aws", arch: "amd64", family: "unix"
root@ip-172-31-39-152:~# java --version
openjdk 17.0.13 2024-10-15
OpenJDK Runtime Environment (build 17.0.13+11-Ubuntu-2ubuntu124.04)
OpenJDK 64-Bit Server VM (build 17.0.13+11-Ubuntu-2ubuntu124.04, mixed mode, sharing)
root@ip-172-31-39-152:~#
```

```
root@ip-172-31-39-152:~# docker --version
Docker version 24.0.7, build 24.0.7-0ubuntu4.1
root@ip-172-31-39-152:~#
```

The screenshot shows the Jenkins dashboard. At the top, there are several tabs: EC2 | us-east-1, bankapp-eta-app/ at master · N, Dashboard [Jenkins], bankapp-eta-app/Jenkinsfile at master · N, and Repositories | Docker Hub. The main header includes a Jenkins logo, a search bar with placeholder "Search (CTRL+K)", and a user profile for "Naveen". A "log out" button is also present.

The dashboard features a "New Item" button, a "Build History" link, and a "Project Relationship" link. Below these are sections for "Check File Fingerprint" and "Manage Jenkins". A "My Views" link is also visible.

A central table displays project information:

S	W	Name	Last Success	Last Failure	Last Duration
		project	6 min 38 sec #8	12 min #7	43 sec

Below the table are two collapsed sections: "Build Queue" (No builds in the queue) and "Build Executor Status" (0/2).

The bottom right corner shows "REST API" and "Jenkins 2.479.1". The taskbar at the bottom of the browser window shows various pinned icons and the system status: 22°C Partly cloudy, ENG IN 3:59 AM 11/13/2024.

The screenshot shows the Jenkins Credentials management page. The top navigation bar includes tabs for EC2 | us-east-1, bankapp-eta-app/ at master · N, Jenkins » Credentials [Jenkins], bankapp-eta-app/Jenkinsfile at master · N, and Repositories | Docker Hub. The main header includes a Jenkins logo, a search bar with placeholder "Search (CTRL+K)", and a user profile for "Naveen". A "log out" button is also present.

The page title is "Credentials". The left sidebar shows "Dashboard > Manage Jenkins > Credentials".

A table lists credentials:

T	P	Store	Domain	ID	Name
		System	(global)	dockerhub-pwd	naveencum98/*****

Below the table is a section titled "Stores scoped to Jenkins":

P	Store	Domains
	System	(global)

The bottom right corner shows "REST API" and "Jenkins 2.479.1". The taskbar at the bottom of the browser window shows various pinned icons and the system status: 22°C Partly cloudy, ENG IN 3:59 AM 11/13/2024.

The screenshot shows the Jenkins Global credentials management interface. A credential named "naveencum98/*****" has been recorded. The usage section indicates it is used in 8 projects. The Jenkins header includes the version "Jenkins 2.479.1".

REST API Jenkins 2.479.1

The screenshot shows the Jenkins Installed plugins page. The Docker plugin is listed as installed and up for adoption. The Jenkins header includes the version "Jenkins 2.479.1".

REST API Jenkins 2.479.1

Screenshot of Jenkins Pipeline configuration for a project named "bankapp-eta-app".

The pipeline definition is set to "Pipeline script from SCM". The SCM provider is "Git", with the repository URL set to `https://github.com/NaveenkumarCumM/bankapp-eta-app.git`. The credentials dropdown is set to "- none -".

Buttons at the bottom: Save, Apply.

Screenshot of Jenkins Pipeline configuration for the same project.

The pipeline definition is set to "Pipeline script from SCM". The SCM provider is "Git", with the repository URL set to `https://github.com/NaveenkumarCumM/bankapp-eta-app.git`. The credentials dropdown is set to "- none -".

The "Branches to build" section shows a branch specifier of `*/master`. The "Repository browser" dropdown is set to "(Auto)".

The "Script Path" is set to `Jenkinsfile`. The "Lightweight checkout" checkbox is checked.

Buttons at the bottom: Save, Apply.

EC2 | us-east-1 | bankapp-eta-app/ at master · N | project [Jenkins] | bankapp-eta-app/Jenkinsfile at · N | Repositories | Docker Hub

NaveenkumarcumM / bankapp-eta-app

Type / to search

Code Pull requests Actions Projects Wiki Security Insights Settings

master · bankapp-eta-app / Jenkinsfile

NaveenkumarcumM Update Jenkinsfile · 54fa79a · now · History

Code Blame 41 lines (36 loc) · 1.14 KB

```
1 pipeline {
2     agent any
3
4     stages {
5         stage('build project') {
6             steps {
7                 git url: 'https://github.com/NaveenkumarcumM/bankapp-eta-app.git', branch: "master"
8                 sh 'mvn clean package'
9             }
10        }
11    }
12
13    stage('Build Docker Image') {
14        steps {
15            script {
16                sh 'docker build -t naveencum98/staragileprojectfinance:v1 .'
17                sh 'docker images'
18            }
19        }
20    }
21
22    stage('Docker Login') {
23        steps {
24            withCredentials([usernamePassword(credentialsId: 'dockerhub-pwd', passwordVariable: 'PASS', usernameVariable: 'USER')])
25                sh "echo $PASS | docker login -u $USER --password-stdin"
26        }
27    }
28
29    stage('Push Docker Image') {
30        steps {
```

EC2 | us-east-1 | bankapp-eta-app/ at master · N | project [Jenkins] | bankapp-eta-app/Jenkinsfile at · N | Repositories | Docker Hub

NaveenkumarcumM / bankapp-eta-app / Jenkinsfile

Type here to search

Code Blame 41 lines (36 loc) · 1.14 KB

```
11
12        }
13    }
14
15    stage('Push Docker Image') {
16        steps {
```

The screenshot shows a GitHub repository page for 'bankapp-eta-app' with the file 'Jenkinsfile' open. The code editor displays the Jenkins pipeline script:

```
25         }
26     }
27 }
28
29 stage('Push Docker Image') {
30     steps {
31         sh 'docker push naveencum98/staragileprojectfinance:v1'
32     }
33 }
34
35 stage('Deploy') {
36     steps {
37         sh 'sudo docker run -itd --name My-first-container2211 -p 8083:80 naveencum98/staragileprojectfinance:v1'
38     }
39 }
40 }
41 }
```

The screenshot shows a Jenkins job console output for build #8. The left sidebar lists build-related actions: Status, Changes, Console Output (which is selected), Edit Build Information, Delete build '#8', Timings, Git Build Data, Pipeline Overview, Pipeline Console, Restart from Stage, Replay, Pipeline Steps, Workspaces, and Previous Build. The main area shows the Jenkinsfile being executed:

```
Started by user Naveen
Obtained Jenkinsfile from git https://github.com/NaveenkumarCumM/bankapp-eta-app.git
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/project
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Checkout SCM)
[Pipeline] checkout
Selected Git installation does not exist. Using Default
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/project/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/NaveenkumarCumM/bankapp-eta-app.git # timeout=10
Fetching upstream changes from https://github.com/NaveenkumarCumM/bankapp-eta-app.git
> git --version # timeout=10
> git --version # 'git version 2.43.0'
> git fetch --tags --force --progress -- https://github.com/NaveenkumarCumM/bankapp-eta-app.git +refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse refs/remotes/origin/master^{commit} # timeout=10
Checking out Revision 54fa79a640cd507f15f4a6d6e0f09f505b175399 (refs/remotes/origin/master)
> git config core.sparsecheckout # timeout=10
```

```
Dashboard > project > #8

0b55156abf26: Mounted from library/openjdk
826c3ddbb29c: Mounted from library/openjdk
b626401ef603: Mounted from library/openjdk
7b7f3078e1db: Mounted from library/openjdk
293d5db30c0cf: Mounted from library/openjdk
03127cdb479b: Mounted from library/openjdk
9c742c6c7a5: Mounted from library/openjdk
15a64385f5c3: Pushed
v1: digest: sha256:44bfd446684178089cf8c903398058c842f0c9c0ef8877d171fc8cbbe2cd65ff size: 2007
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Deploy)
[Pipeline] sh
+ sudo docker run -itd --name My-first-container2211 -p 8083:80 naveencum98/staragileprojectfinance:v1
dbef7df578dec7d2eb5c3ff326b2d7cd017f635975741acb46758a607f10f2c
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

REST API Jenkins 2.479.1



EC2 | us-east-1 bankapp-eta-app/ at master · N project #8 Console [Jenkins] bankapp-eta-app/Jenkinsfile at · N Repositories | Docker Hub

Jenkins

Search (CTRL+K) Naveen log out

Dashboard > project > #8 > Pipeline Overview

Build #8

Pipeline

```
graph LR; Start((Start)) --> SCM[Checkout SCM]; SCM --> Build[build project]; Build --> Docker[Build Docker Im...]; Docker --> Login[Docker Login]; Login --> Push[Push Docker Im...]; Push --> Deploy[Deploy]; Deploy --> End((End))
```

Details

- Manually run by Naveen
- Started 10 min ago
- Queued 3 ms
- Took 43 sec

Jenkins 2.479.1



EC2 | us-east-1 | bankapp-eta-app/ at master · N | Build log [#8] [Jenkins] | bankapp-eta-app/Jenkinsfile at master · N | Repositories | Docker Hub

Jenkins

Dashboard > project > #8 > Pipeline Console

Build #8

Success 10 min ago in 43 sec

Checkout SCM

build project

Build Docker Image

Docker Login

Push Docker Image

Deploy

Stage 'Deploy'

- Started 9 min 47 sec ago
- Queued 0 ms
- Took 0.88 sec
- Success

[View as plain text](#)

sudo docker run -itd --name My-first-container2211 -p 8083:80 naveencum98/staragileprojectfinance:v1 0.82 sec

```
0 + sudo docker run -itd --name My-first-container2211 -p 8083:80 naveencum98/staragileprojectfinance:v1
1 dbef7df578dec7d2eb5c3ff326b2d7cd017f635975741acba6758a607f10f2c
```

Jenkins 2.479.1

EC2 | us-east-1 | bankapp-eta-app/ at master · N | Build log [#8] [Jenkins] | bankapp-eta-app/Jenkinsfile at master · N | Repositories | Docker Hub

Jenkins

Dashboard > project > #8 > Pipeline Console

Build #8

Success 10 min ago in 43 sec

Checkout SCM

build project

Build Docker Image

Docker Login

Push Docker Image

Deploy

Check out from version control

```
2 No credentials specified
3 > git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/project/.git # timeout=10
4 Fetching changes from the remote Git repository
5 > git config remote.origin.url https://github.com/NaveenkumarCumM/bankapp-eta-app.git # timeout=10
6 Fetching upstream changes from https://github.com/NaveenkumarCumM/bankapp-eta-app.git
7 > git --version # timeout=10
8 > git --version # 'git version 2.43.0'
9 > git fetch --tags --force --progress -- https://github.com/NaveenkumarCumM/bankapp-eta-app.git +refs/heads/*:refs/remotes/origin/* # timeout=10
10 > git rev-parse refs/remotes/origin/master^{commit} # timeout=10
11 Checking out Revision 54fa79a640cd507f15f4a6d6e0f09f505b175399 (refs/remotes/origin/master)
12 > git config core.sparsecheckout # timeout=10
13 > git checkout -f 54fa79a640cd507f15f4a6d6e0f09f505b175399 # timeout=10
14 Commit message: "Update Jenkinsfile"
15 > git rev-list --no-walk 4739afed36a63cc1bb8891ec64d8fa19ecc9f7361 # timeout=10
```

Jenkins 2.479.1

Jenkins Pipeline Console - Build #8

Success 10 min ago in 43 sec

Checkout SCM
build project
Build Docker Image
Docker Login
Push Docker Image
Deploy

```
Progress (2): 2.6/2.6 MB | 487/500 kB
Progress (2): 2.6/2.6 MB | 487/500 kB
Progress (2): 2.6 MB | 487/500 kB
Progress (2): 2.6 MB | 492/500 kB
Progress (2): 2.6 MB | 496/500 kB
Progress (2): 2.6 MB | 500 kB

Downloaded from central: https://repo.maven.apache.org/maven2/com/google/guava/guava/28.2-android/guava-28.2-android.jar (2.6 MB at 5.7 MB/s)
109 Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-lang3/3.7/commons-lang3-3.7.jar (500 kB at 1.0 MB/s)
110 [INFO] Replacing main artifact with repackaged archive
111 [INFO] -----
112 [INFO] BUILD SUCCESS
113 [INFO] -----
114 [INFO] Total time: 28.474 s
115 [INFO] Finished at: 2024-11-12T22:23:02Z
116 [INFO] -----
```

Jenkins 2.479.1

Jenkins Pipeline Console - Build #8

Success 10 min ago in 43 sec

Checkout SCM
build project
Build Docker Image
Docker Login
Push Docker Image
Deploy

Stage 'Build Docker Image'
Started 9 min 56 sec ago
Queued 0 ms
Took 3.8 sec
Success
[View as plain text](#)

```
docker build -t naveencum98/staragileprojectfinance:v1 .
3.2 sec
```

```
docker images
0.28 sec
```

INDEX	REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
1	naveencum98/staragileprojectfinance	v1	78ee42b059c8	Less than a second ago	696MB
3	<none>	<none>	d7479149e2aa	20 minutes ago	654MB
4	openjdk	11	47a932d998b7	2 years ago	654MB

Jenkins 2.479.1



Jenkins Pipeline Console - Build #8

Success 10 min ago in 43 sec

Checkout SCM
build project
Build Docker Image
Docker Login
Push Docker Image
Deploy

Queued 0 ms
Took 0.69 sec
Success

echo \${PASS} | docker login -u naveencum98 --password-stdin

```
0 Warning: A secret was passed to "sh" using Groovy String interpolation, which is insecure.
1 Affected argument(s) used the following variable(s): [PASS]
2 See https://jenkins.io/redirect/groovy-string-interpolation for details.
3 + echo ****
4 + docker login -u naveencum98 --password-stdin
5 WARNING! Your password will be stored unencrypted in /var/lib/jenkins/.docker/config.json.
6 Configure a credential helper to remove this warning. See
7 https://docs.docker.com/engine/reference/commandline/login/#credentials-store
8
9 Login Succeeded
```

Jenkins 2.479.1

Jenkins Pipeline Console - Build #8

Success 10 min ago in 43 sec

Checkout SCM
build project
Build Docker Image
Docker Login
Push Docker Image
Deploy

```
3 /0/r50/8e1aa: Preparing
4 826c3ddb29c: Preparing
5 b626401ef603: Preparing
6 9b55156abf26: Preparing
7 293d5db30c9f: Preparing
8 03127cdb479b: Preparing
9 9c742cd6c7a5: Preparing
10 293d5db30c9f: Waiting
11 03127cdb479b: Waiting
12 9c742cd6c7a5: Waiting
13 9b55156abf26: Mounted from library/openjdk
14 826c3ddb29c: Mounted from library/openjdk
15 b626401ef603: Mounted from library/openjdk
16 7bf3f3078e1db: Mounted from library/openjdk
17 293d5db30c9f: Mounted from library/openjdk
18 03127cdb479b: Mounted from library/openjdk
19 9c742cd6c7a5: Mounted from library/openjdk
20 15a64385f5c3: Pushed
21 v1: digest: sha256:44bfd446684178089cf8c903398058c842f0c9c0ef8877d171fc8cbbe2cd65ff size: 2007
```

