

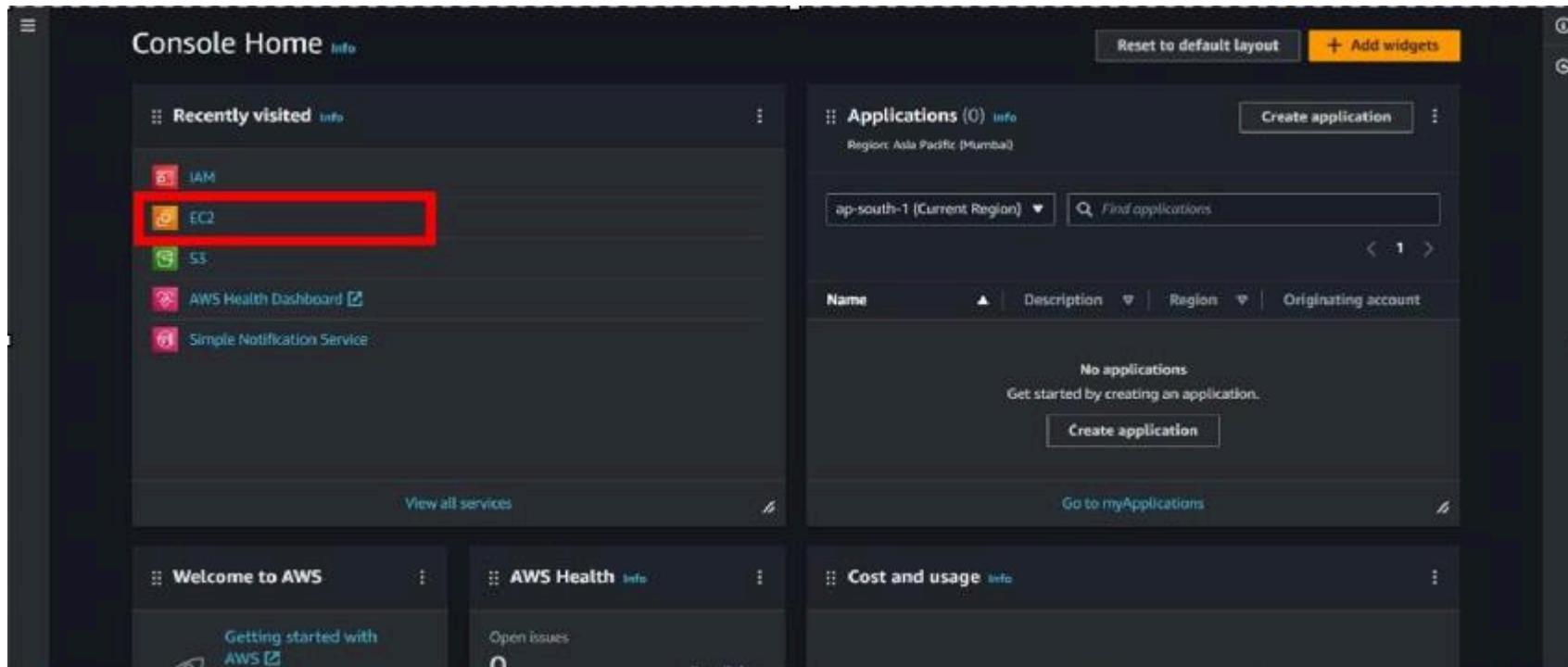
Project 3

Integrate Grafana with Linux Server for high cpu utilization and create a graph in Grafana.

Sign in to AWS Management Console

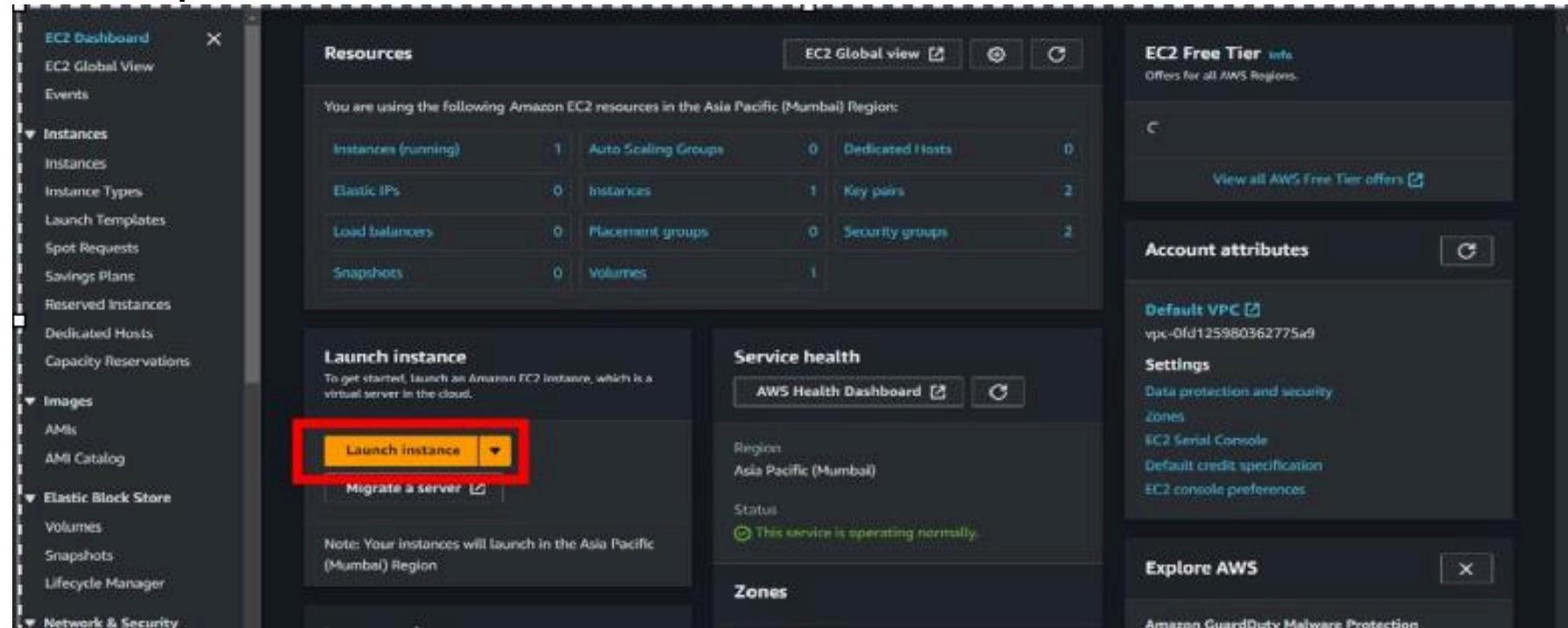
1. Click on the Open Console button, and you will get redirected to AWS Console in a new browser tab.
 - On the AWS sign-in page, Leave the Account ID as default. Never edit/remove the 12-digit Account ID present in the AWS Console. otherwise, you cannot proceed with the lab.

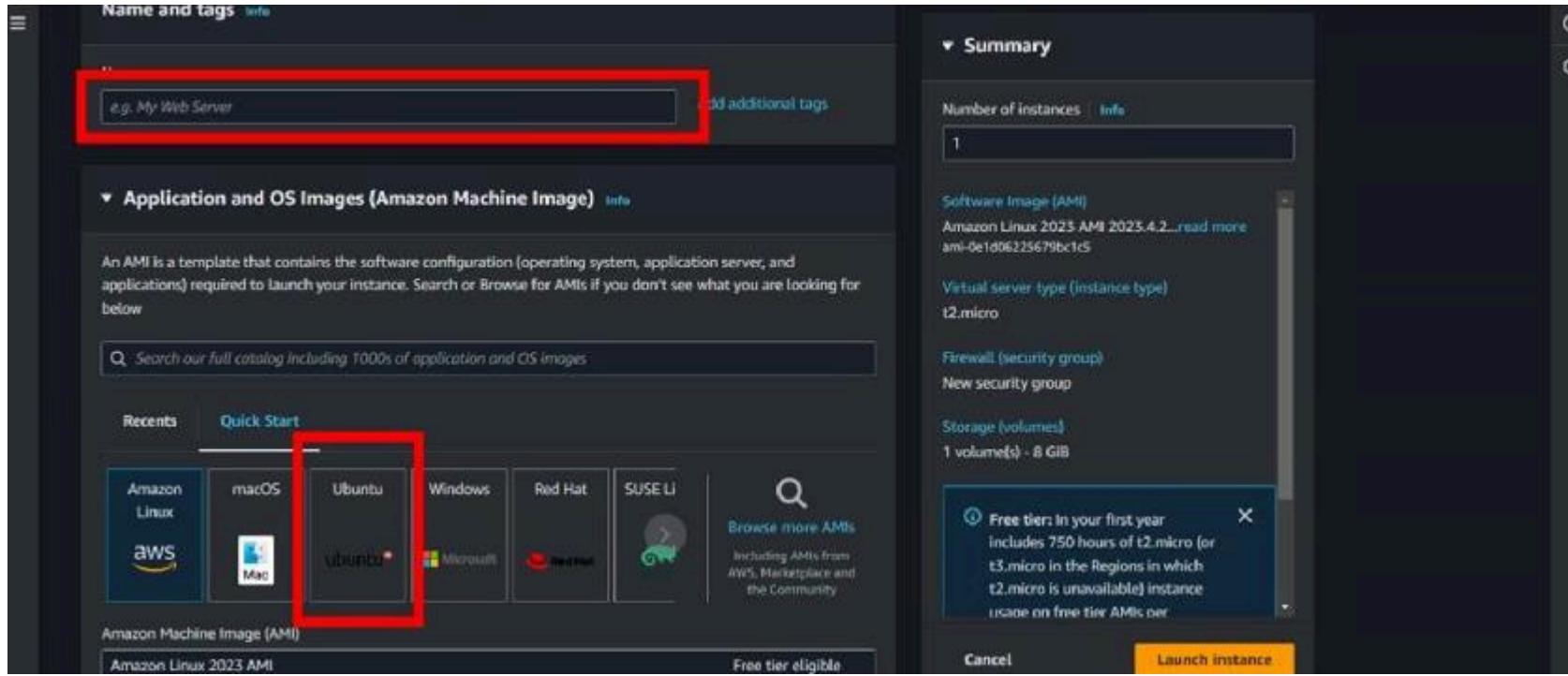
- Now copy your User Name and Password in the Lab Console to the IAM Username and Password in AWS Console and click on the Sign in button.
2. Once Signed in to the AWS Management Console, Make the default AWS Region as US East (N. Virginia) us-east-1.