Jenkins 2.479.1

Success 10 min ago in 43 sec

Checkout SCM
build project
Build Docker Image
Docker Login
Push Docker Image
Deploy

Stage 'Deploy'
Started 9 min 47 sec ago
Queued 0 ms
Took 0.88 sec
Success
View as plain text

`sudo docker run -itd --name My-first-container2211 -p 8083:80 naveencum98/staragileprojectfinance:v1`

Jenkins 2.479.1



54.236.15.23 (ubuntu)

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

2. 54.236.15.23 (ubuntu)

```
ubuntu@ip-172-31-39-152:~$ sudo -i
root@ip-172-31-39-152:~# docker ps
CONTAINER ID        IMAGE               COMMAND             CREATED            STATUS              PORTS               NAMES
dbef7df578de        naveencum98/staragileprojectfinance:v1   "java -jar /app.jar"   11 minutes ago    Up 11 minutes   0.0.0.0:8083->80/tcp, :::8083->80/tcp   My-first-container2211
root@ip-172-31-39-152:~#
```



```
54.80.74.117 (ubuntu)
Terminal Sessions View Xserver Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
54.80.74.117 (ubuntu) x X server Exit
root@ip-172-31-34-115:~# wget https://github.com/prometheus/prometheus/releases/download/v3.0.0-rc.1/prometheus-3.0.0-rc.1.linux-amd64.tar.gz
--2024-11-13 15:55:17-- https://github.com/prometheus/prometheus/releases/download/v3.0.0-rc.1/prometheus-3.0.0-rc.1.linux-amd64.tar.gz
Resolving github.com (github.com)... 140.82.114.4
Connecting to github.com (github.com)|140.82.114.4|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://objects.githubusercontent.com/github-production-release-asset-2e65be/6838921/7c2f993c-acc9-4ba5-ab3e-2c9350f8e095?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Content-Type=application/x-tar&X-Amz-Content-Length=107760&X-Amz-Content-Disposition=attachment;filename=3Dprometheus-3.0.0-rc.1.linux-amd64.tar.gz&X-Amz-SignedHeaders=host&response-content-disposition=attachment%3B%20filename%3Dprometheus-3.0.0-rc.1.linux-amd64.tar.gz&response-content-type=application%2Foctet-stream
Resolving objects.githubusercontent.com (objects.githubusercontent.com)... 185.199.110.133, 185.199.111.133, 185.199.108.133, ...
Connecting to objects.githubusercontent.com (objects.githubusercontent.com)|185.199.110.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 112992848 (108M) [application/octet-stream]
Saving to: 'prometheus-3.0.0-rc.1.linux-amd64.tar.gz'

prometheus-3.0.0-rc.1.linux-amd64.tar.gz      100%[=====] 107.76M   331MB/
2024-11-13 15:55:18 (331 MB/s) - 'prometheus-3.0.0-rc.1.linux-amd64.tar.gz' saved [112992848/112992848]

root@ip-172-31-34-115:~# ls
naveen  prometheus-3.0.0-rc.1.linux-amd64.tar.gz  snap
root@ip-172-31-34-115:~# tar -xvf prometheus-3.0.0-rc.1.linux-amd64.tar.gz
prometheus-3.0.0-rc.1.linux-amd64/
prometheus-3.0.0-rc.1.linux-amd64/promtool
prometheus-3.0.0-rc.1.linux-amd64/LICENSE
prometheus-3.0.0-rc.1.linux-amd64/prometheus
prometheus-3.0.0-rc.1.linux-amd64/prometheus.yml
prometheus-3.0.0-rc.1.linux-amd64/NOTICE
root@ip-172-31-34-115:~# ls
naveen  prometheus-3.0.0-rc.1.linux-amd64  prometheus-3.0.0-rc.1.linux-amd64.tar.gz  snap
root@ip-172-31-34-115:~# cd prometheus-3.0.0-rc.1.linux-amd64.tar.gz: Not a directory
root@ip-172-31-34-115:~# cd prometheus-3.0.0-rc.1.linux-amd64
root@ip-172-31-34-115:~/prometheus-3.0.0-rc.1.linux-amd64# ls
LICENSE  NOTICE  prometheus  prometheus.yml  protocool
root@ip-172-31-34-115:~/prometheus-3.0.0-rc.1.linux-amd64#
```

UNREGISTERED VERSION - Please support MobaTerm by subscribing to the professional edition here: <https://mobatext.mobatek.net>

```
54.80.74.117 (ubuntu)
Terminal Sessions View Xserver Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
54.80.74.117 (ubuntu) x X server Exit
root@ip-172-31-34-115:~# wget https://github.com/prometheus/prometheus/releases/download/v3.0.0-rc.1/prometheus-3.0.0-rc.1.linux-amd64.tar.gz
--2024-11-13 15:55:17-- https://github.com/prometheus/prometheus/releases/download/v3.0.0-rc.1/prometheus-3.0.0-rc.1.linux-amd64.tar.gz
Resolving github.com (github.com)... 140.82.114.4
Connecting to github.com (github.com)|140.82.114.4|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://objects.githubusercontent.com/github-production-release-asset-2e65be/6838921/7c2f993c-acc9-4ba5-ab3e-2c9350f8e095?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Content-Type=application/x-tar&X-Amz-Content-Length=107760&X-Amz-Content-Disposition=attachment;filename=3Dprometheus-3.0.0-rc.1.linux-amd64.tar.gz&X-Amz-SignedHeaders=host&response-content-disposition=attachment%3B%20filename%3Dprometheus-3.0.0-rc.1.linux-amd64.tar.gz&response-content-type=application%2Foctet-stream
Resolving objects.githubusercontent.com (objects.githubusercontent.com)... 185.199.110.133, 185.199.111.133, 185.199.108.133, ...
Connecting to objects.githubusercontent.com (objects.githubusercontent.com)|185.199.110.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 112992848 (108M) [application/octet-stream]
Saving to: 'prometheus-3.0.0-rc.1.linux-amd64.tar.gz'

prometheus-3.0.0-rc.1.linux-amd64.tar.gz      100%[=====] 107.76M   331MB/
2024-11-13 15:55:18 (331 MB/s) - 'prometheus-3.0.0-rc.1.linux-amd64.tar.gz' saved [112992848/112992848]

root@ip-172-31-34-115:~# ls
naveen  prometheus-3.0.0-rc.1.linux-amd64.tar.gz  snap
root@ip-172-31-34-115:~# tar -xvf prometheus-3.0.0-rc.1.linux-amd64.tar.gz
prometheus-3.0.0-rc.1.linux-amd64/
prometheus-3.0.0-rc.1.linux-amd64/promtool
prometheus-3.0.0-rc.1.linux-amd64/LICENSE
prometheus-3.0.0-rc.1.linux-amd64/prometheus
prometheus-3.0.0-rc.1.linux-amd64/prometheus.yml
prometheus-3.0.0-rc.1.linux-amd64/NOTICE
root@ip-172-31-34-115:~# ls
naveen  prometheus-3.0.0-rc.1.linux-amd64  prometheus-3.0.0-rc.1.linux-amd64.tar.gz  snap
root@ip-172-31-34-115:~# cd prometheus-3.0.0-rc.1.linux-amd64.tar.gz: Not a directory
root@ip-172-31-34-115:~# cd prometheus-3.0.0-rc.1.linux-amd64
root@ip-172-31-34-115:~/prometheus-3.0.0-rc.1.linux-amd64# ls
LICENSE  NOTICE  prometheus  prometheus.yml  protocool
root@ip-172-31-34-115:~/prometheus-3.0.0-rc.1.linux-amd64#
```

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```
[Unit]
Description=Prometheus Server
Documentation=https://prometheus.io/docs/introduction/overview/
After=network-online.target

[Service]
User=root
Restart=on-failure
ExecStart=/root/prometheus-3.0.0-rc.1.linux-amd64/prometheus --config.file=/root/prometheus-3.0.0-rc.1.linux-amd64/prometheus.yml

[Install]
WantedBy=multi-user.target
```

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```
root@ip-172-31-34-115:~/prometheus-3.0.0-rc.1.linux-amd64# ls
LICENSE NOTICE prometheus prometheus.yml protocol
root@ip-172-31-34-115:~/prometheus-3.0.0-rc.1.linux-amd64# sudo -i
root@ip-172-31-34-115:~# ls
naveen prometheus-3.0.0-rc.1.linux-amd64 prometheus-3.0.0-rc.1.linux-amd64.tar.gz snap
root@ip-172-31-34-115:~# /etc/systemd/system/prometheus.service
root@ip-172-31-34-115:~# .prometheus-3.0.0-rc.1.linux-amd64^C
root@ip-172-31-34-115:~# sudo vi /etc/systemd/system/prometheus.service
root@ip-172-31-34-115:~# sudo systemctl status prometheus
Warning: The unit file, source configuration file or drop-ins of prometheus.service changed on disk. Run 'systemctl daemon-reload' to reload units.
● prometheus.service - Prometheus Server
   Loaded: loaded (/etc/systemd/system/prometheus.service; disabled; preset: enabled)
     Active: inactive (dead)
       Docs: https://prometheus.io/docs/introduction/overview/
root@ip-172-31-34-115:~# sudo systemctl start prometheus
Warning: The unit file, source configuration file or drop-ins of prometheus.service changed on disk. Run 'systemctl daemon-reload' to reload units.
root@ip-172-31-34-115:~# systemctl daemon-reload
root@ip-172-31-34-115:~# sudo systemctl start prometheus
root@ip-172-31-34-115:~#
```

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Instances | EC2 | us-east-1 | Training_Documents/Monitoring | Download | Prometheus | Prometheus Time Series Collector | +

Not secure 54.80.74.117:9090/query

Prometheus Query Alerts Status

Enter expression (press Shift+Enter for newlines)

Table Graph Explain

Evaluation time

No data queried yet

+ Add query

Instances | EC2 | us-east-1 | Training_Documents/Monitoring | Prometheus Time Series Collector | Querying examples | Prometheus | Download Grafana | Grafana Lab | +

grafana.com/download?platform=linux&edition=oss

Grafana

Overview Grafana project Grafana Alerting Download

Edition: OSS

The Enterprise Edition is the default and recommended edition. It includes all the features of the OSS Edition, can be used for free and can be upgraded to the full Enterprise feature set, including support for Enterprise plugins.

License: AGPLv3

Release Date: November 12, 2024

Release Info: What's New In Grafana 11.3.0+security-01

Linux Windows Mac Docker Linux on ARM64

Ubuntu and Debian (64 Bit) SHA256: d6dfcf9d87251f07813c8b916a4d7039039bff12b271c40d3be7eca0bf5d7f8e

```
sudo apt-get install -y adduser libfontconfig1 musl
wget https://dl.grafana.com/oss/release/grafana_11.3.0+security-01_amd64.deb
sudo dpkg -i grafana_11.3.0+security-01_amd64.deb
```

Read the Ubuntu / Debian installation guide for more information. We also provide an APT package repository.

Standalone Linux Binaries (64 Bit) SHA256: 7d4afcd31ebdd15bb823cc9c8596a2e3a999e407b52db1f77af284d6edafde64

```
wget https://dl.grafana.com/oss/release/grafana-11.3.0+security-01.linux-amd64.tar.gz
tar -zxf grafana-11.3.0+security-01.linux-amd64.tar.gz
```

```
[54.80.74.117 (ubuntu)]
Terminal Sessions View Xserver Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
X server Exit
[3. 54.80.74.117 (ubuntu)]
Diagnostics:
  The currently running kernel version is not the expected kernel version 6.8.0-1018-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:
  systemctl restart unattended-upgrades.service

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.
--2024-11-13 16:12:56-- https://dl.grafana.com/oss/release/grafana_11.3.0+security~01_amd64.deb
Resolving dl.grafana.com (dl.grafana.com)... 146.75.34.217, 2a04:4e42:78::729
Connecting to dl.grafana.com (dl.grafana.com)|146.75.34.217|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 126377598 (121M) [application/octet-stream]
Saving to: 'grafana_11.3.0+security~01_amd64.deb'

grafana_11.3.0+security~01_amd64.deb      100%[=====] 120.52M   259MB/s   in 0.5s
2024-11-13 16:12:57 (259 MB/s) - 'grafana_11.3.0+security~01_amd64.deb' saved [126377598/126377598]

Selecting previously unselected package grafana.
(Reading database ... 98586 files and directories currently installed.)
Preparing to unpack grafana_11.3.0+security~01_amd64.deb ...
Unpacking grafana (11.3.0-01) ...
Setting up grafana (11.3.0-01) ...
  Info: Selecting UID from range 100 to 999 ...

  Info: Adding system user 'grafana' (UID 111) ...
  Info: Adding new user 'grafana' (UID 111) with group 'grafana' ...
  Info: Not creating home directory '/usr/share/grafana'.
## NOT starting on installation, please execute the following statements to configure grafana to start automatically using systemd
  sudo /bin/systemctl daemon-reload
  sudo /bin/systemctl enable grafana-server
## You can start grafana-server by executing
  sudo /bin/systemctl start grafana-server
root@ip-172-31-34-115:~#
```