Create an EC2 Instance(ubuntu):

- For creating an EC2 instance follow the following steps as shown in snapshots.





- Provide the EC2 name of your choice and select "Ubuntu" as an OS Image.

The screenshot shows the AWS Lambda console interface. On the left, there's a sidebar with navigation links like 'Lambda Home', 'Functions', 'Logs', 'Metrics', 'Actions', and 'APIs'. The main area has a title 'Create new function' at the top. Below it, there are several configuration sections:

- Function name:**
- Runtime:**
- Memory size:** MB
- Timeout:** ms
- Handler:**
- Role:**
- Code source:**
- Environment variables:** A table with columns 'Name' and 'Value'.
- Tags:** A table with columns 'Key' and 'Value'.

At the bottom right, there are two large buttons: 'Create function' and 'Cancel'.

- Create a new key pair.

Launch an instance | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:

aws Services Search [Alt+S]

All generations

Create key pair

Key pair name
Key pairs allow you to connect to your instance securely.
jaykeypair

The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type

- RSA RSA encrypted private and public key pair
- ED25519 ED25519 encrypted private and public key pair

Private key file format

- .pem For use with OpenSSH
- .ppk For use with PuTTY

⚠️ When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. [Learn more](#)

Cancel Create key pair

Network | Info vpc-0fd125980362775a9 Subnet | Info No preference (Default subnet in any availability zone) Auto-assign public IP | Info Enable

CloudShell Feedback

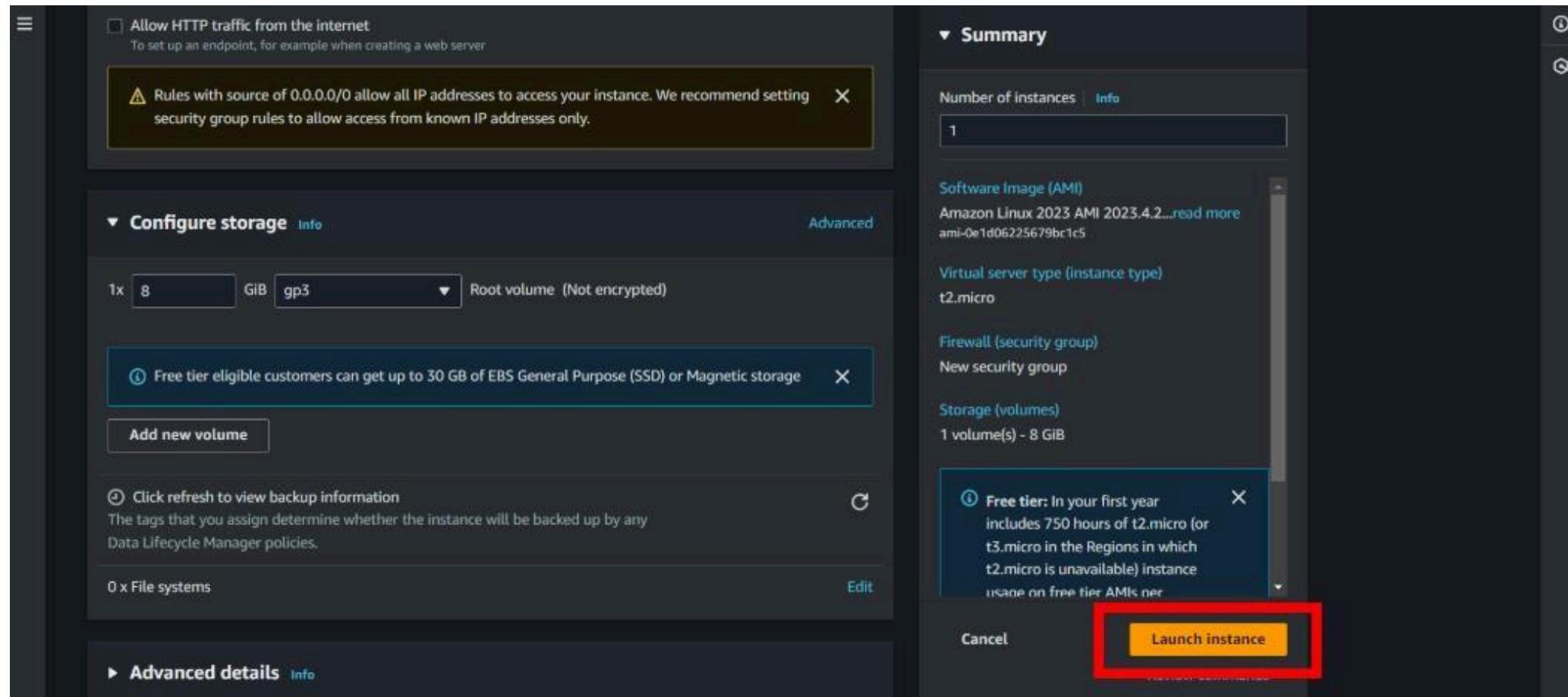
32°C Haze

Search

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

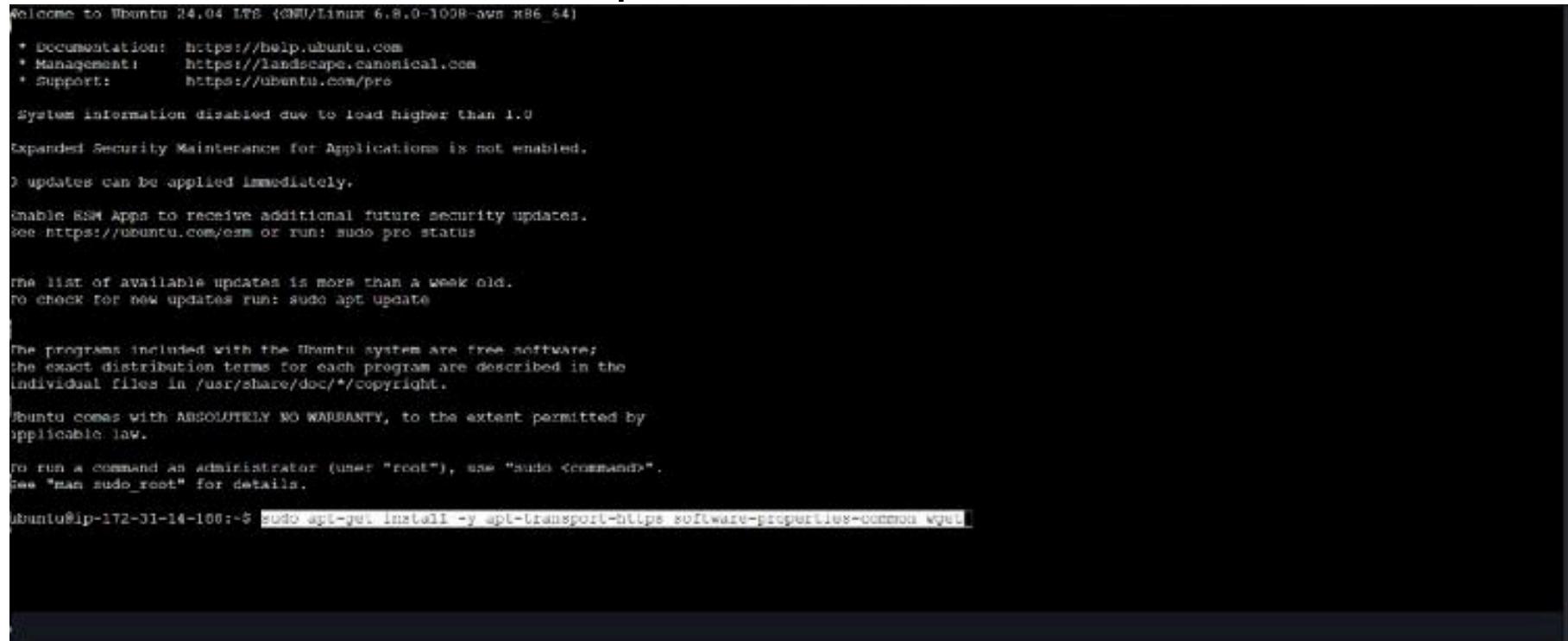
ENG IN 7:11 19-06-2024 PRE

- Scroll down and click on “LAUNCH INSTANCE”.



- Then open your instance and connect that instance by putty or on web browser.

- After connecting the instance follow the given command or read Grafana documentation for help.



```
Welcome to Ubuntu 24.04 LTS (GNU/Linux 6.8.0-1008-aws x86_64)

 * Documentation: https://help.ubuntu.com
 * Management: https://landscape.canonical.com
 * Support: https://ubuntu.com/pro

System information disabled due to load higher than 1.0

Expanded Security Maintenance for Applications is not enabled.

2 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/*copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-14-100:~$ sudo apt-get install -y apt-transport-https software-properties-common wget
```

sudo apt-get install -y apt-transport-https software-properties-common wget

```
Expanded Security Maintenance for Applications is not enabled.  
0 updates can be applied immediately.  
Enable ESM Apps to receive additional future security updates.  
See https://ubuntu.com/esm or run: sudo pro status  
  
The list of available updates is more than a week old.  
To check for new updates run: sudo apt update  
  
The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*copyright.  
  
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.  
  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
ubuntu@ip-172-31-14-100:~$ sudo apt-get install -y apt-transport-https software-properties-common wget  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