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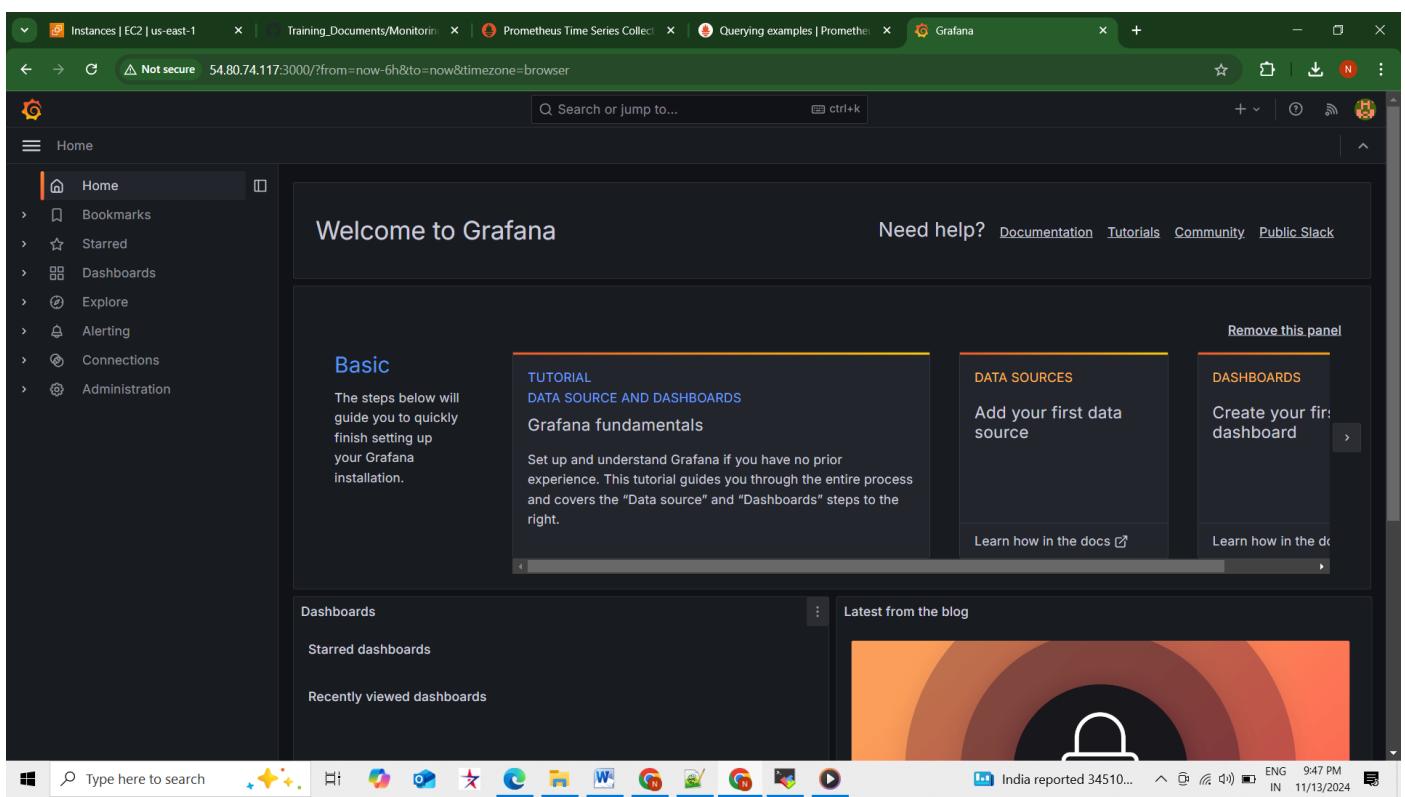
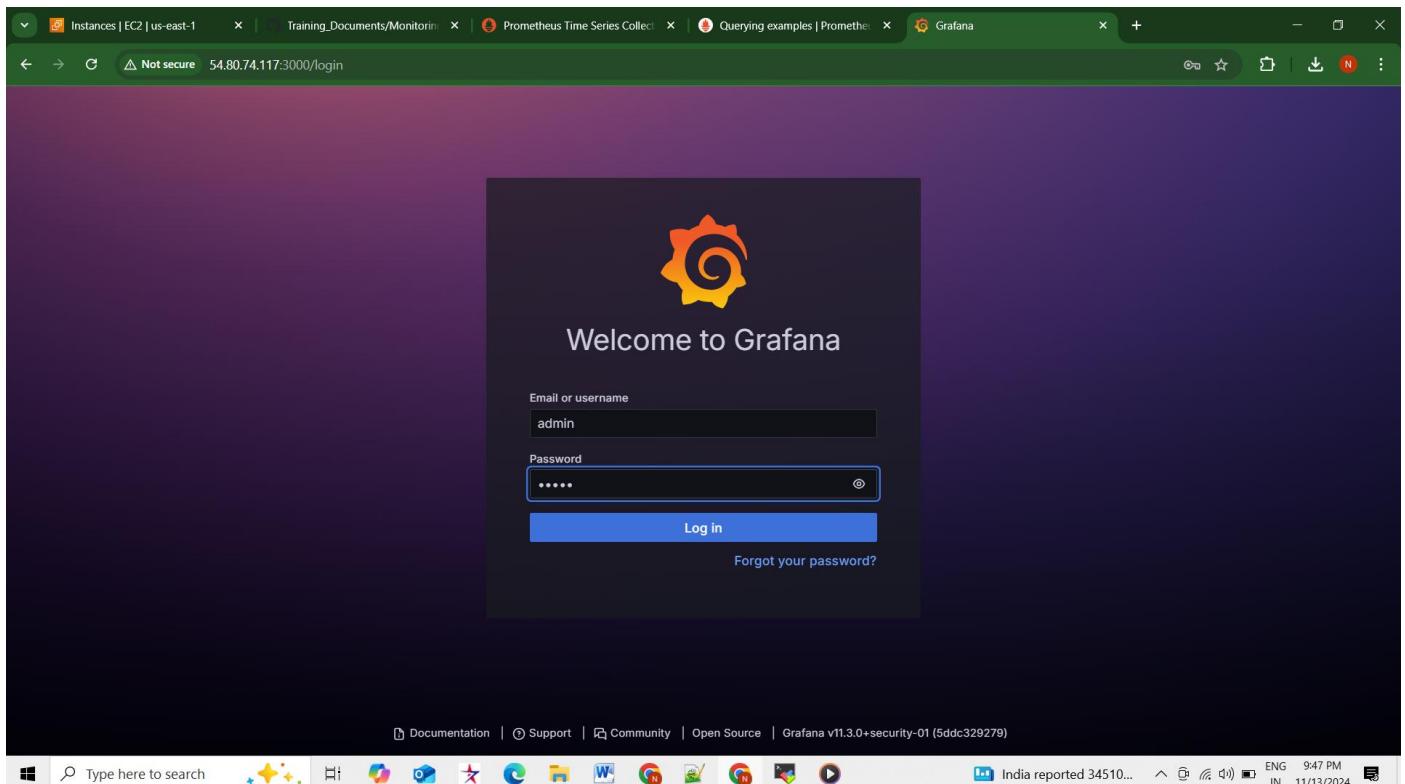
```
[54.80.74.117 (ubuntu)]
Terminal Sessions View Xserver Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
X server Exit
[3. 54.80.74.117 (ubuntu)]
2024-11-13 16:12:57 (259 MB/s) - 'grafana_11.3.0+security~01_amd64.deb' saved [126377598/126377598]

Selecting previously unselected package grafana.
(Reading database ... 98586 files and directories currently installed.)
Preparing to unpack grafana_11.3.0+security~01_amd64.deb ...
Unpacking grafana (11.3.0-01) ...
Setting up grafana (11.3.0-01) ...
  Info: Selecting UID from range 100 to 999 ...

  Info: Adding system user 'grafana' (UID 111) ...
  Info: Adding new user 'grafana' (UID 111) with group 'grafana' ...
  Info: Not creating home directory '/usr/share/grafana'.
## NOT starting on installation, please execute the following statements to configure grafana to start automatically using systemd
  sudo /bin/systemctl daemon-reload
  sudo /bin/systemctl enable grafana-server
## You can start grafana-server by executing
  sudo /bin/systemctl start grafana-server
root@ip-172-31-34-115:~# sudo /bin/systemctl start grafana-server
root@ip-172-31-34-115:~# sudo /bin/systemctl status grafana-server.service
● grafana-server.service - Grafana instance
   Loaded: loaded (/usr/lib/systemd/system/grafana-server.service; disabled; preset: enabled)
   Active: active (running) since Wed 2024-11-13 16:14:12 UTC; 28s ago
     Docs: http://docs.grafana.org
 Main PID: 11741 (grafana)
    Tasks: 15 (limit: 4586)
   Memory: 77.6M (peak: 77.8M)
    CPU: 4.540s
   CGroup: /system.slice/grafana-server.service
           └─11741 /usr/share/grafana/bin/grafana server --config=/etc/grafana/grafana.ini --pidfile=/run/grafana/grafana-server.pid --packaging=deb cfg:default.paths.logs=/var/log/grafana

Nov 13 16:14:18 ip-172-31-34-115 grafana[11741]: logger=plugins.update.checker t=2024-11-13T16:14:18.893722862Z level=info msg="Update check succeeded" duration=192.086962ms
Nov 13 16:14:18 ip-172-31-34-115 grafana[11741]: logger=grafana.update.checker t=2024-11-13T16:14:18.91942842Z level=info msg="Update check succeeded" duration=217.989167ms
Nov 13 16:14:18 ip-172-31-34-115 grafana[11741]: logger=plugin.angulardetectorsprovider.dynamic t=2024-11-13T16:14:18.92595824Z level=info msg="Patterns update finished" duration=93.81ms
Nov 13 16:14:19 ip-172-31-34-115 grafana[11741]: logger=plugin.uninstaller t=2024-11-13T16:14:19.108470046Z level=info msg="Installing plugin" pluginId=grafana-lokiexplore-app version=
Nov 13 16:14:19 ip-172-31-34-115 grafana[11741]: logger=installer.fs t=2024-11-13T16:14:19.354767238Z level=info msg="Downloaded and extracted grafana-lokiexplore-app v1.0.2 zip success"
Nov 13 16:14:19 ip-172-31-34-115 grafana[11741]: logger=grafana-apiserver t=2024-11-13T16:14:19.41688773Z level=info msg="Adding GroupVersion playlist.grafana.app v0Alpha1 to ResourceManifest"
Nov 13 16:14:19 ip-172-31-34-115 grafana[11741]: logger=grafana-apiserver t=2024-11-13T16:14:19.418050972Z level=info msg="Adding GroupVersion featureToggle.grafana.app v0Alpha1 to ResourceManifest"
Nov 13 16:14:19 ip-172-31-34-115 grafana[11741]: logger=grafana-apiserver t=2024-11-13T16:14:19.420823691Z level=info msg="Adding GroupVersion tam.grafana.app v0Alpha1 to ResourceManifest"
Nov 13 16:14:19 ip-172-31-34-115 grafana[11741]: logger=plugins.registration t=2024-11-13T16:14:19.456172125Z level=info msg="Plugin registered" pluginId=grafana-lokiexplore-app
Nov 13 16:14:19 ip-172-31-34-115 grafana[11741]: logger=plugin.backgroundinstaller t=2024-11-13T16:14:19.456232749Z level=info msg="Plugin successfully installed" pluginId=grafana-lokiexplore-app
[lines 1-21/21 (END)]
```

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```
Instances | EC2 | us-east-1 | EC2 Instance Connect | Training_Documents | Querying examples | Prometheus Time Series | Add data source - D | Download | Prometheus | + | - | □ | N

aws Services Search [Alt+S] N. Virginia naveenkumarucumaran

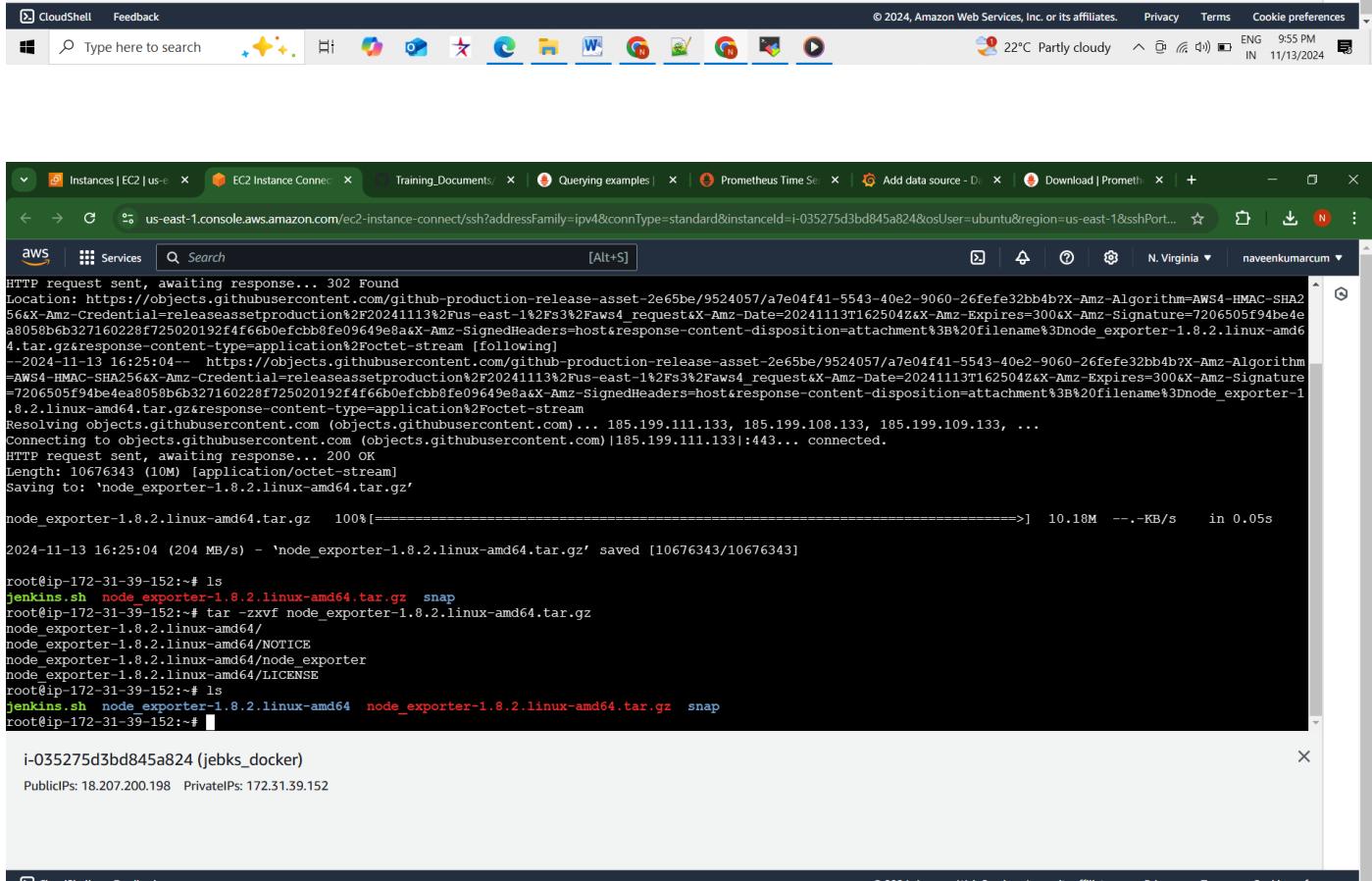
root@ip-172-31-39-152:~# ls
jenkins.sh snap

root@ip-172-31-39-152:~# wget https://github.com/prometheus/node_exporter/releases/download/v1.8.2/node_exporter-1.8.2.linux-amd64.tar.gz
--2024-11-13 16:25:04-- https://github.com/prometheus/node_exporter/releases/download/v1.8.2/node_exporter-1.8.2.linux-amd64.tar.gz
Resolving github.com (github.com) ... 140.82.114.3
Connecting to github.com (github.com) |140.82.114.3|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://objets.githubusercontent.com/github-production-release-asset-2e65be/9524057/a7e04f41-5543-40e2-9060-26fe32bb4b?Amz-Algorithm=AWS4-HMAC-SHA256&Amz-Credential=releaseassetproduction%2F20241113%2Fus-east-1%2Fs3%2Faws4_request%4X-Amz-Date=20241113T162504Z&X-Amz-Expires=3004X-Amz-Signature=7206505f94be4ea8059b6b327160228f725020192f4f66b0efcbb8fe09649e8ax-Amz-SignedHeaders=host&response-content-disposition=attachment%3B%20filename%3Dnode_exporter-1.8.2.linux-amd64.tar.gz&response-content-type=application%2Foctet-stream [following]
--2024-11-13 16:25:04-- https://objets.githubusercontent.com/github-production-release-asset-2e65be/9524057/a7e04f41-5543-40e2-9060-26fe32bb4b?Amz-Algorithm=AWS4-HMAC-SHA256&Amz-Credential=releaseassetproduction%2F20241113%2Fus-east-1%2Fs3%2Faws4_request%4X-Amz-Date=20241113T162504Z&X-Amz-Expires=3004X-Amz-Signature=7206505f94be4ea8059b6b327160228f725020192f4f66b0efcbb8fe09649e8ax-Amz-SignedHeaders=host&response-content-disposition=attachment%3B%20filename%3Dnode_exporter-1.8.2.linux-amd64.tar.gz&response-content-type=application%2Foctet-stream
Resolving objets.githubusercontent.com (objets.githubusercontent.com) ... 185.199.111.133, 185.199.108.133, 185.199.109.133, ...
Connecting to objets.githubusercontent.com (objets.githubusercontent.com) |185.199.111.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 10676343 (10MB) [application/octet-stream]
Saving to: 'node_exporter-1.8.2.linux-amd64.tar.gz'

node_exporter-1.8.2.linux-amd64.tar.gz 100%[=====] 10.18M --.KB/s in 0.05s

2024-11-13 16:25:04 (204 MB/s) - 'node_exporter-1.8.2.linux-amd64.tar.gz' saved [10676343/10676343]

root@ip-172-31-39-152:~# ls
jenkins.sh node_exporter-1.8.2.linux-amd64.tar.gz snap
root@ip-172-31-39-152:~#
```



Instances [EC2] us-east-1 | EC2 Instance Connect | Training_Documents | Querying examples | Prometheus Time Series | Add data source - | Download | Prometheus | + | - | □ | X

aws Services Search [Alt+S]