Note, selecting 'apt' instead of 'apt-transport-https'  
apt is already the newest version (2.7.14build2).  
apt set to manually installed.  
software-properties-common is already the newest version (0.99.48).  
software-properties-common set to manually installed.  
wget is already the newest version (1.21.4-1ubuntu4).  
wget set to manually installed.  
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.  
ubuntu@ip-172-31-14-100:~$ sudo mkdir -p /etc/apt/keyrings/  
wget -q -O - https://apt.grafana.com/gpg.key | gpg --dearmor | sudo tee /etc/apt/keyrings/grafana.gpg > /dev/null
```

sudomkdir -p /etc/apt/keyrings/wget -q -O - https://apt.grafana.com/gpg.key | gpg --dearmor | sudo tee /etc/apt/keyrings/grafana.gpg> /dev/null

```
0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-14-188:~$ sudo apt-get install -y apt-transport-https software-properties-common wget
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Note, selecting 'apt' instead of 'apt-transport-https'
apt is already the newest version (2.7.14build2).
apt set to manually installed,
software-properties-common is already the newest version (0.99.48).
software-properties-common set to manually installed.
wget is already the newest version (1.21.4-1ubuntu4).
wget set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
ubuntu@ip-172-31-14-188:~$ sudo mkdir -p /etc/apt/keyrings/
wget -q -O - https://apt.grafana.com/gpg.key | gpg --dearmor | sudo tee /etc/apt/keyrings/grafana.gpg > /dev/null
ubuntu@ip-172-31-14-188:~$ echo "deb [signed-by=/etc/apt/keyrings/grafana.gpg] https://apt.grafana.com stable main" | sudo tee -a /etc/apt/sources.list.d/grafana.list
```