```

Active: inactive (dead)
  Docs: https://prometheus.io/docs/introduction/overview/
root@ip-172-31-39-152:~# sudo systemctl start node_exporter
Warning: The unit file, source configuration file or drop-ins of node_exporter.service changed on disk. Run 'systemctl daemon-reload' to reload units.
root@ip-172-31-39-152:~# sudo systemctl daemon-reload
root@ip-172-31-39-152:~# sudo systemctl start node_exporter
root@ip-172-31-39-152:~# sudo systemctl status node_exporter
● node_exporter.service - Prometheus Server
  Loaded: loaded (/etc/systemd/system/node_exporter.service; disabled; preset: enabled)
  Active: active (running) since Wed 2024-11-13 16:30:15 UTC; 29s ago
    Docs: https://prometheus.io/docs/introduction/overview/
Main PID: 11811 (node_exporter)
  Tasks: 4 (limit: 4586)
    Memory: 2.4M (peak: 2.5M)
      CPU: 23ms
     CGroup: /system.slice/node_exporter.service
           └─11811 /root/node_exporter-1.8.2.linux-amd64/node_exporter

Nov 13 16:30:15 ip-172-31-39-152 node_exporter[11811]: ts=2024-11-13T16:30:15.312Z caller=node_exporter.go:118 level=info collector=time
Nov 13 16:30:15 ip-172-31-39-152 node_exporter[11811]: ts=2024-11-13T16:30:15.312Z caller=node_exporter.go:118 level=info collector=timex
Nov 13 16:30:15 ip-172-31-39-152 node_exporter[11811]: ts=2024-11-13T16:30:15.312Z caller=node_exporter.go:118 level=info collector=udp_queues
Nov 13 16:30:15 ip-172-31-39-152 node_exporter[11811]: ts=2024-11-13T16:30:15.313Z caller=node_exporter.go:118 level=info collector=uname
Nov 13 16:30:15 ip-172-31-39-152 node_exporter[11811]: ts=2024-11-13T16:30:15.313Z caller=node_exporter.go:118 level=info collector=vmstat
Nov 13 16:30:15 ip-172-31-39-152 node_exporter[11811]: ts=2024-11-13T16:30:15.313Z caller=node_exporter.go:118 level=info collector=watchdog
Nov 13 16:30:15 ip-172-31-39-152 node_exporter[11811]: ts=2024-11-13T16:30:15.313Z caller=node_exporter.go:118 level=info collector=xfs
Nov 13 16:30:15 ip-172-31-39-152 node_exporter[11811]: ts=2024-11-13T16:30:15.313Z caller=tls_config.go:313 level=info msg="listening on" address=[::]:9100
Nov 13 16:30:15 ip-172-31-39-152 node_exporter[11811]: ts=2024-11-13T16:30:15.313Z caller=tls_config.go:316 level=info msg="TLS is disabled." http2=false address=>
Lines 1-21/21 (END)
```

i-035275d3bd845a824 (jebks_docker)

Public IPs: 18.207.200.198 Private IPs: 172.31.39.152



CloudShell Feedback

Type here to search 22°C Partly cloudy ENG 10:00 PM IN 11/13/2024

CloudShell Feedback

54.80.74.117 (ubuntu)

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

X server Exit

root@ip-172-31-34-115:~# ls
★ grafana_11.3.0+security-01_amd64.deb naveen_prometheus-3.0.0-rc.1.linux-amd64 prometheus-3.0.0-rc.1.linux-amd64.tar.gz snap
root@ip-172-31-34-115:~# cd prometheus-3.0.0-rc.1.linux-amd64
root@ip-172-31-34-115:~/prometheus-3.0.0-rc.1.linux-amd64# ls
LICENSE NOTICE prometheus prometheus.yml promtool
root@ip-172-31-34-115:~/prometheus-3.0.0-rc.1.linux-amd64# vi prometheus.yml
root@ip-172-31-34-115:~/prometheus-3.0.0-rc.1.linux-amd64# sudo systemctl restart prometheus
root@ip-172-31-34-115:~/prometheus-3.0.0-rc.1.linux-amd64# sudo systemctl status prometheus
● prometheus.service - Prometheus Server
 Loaded: loaded (/etc/systemd/system/prometheus.service; disabled; preset: enabled)
 Active: active (running) since Wed 2024-11-13 16:38:32 UTC; 16s ago
 Docs: https://prometheus.io/docs/introduction/overview/
Main PID: 11969 (prometheus)
 Tasks: 8 (limit: 4586)
 Memory: 20.6M (peak: 20.8M)
 CPU: 142ms
 CGroup: /system.slice/prometheus.service
 └─11969 /root/prometheus-3.0.0-rc.1.linux-amd64/prometheus --config.file=/root/prometheus-3.0.0-rc.1.linux-amd64/prometheus.yml

Nov 13 16:38:32 ip-172-31-34-115 prometheus[11969]: time=2024-11-13T16:38:32.323Z level=INFO source=head.go:795 msg="WAL segment loaded" component=tsdb segment=0 maxSegment=1
Nov 13 16:38:32 ip-172-31-34-115 prometheus[11969]: time=2024-11-13T16:38:32.324Z level=INFO source=head.go:795 msg="WAL segment loaded" component=tsdb segment=1 maxSegment=1
Nov 13 16:38:32 ip-172-31-34-115 prometheus[11969]: time=2024-11-13T16:38:32.324Z level=INFO source=head.go:832 msg="WAL replay completed" component=tsdb checkpoint_replay_duration=36.5ms
Nov 13 16:38:32 ip-172-31-34-115 prometheus[11969]: time=2024-11-13T16:38:32.327Z level=INFO source=main.go:1261 msg="filesystem information" fs_type=EXT4_SUPER_MAGIC
Nov 13 16:38:32 ip-172-31-34-115 prometheus[11969]: time=2024-11-13T16:38:32.327Z level=INFO source=main.go:1264 msg="TSDB started"
Nov 13 16:38:32 ip-172-31-34-115 prometheus[11969]: time=2024-11-13T16:38:32.327Z level=INFO source=main.go:1447 msg="Loading configuration file" filename=/root/prometheus-3.0.0-rc.1.linux-amd64/prometheus.yml
Nov 13 16:38:32 ip-172-31-34-115 prometheus[11969]: time=2024-11-13T16:38:32.330Z level=INFO source=main.go:1486 msg="updated GOGC" old=100 new=75
Nov 13 16:38:32 ip-172-31-34-115 prometheus[11969]: time=2024-11-13T16:38:32.330Z level=INFO source=main.go:1496 msg="Completed loading of configuration file" db_storage=1.909µs remote=true
Nov 13 16:38:32 ip-172-31-34-115 prometheus[11969]: time=2024-11-13T16:38:32.331Z level=INFO source=main.go:1225 msg="Server is ready to receive web requests."
Nov 13 16:38:32 ip-172-31-34-115 prometheus[11969]: time=2024-11-13T16:38:32.331Z level=INFO source=manager.go:168 msg="Starting rule manager..." component="rule manager"
Lines 1-21/21 (END)



>_ up

Query Execute

Table Graph Explain

Evaluation time Load time: 535ms Result series: 2

up{instance="localhost:9090", job="prometheus"} 1

up{instance="172.31.34.115:9100", job="prometheus"} 0

+ Add query

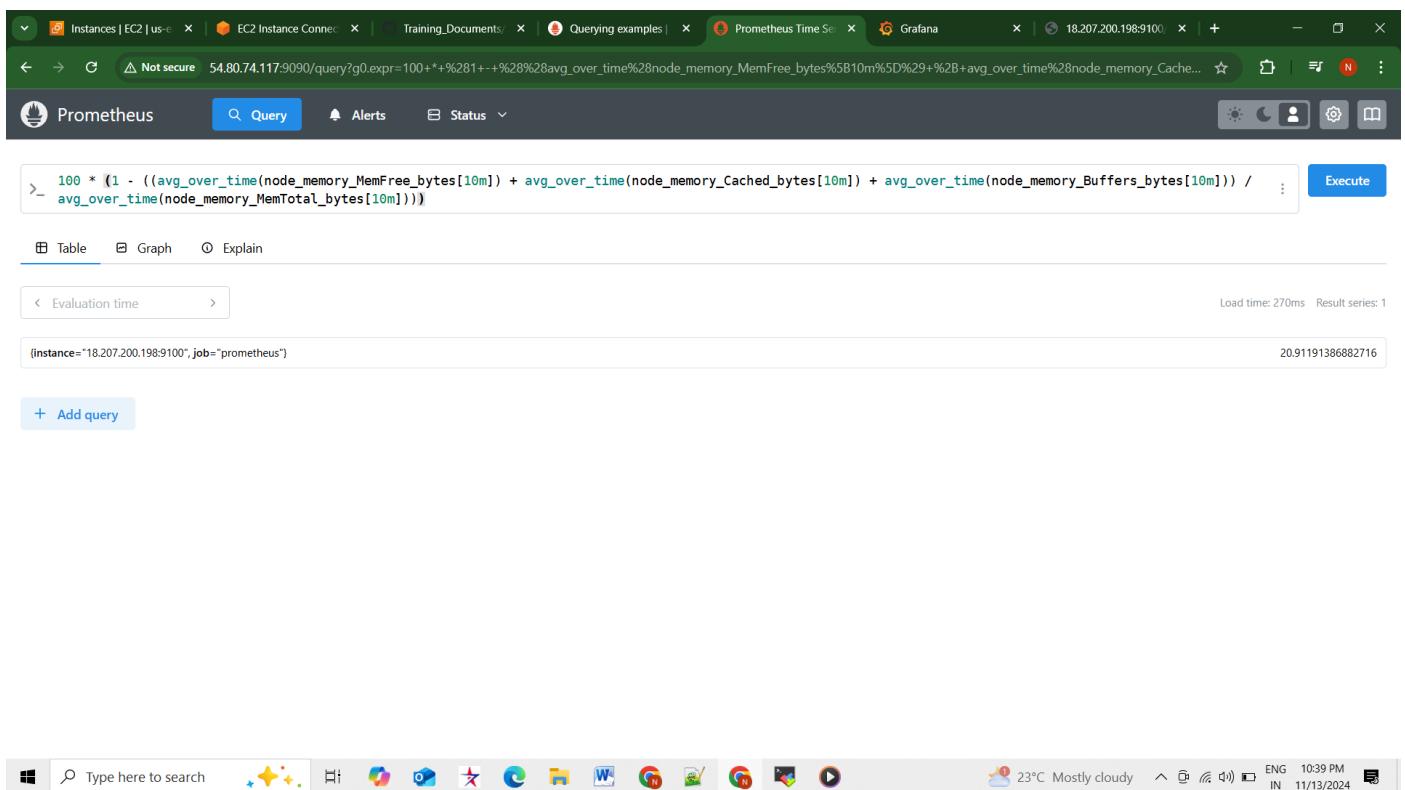
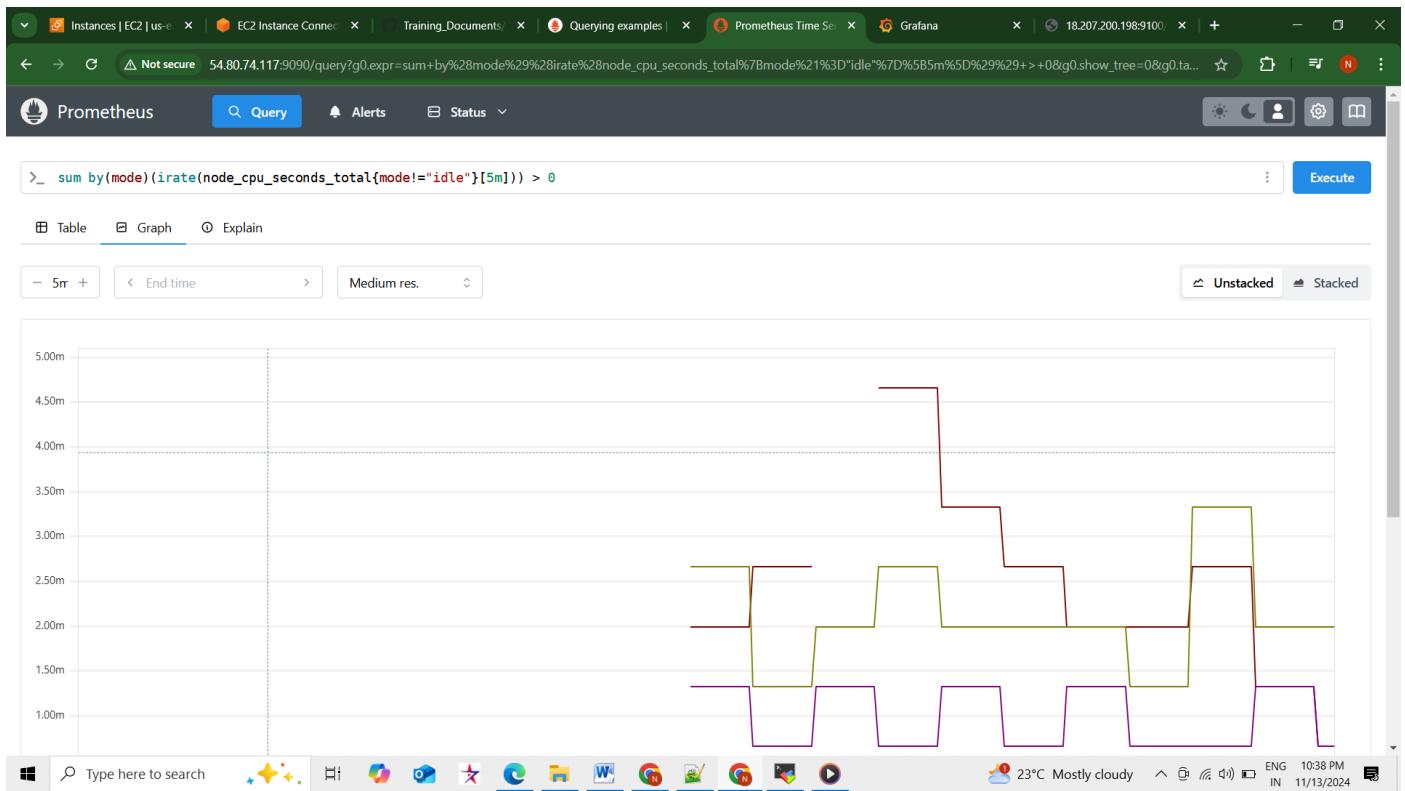
Node Exporter

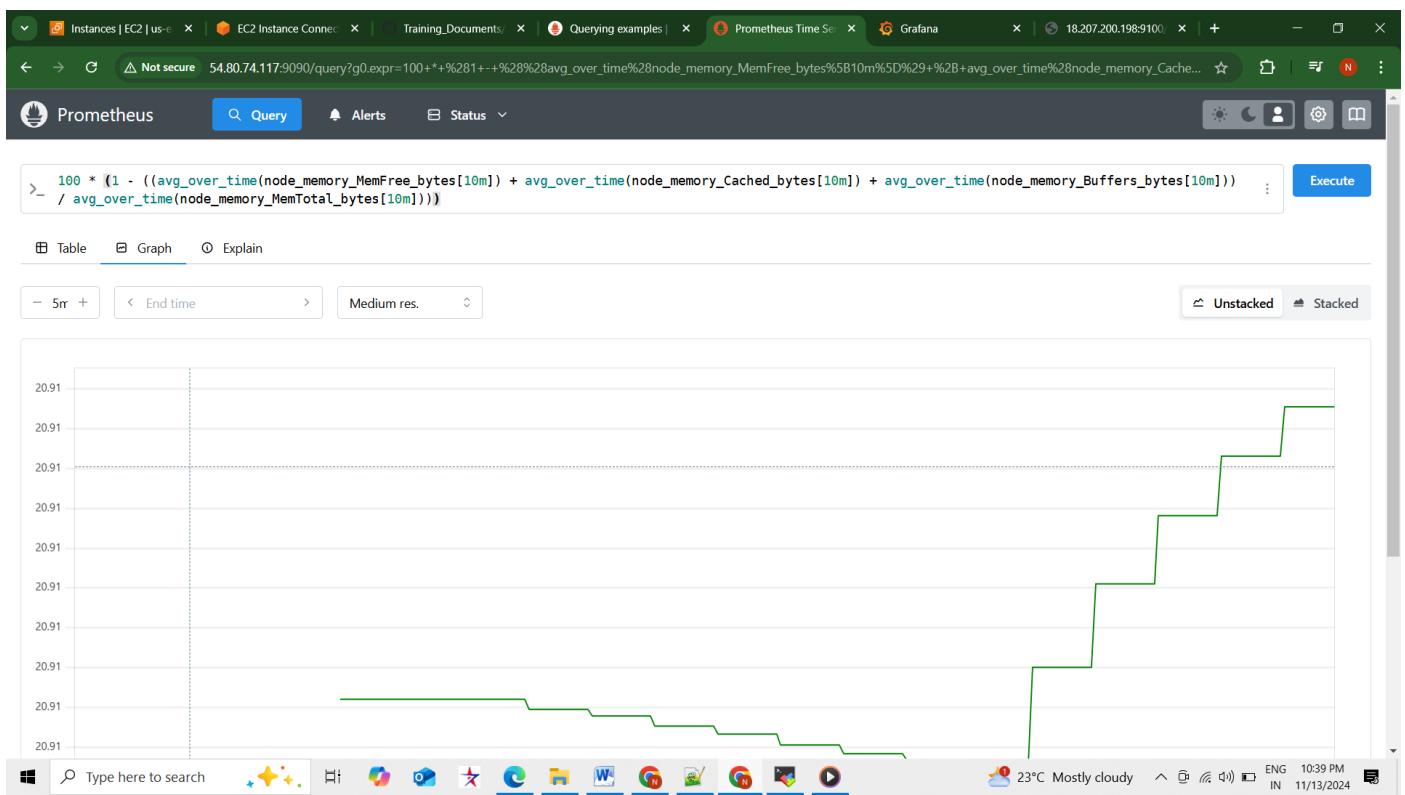
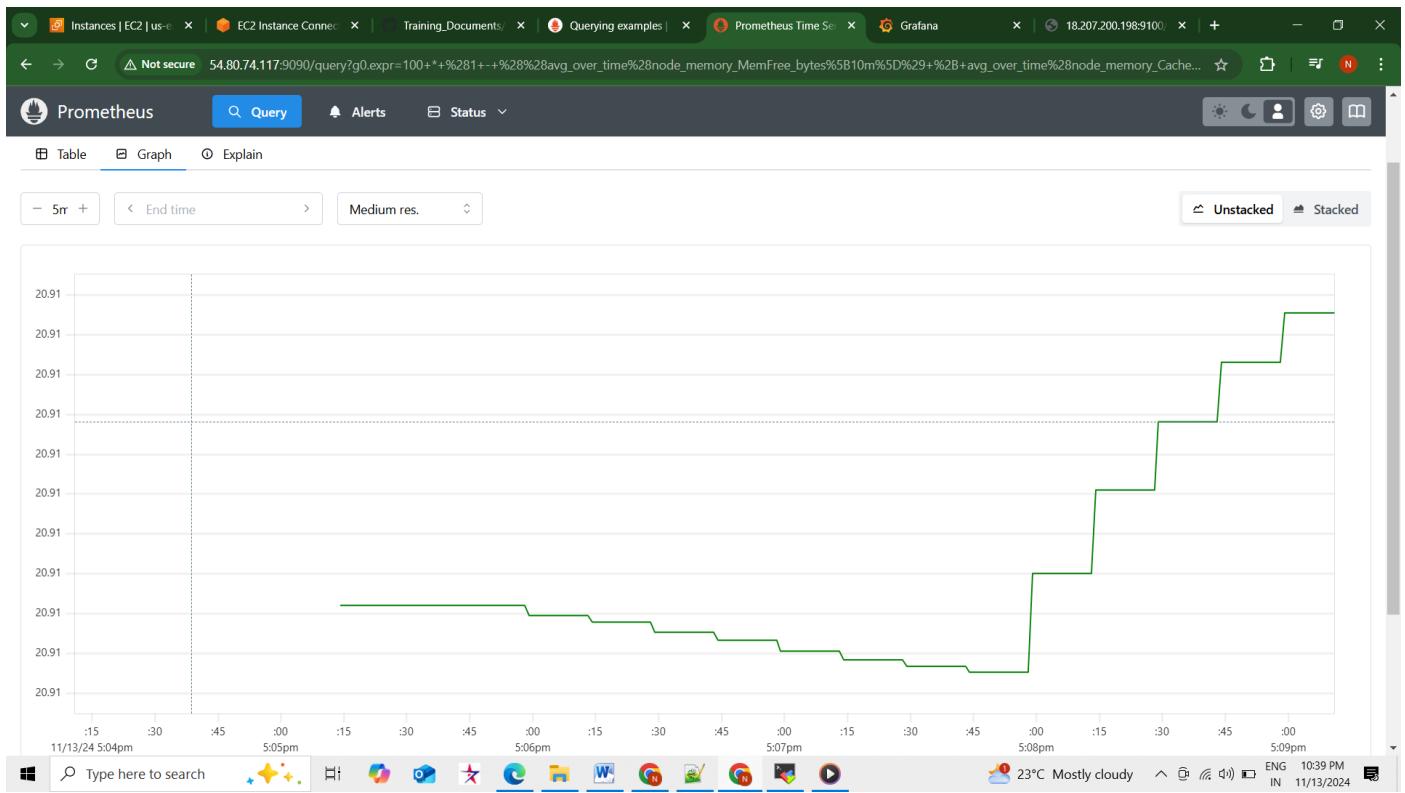
Prometheus Node Exporter

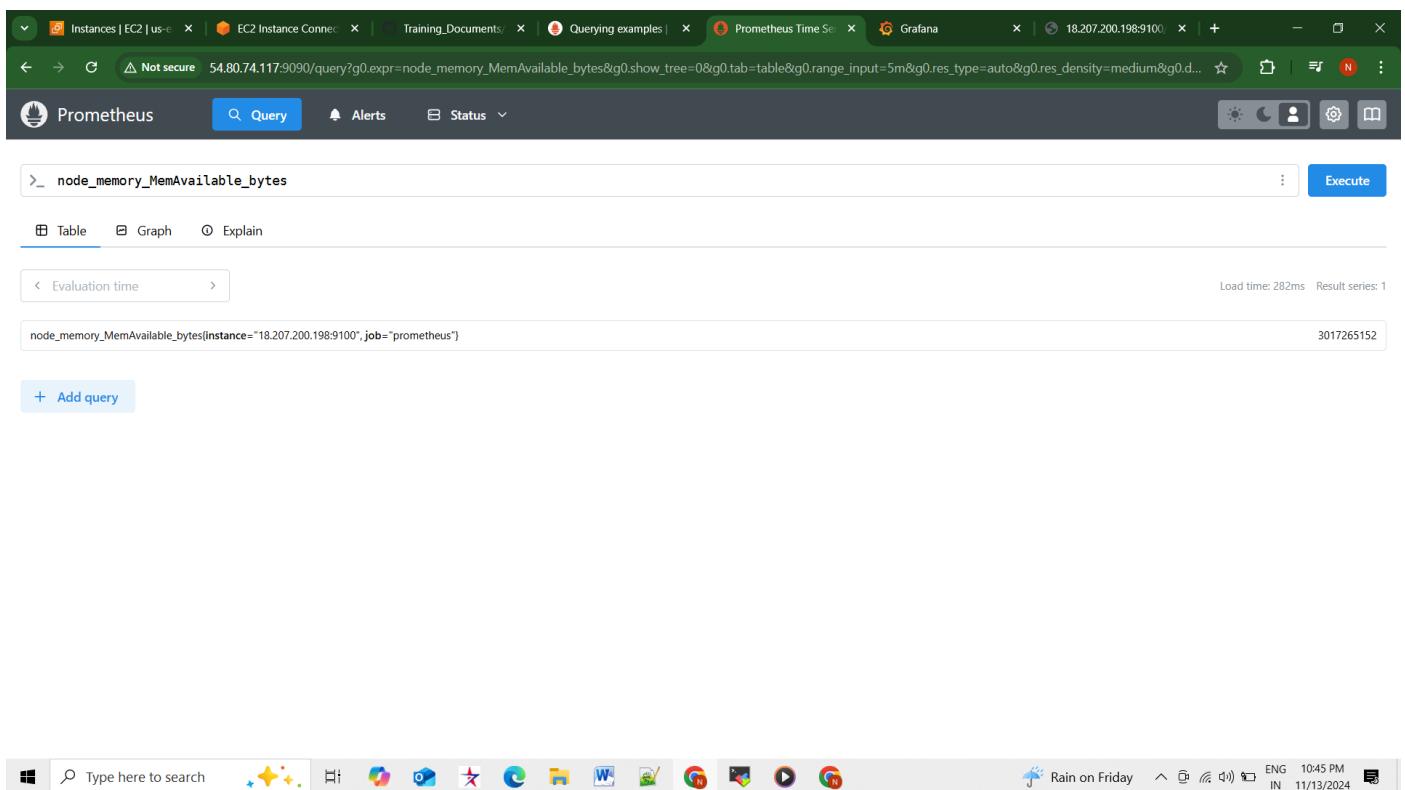
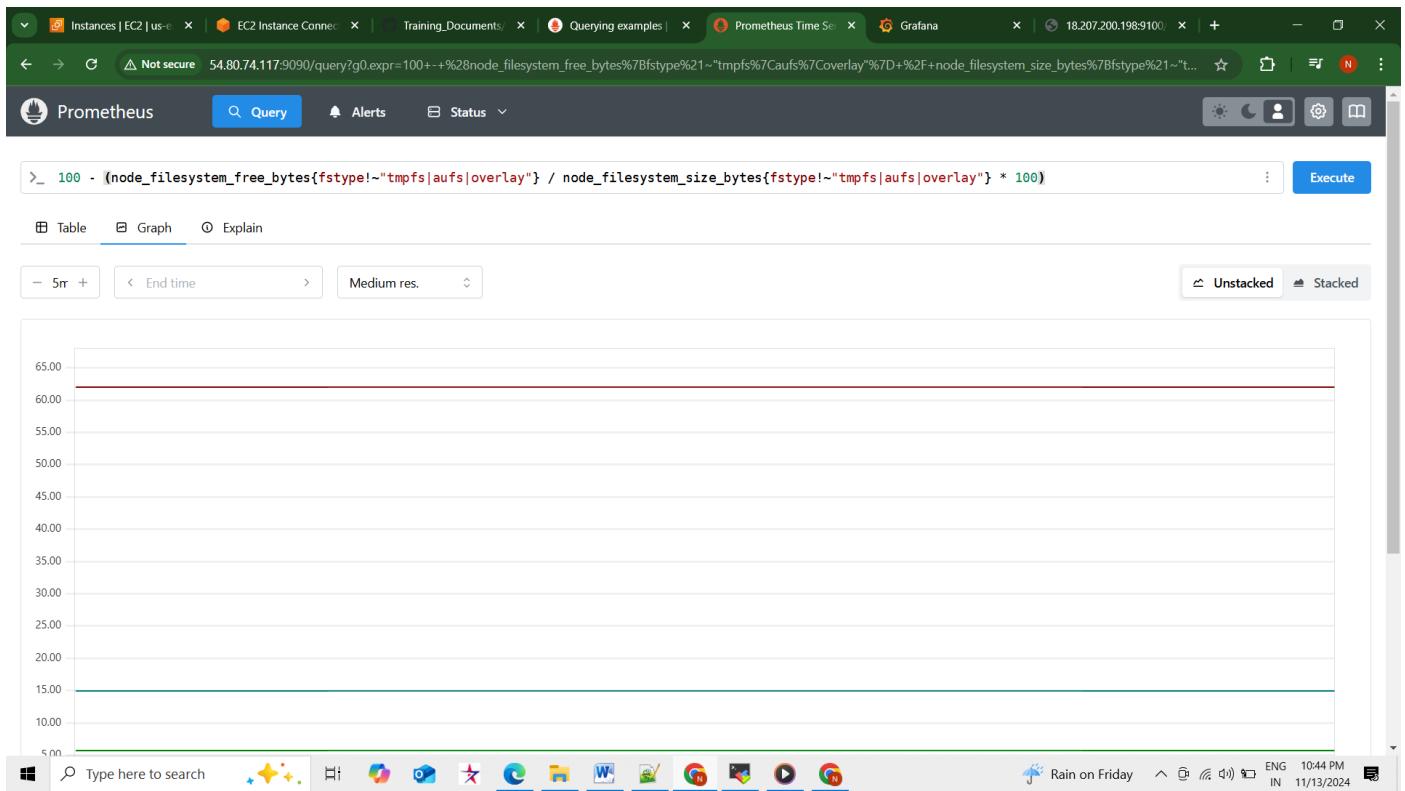
Version: (version=1.8.2, branch=HEAD, revision=f1e0e8360aa60b6cb5e5cc1560bed348fc2c1895)

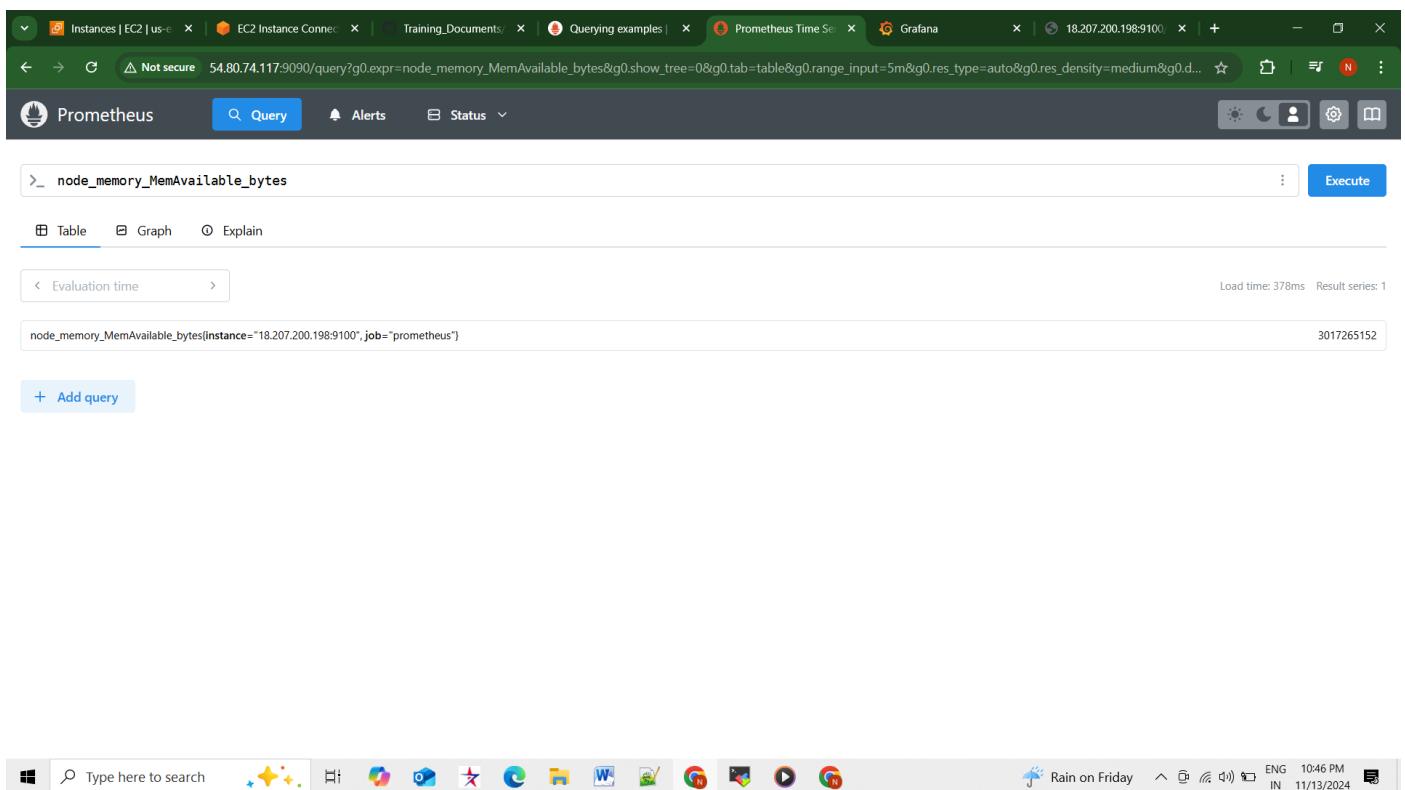
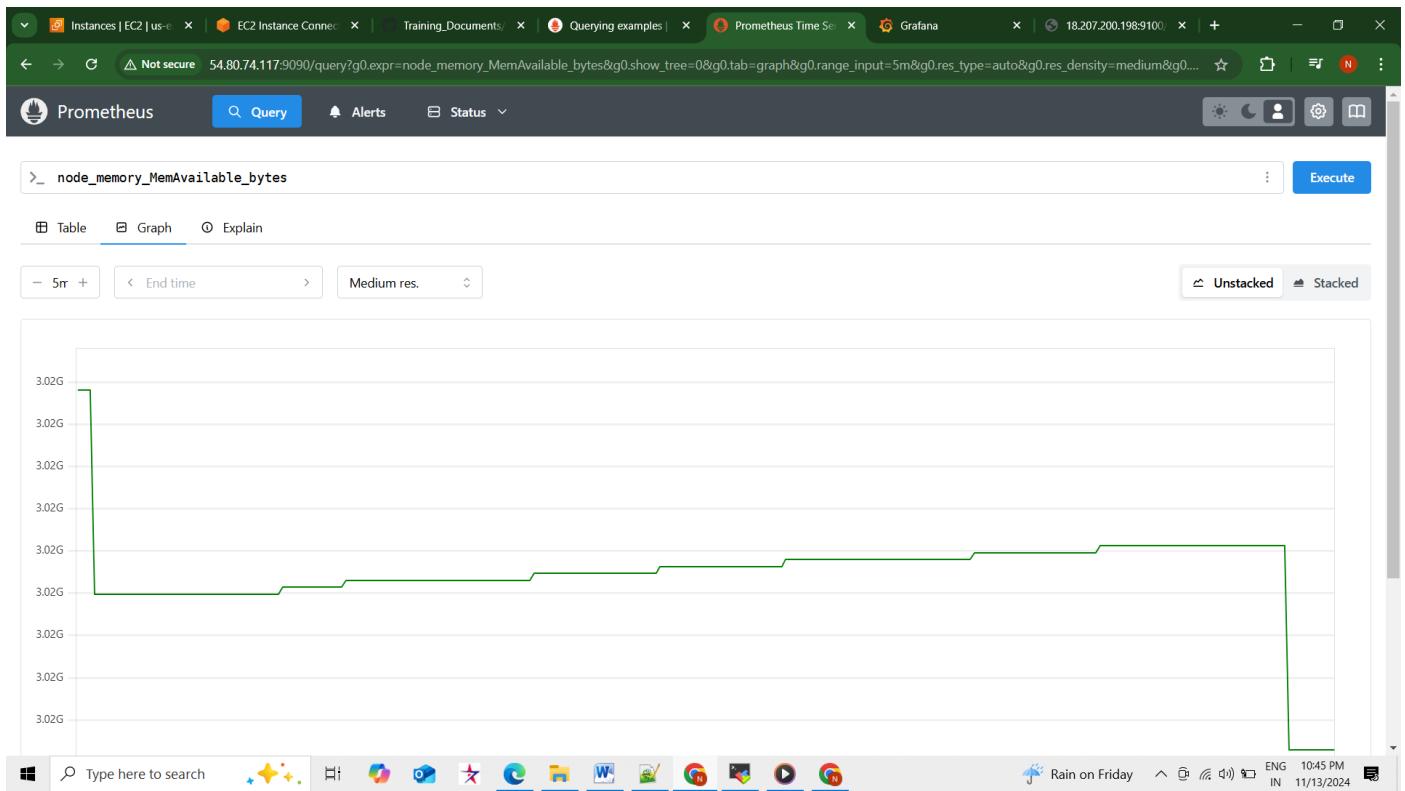
Metrics

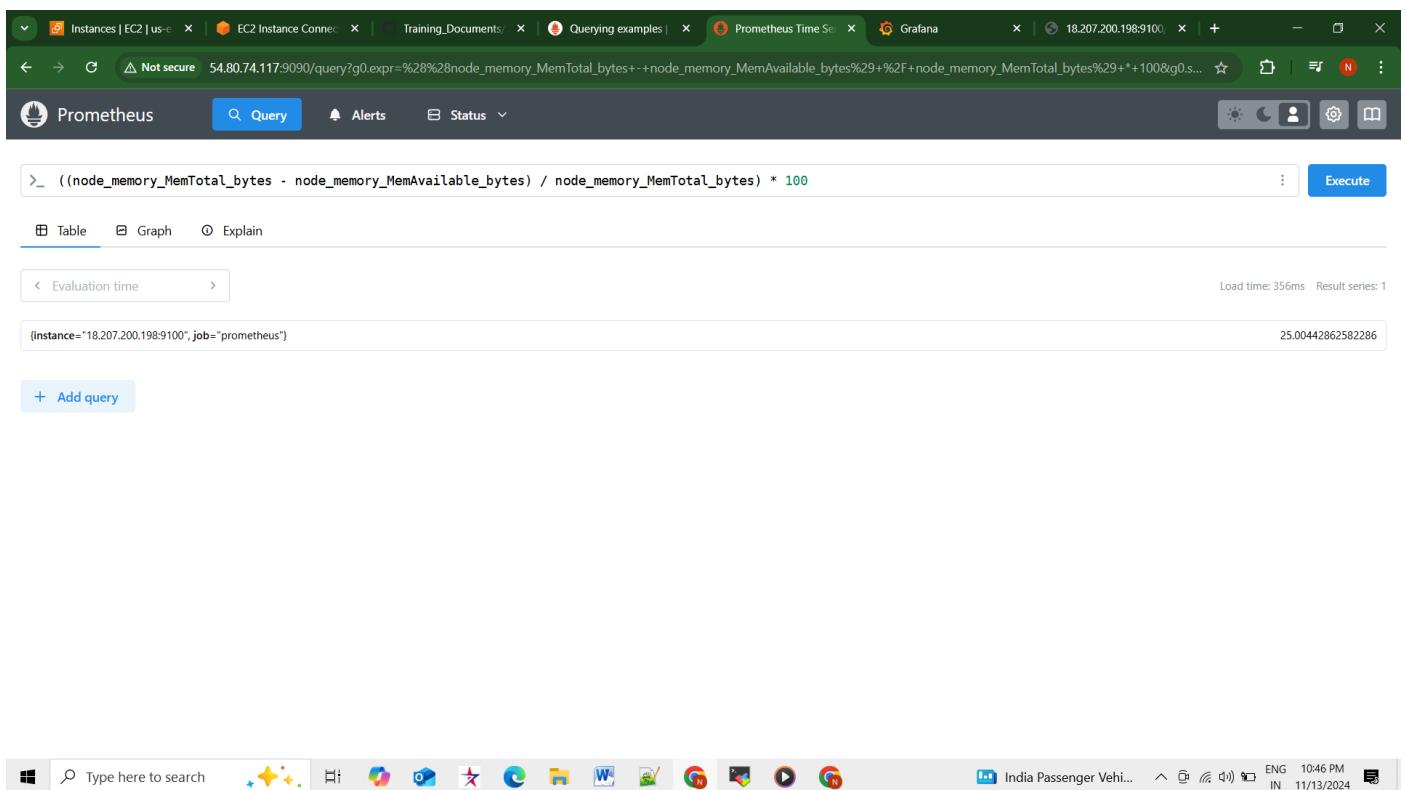
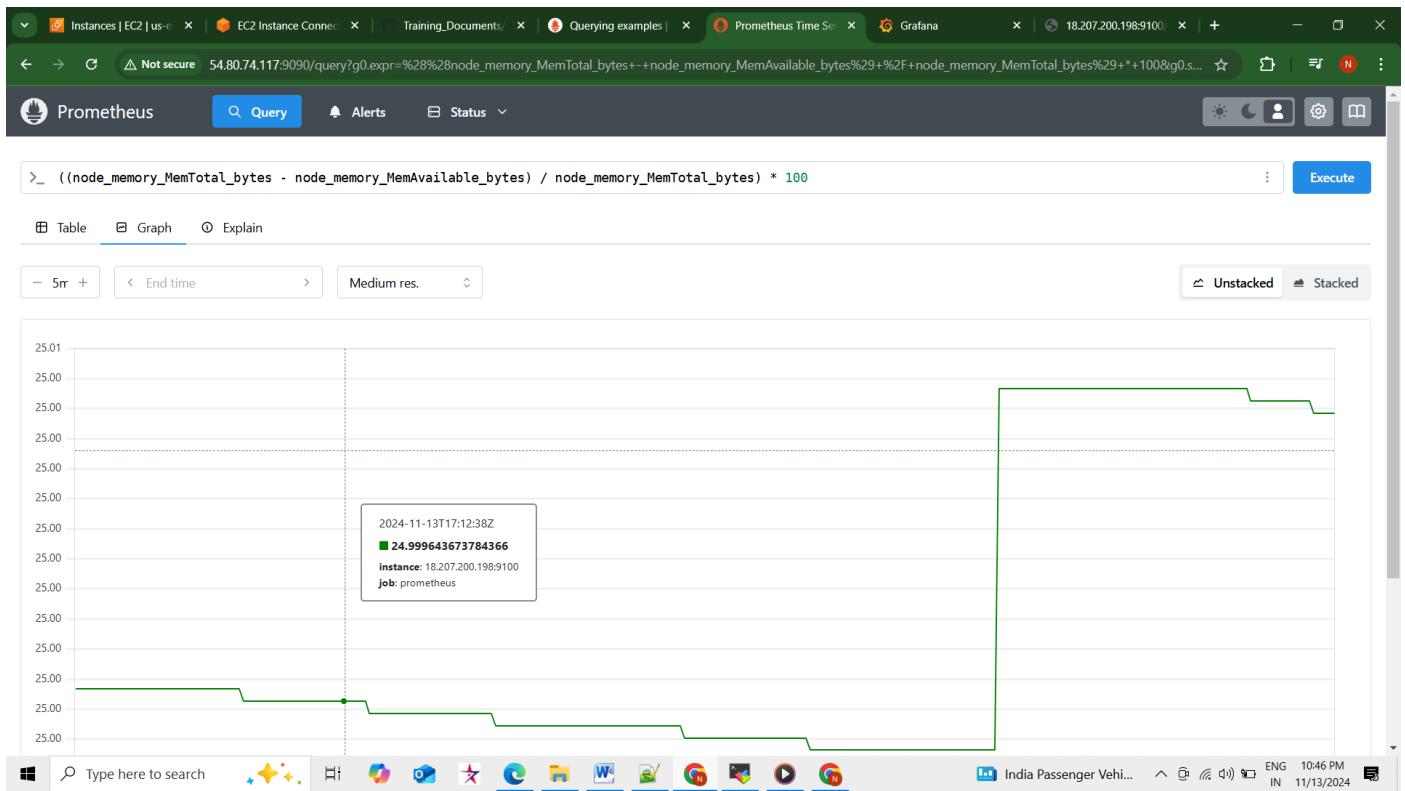


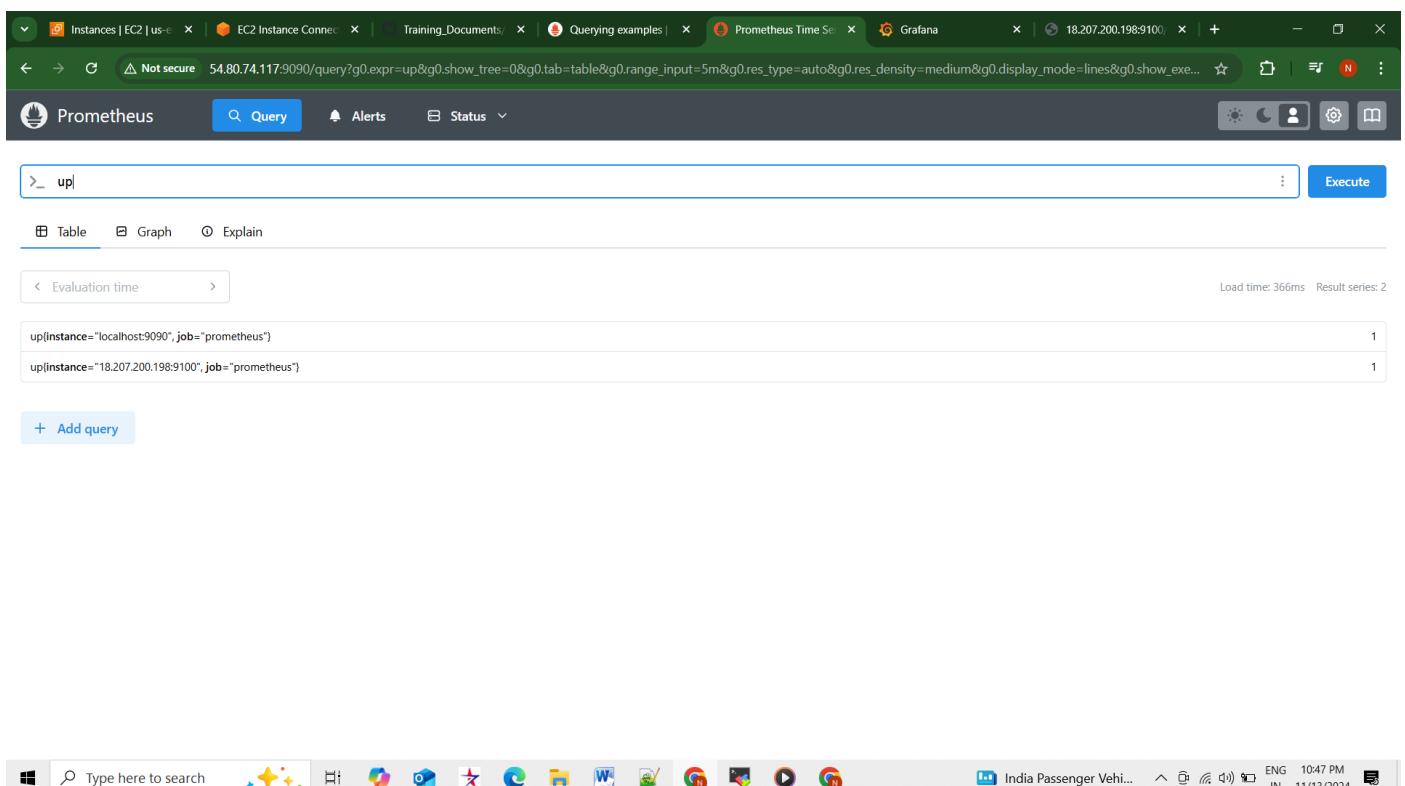
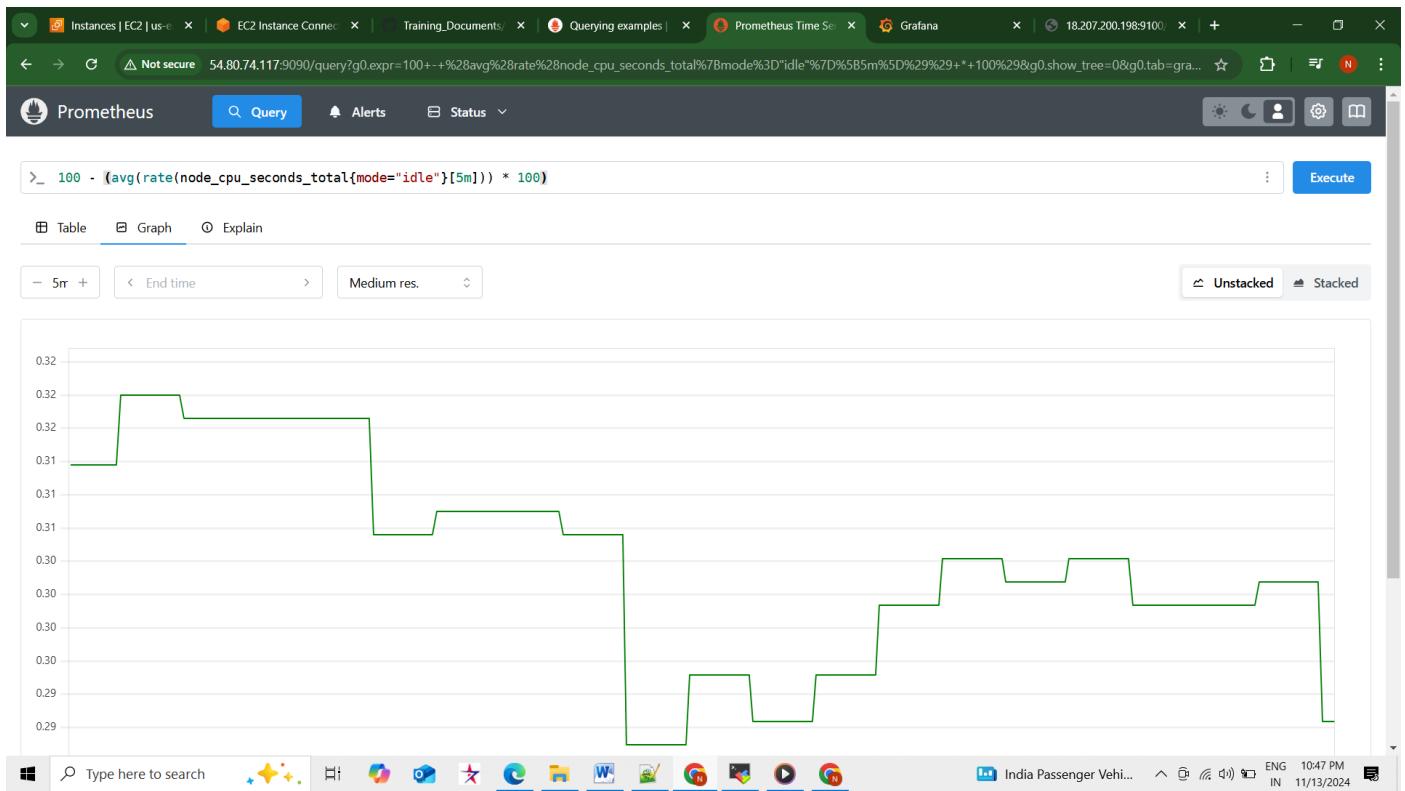










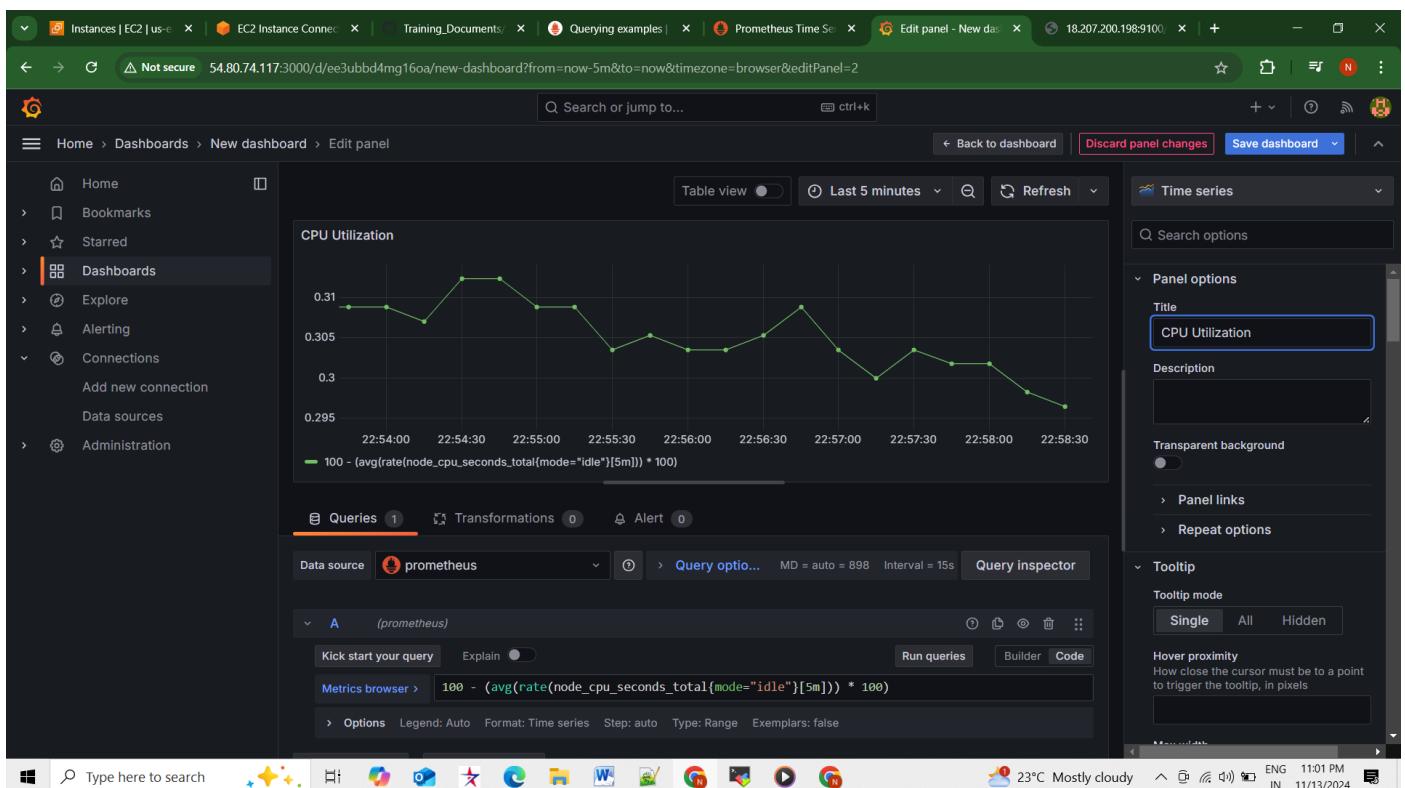
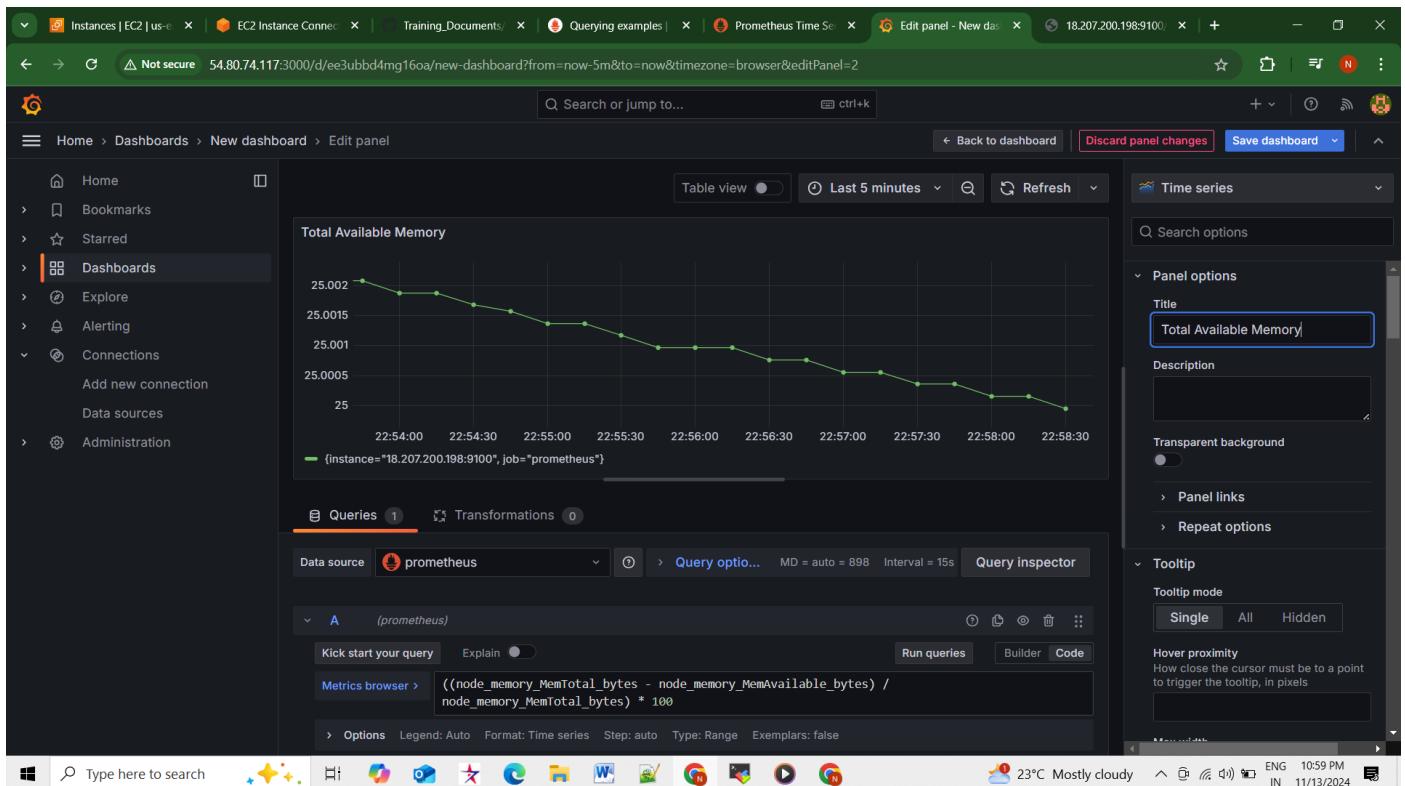


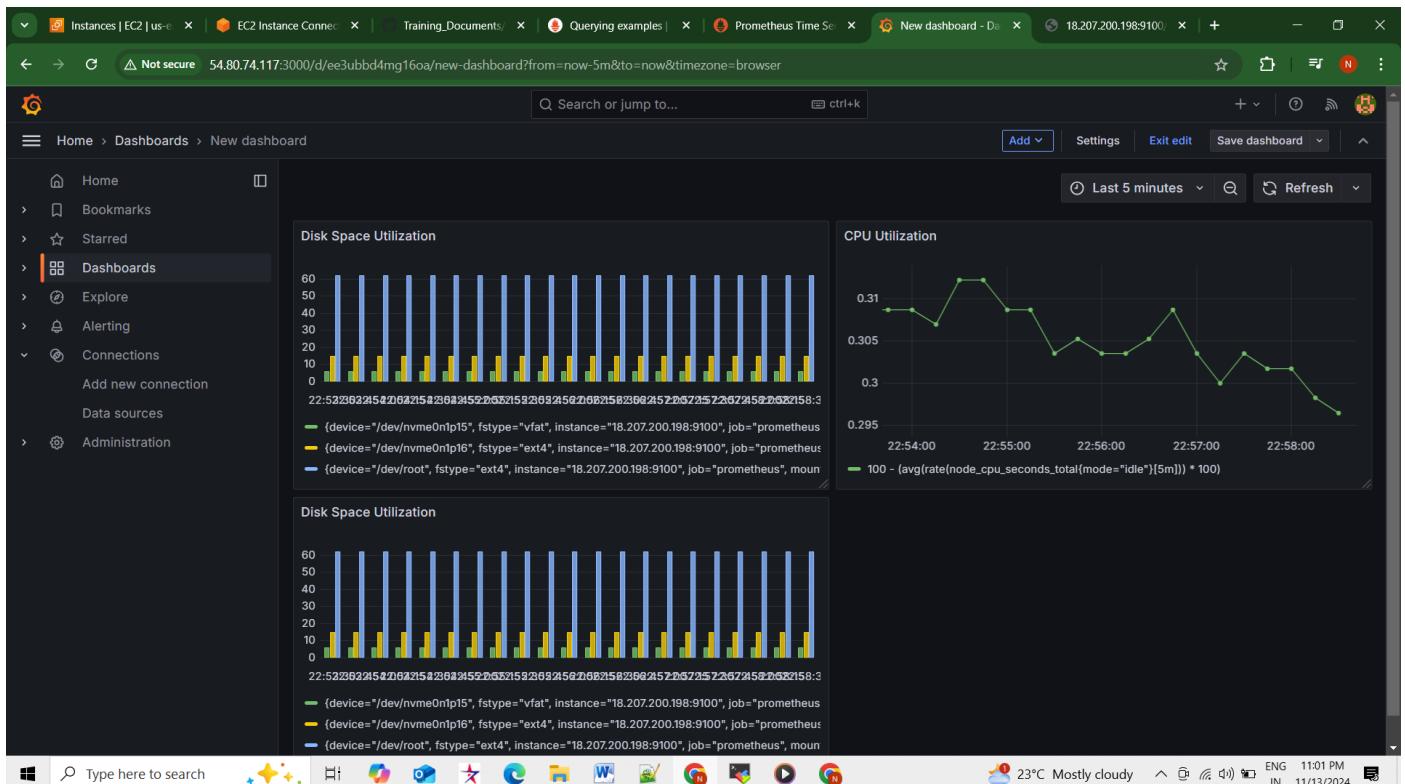
The screenshot shows the Grafana interface with the URL `54.80.74.117:3000/connections/datasources/edit/ce3uaaj37ojgu8e`. The left sidebar is open, showing navigation options like Home, Bookmarks, Starred, Dashboards, Explore, Alerting, Connections (selected), Data sources (selected), and Administration. The main content area is titled "prometheus" and shows the "Settings" tab. The "Type" is listed as "Prometheus" and "Supported". A progress bar indicates "Loading ...". The bottom status bar shows system information: 23°C Mostly cloudy, ENG IN, 10:49 PM, and the date 11/13/2024.

This screenshot shows the same Grafana interface as above, but with more detailed configuration visible. In the "Settings" tab, the "Type" dropdown is set to "Prometheus". Under "Cache level", "Low" is selected. The "Incremental querying (beta)" and "Disable recording rules (beta)" toggles are off. In the "Other" section, "Custom query parameters" is set to "Example: max_source_resolution=5m&timeout=" and "HTTP method" is set to "POST". Below these, the "Exemplars" section has a "+ Add" button. A success message at the bottom states: "Successfully queried the Prometheus API. Next, you can start to visualize data by [building a dashboard](#), or by querying data in the [Explore view](#)". At the bottom, there are "Delete" and "Save & test" buttons. The status bar at the bottom remains the same as in the first screenshot.

Screenshot of the Grafana interface showing the "Edit panel - New dashboard" screen. The left sidebar shows navigation to Home, Dashboards, Explore, Alerting, Connections, Data sources, and Administration. The main area displays a "Select data source" dialog with a search bar and a list of options: "prometheus" (selected), "default", "-- Mixed --", "-- Dashboard --", and "-- Grafana --". Below the dialog are buttons for "Open a new tab and configure a data source" and "Configure a new data source". At the bottom, there are search and refresh buttons, and a status bar showing the date and time.

Screenshot of the Grafana interface showing the "Edit panel - New dashboard" screen. The left sidebar shows navigation to Home, Bookmarks, Starred, Dashboards (selected), Explore, Alerting, Connections, Data sources, and Administration. The main area displays a "Panel Title" bar chart with three series: (device="/dev/nvme0n1p15", fstype="vfat", instance="18.207.200.198:9100", job="prometheus", mountpoint="/boot/efi"), (device="/dev/nvme0n1p16", fstype="ext4", instance="18.207.200.198:9100", job="prometheus", mountpoint="/boot"), and (device="/dev/root", fstype="ext4", instance="18.207.200.198:9100", job="prometheus", mountpoint="/"). The right sidebar contains "Panel options" (Title: Panel Title, Description, Transparent background) and "Bar chart" settings (X Axis: First string or time field, Orientation: Auto, Rotate x-axis tick labels). The bottom status bar shows the date and time.





The screenshot shows a GitHub commit page for a file named "ansible-playbook.yml". The commit was made by user "shubhamkushwah123" and adjusted for selenium implementation and updated testcases. The commit was made 2 years ago by user "c8ab324".

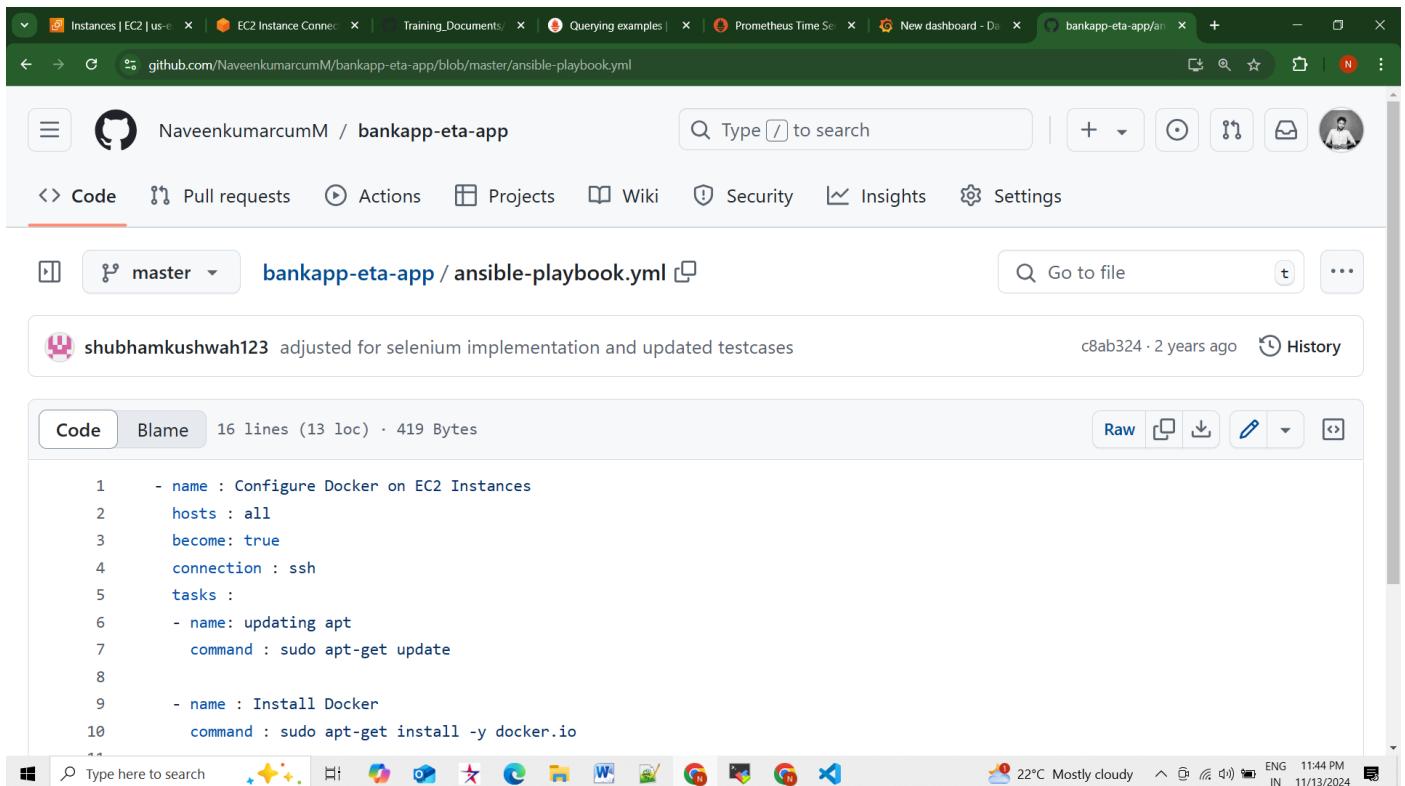
Code:

```

1 - name : Configure Docker on EC2 Instances
2   hosts : all
3   become: true
4   connection : ssh
5   tasks :
6     - name: updating apt
7       command : sudo apt-get update
8
9     - name : Install Docker
10    command : sudo apt-get install -y docker.io
11
12    - name : Start Docker Service
13      command : sudo systemctl start docker
14
15    - name: Deploy Docker Container
16      command: docker run -itd -p 8084:8081 shubhamkushwah123/finance-me:1.0

```

Windows taskbar icons include File Explorer, Edge, File Manager, Task View, Start, Taskbar settings, and a system tray icon.



NaveenkumarcumM / bankapp-eta-app

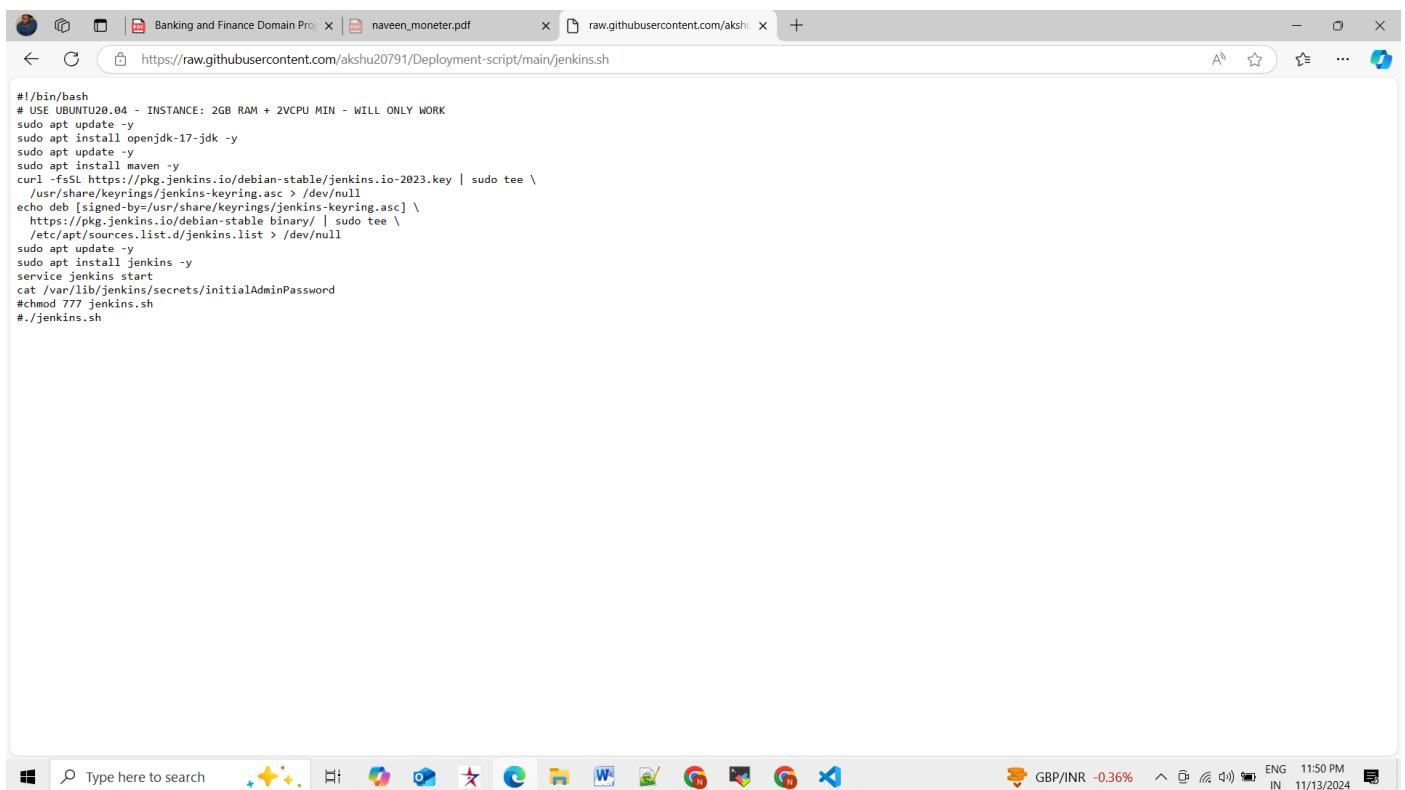
Code Pull requests Actions Projects Wiki Security Insights Settings

master / bankapp-eta-app / ansible-playbook.yml

shubhamkushwah123 adjusted for selenium implementation and updated testcases · c8ab324 · 2 years ago · History

Code Blame 16 lines (13 loc) · 419 Bytes

```
1 - name : Configure Docker on EC2 Instances
2 hosts : all
3 become: true
4 connection : ssh
5 tasks :
6 - name: updating apt
7   command : sudo apt-get update
8
9 - name : Install Docker
10  command : sudo apt-get install -y docker.io
```



naveen_moneter.pdf · raw.githubusercontent.com/akshu20791/Deployment-script/main/jenkins.sh

```
#!/bin/bash
# USE UBUNTU20.04 - INSTANCE: 2GB RAM + 2VCPU MIN - WILL ONLY WORK
sudo apt update -y
sudo apt install openjdk-17-jdk -y
sudo apt update -y
sudo apt install maven -y
curl -fsSL https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key | sudo tee \
  /usr/share/keyrings/jenkins-keyring.asc > /dev/null
echo deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] \
  https://pkg.jenkins.io/debian-stable binary/ | sudo tee \
  /etc/apt/sources.list.d/jenkins.list > /dev/null
sudo apt update -y
sudo apt install jenkins -y
service jenkins start
cat /var/lib/jenkins/secrets/initialAdminPassword
chmod 777 jenkins.sh
./jenkins.sh
```