echo "deb [signed-by=/etc/apt/keyrings/grafana.gpg] https://apt.grafana.com stable main" | sudo tee -a /etc/apt/sources.list.d/grafana.list

```
See https://ubuntu.com/csm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-14-188:~$ sudo apt-get install -y apt-transport-https software-properties-common wget
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Note, selecting 'apt' instead of 'apt-transport-https'
apt is already the newest version (2.7.14build2).
apt set to manually installed.
software-properties-common is already the newest version (0.99.48).
software-properties-common set to manually installed.
wget is already the newest version (1.21.4-1ubuntu4).
wget set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
ubuntu@ip-172-31-14-188:~$ sudo mkdir -p /etc/apt/keyrings/
wget -q -O - https://apt.grafana.com/gpg.key | gpg --dearmor | sudo tee /etc/apt/keyrings/grafana.gpg > /dev/null
ubuntu@ip-172-31-14-188:~$ echo "deb [signed-by=/etc/apt/keyrings/grafana.gpg] https://apt.grafana.com stable main" | sudo tee -a /etc/apt/sources.list.d/grafana.list
deb [signed-by=/etc/apt/keyrings/grafana.gpg] https://apt.grafana.com stable main
ubuntu@ip-172-31-14-188:~$ # Updates the list of available packages
sudo apt-get update
```

To updates the list of available packages
sudo apt-get update

```
get:22 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe Translation-en [25.1 kB]
get:23 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universo amd64 Components [45.0 kB]
get:24 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 c-n-f Metadata [112 B]
get:25 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [70.1 kB]
get:26 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [14.3 kB]
get:27 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
get:28 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Packages [2960 B]
get:29 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse Translation-en [968 B]
get:30 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [212 B]
get:31 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 c-n-f Metadata [116 B]
get:32 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [208 B]
get:33 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 c-n-f Metadata [112 B]
get:34 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packages [6840 B]
get:35 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe Translation-en [9652 B]
get:36 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [17.6 kB]
get:37 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 c-n-f Metadata [116 B]
get:38 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [216 B]
get:39 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 c-n-f Metadata [116 B]
get:40 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
get:41 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 c-n-f Metadata [116 B]
get:42 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [158 kB]
get:43 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [41.5 kB]
get:44 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [6876 B]
get:45 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [44.4 kB]
get:46 http://security.ubuntu.com/ubuntu noble-security/universe Translation-en [17.0 kB]
get:47 https://apt.grafana.com/stable/main amd64 Packages [250 kB]
get:48 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [8632 B]
get:49 http://security.ubuntu.com/ubuntu noble-security/universe amd64 c-n-f Metadata [112 B]
get:50 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [70.1 kB]
get:51 http://security.ubuntu.com/ubuntu noble-security/restricted Translation-en [14.3 kB]
get:52 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]
get:53 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [208 B]
get:54 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 c-n-f Metadata [116 B]
Fetched 29.4 MB in 6s (4962 kB/s)
Reading package lists... Done
ubuntu@ip-172-31-14-188:~$ sudo apt-get install grafana-enterprise
```

To installs the latest Enterprise release:
sudo apt-get install grafana-enterprise

```
Get:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 musl amd64 1.2.4-2 [416 kB]
Get:2 https://apt.grafana.com stable/main amd64 grafana-enterprise amd64 11.0.0 [120 kB]
Fetched 121 MB in 11s (10.5 MB/s)
Selecting previously unselected package musl:amd64.
(Reading database ... 71839 files and directories currently installed.)
Preparing to unpack .../musl_1.2.4-2_amd64.deb ...
Unpacking musl:amd64 (1.2.4-2) ...
Selecting previously unselected package grafana-enterprise.
Preparing to unpack .../grafana-enterprise_11.0.0_amd64.deb ...
Unpacking grafana-enterprise (11.0.0) ...
Setting up musl:amd64 (1.2.4-2) ...
Setting up grafana-enterprise (11.0.0) ...
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
Processing triggers for man-db (2.12.0-4build2) ...
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-172-31-14-188:~$ sudo systemctl start grafana-server
```

- *sudo systemctl start grafana-server*
- *sudo systemctl enable grafana-server.service*

```
Jun 18 15:11:38 ip-172-31-14-188 grafana[2028]: logger=provisioning.dashboard t=2024-06-18T15:11:38.331125089Z level=info msg="starting to provision dashboards"
Jun 18 15:11:38 ip-172-31-14-188 grafana[2028]: logger=provisioning.dashboard t=2024-06-18T15:11:38.331155154Z level=info msg="finished to provision dashboards"
Jun 18 15:11:38 ip-172-31-14-188 grafana[2028]: logger=http.server t=2024-06-18T15:11:38.380358573Z level=info msg="HTTP Server Listen" address=[::]:3000 protocol=>
Jun 18 15:11:38 ip-172-31-14-188 grafana[2028]: logger=sqlstore.transactions t=2024-06-18T15:11:38.493822724Z level=info msg="Database locked, sleeping then retrying"
Jun 18 15:11:38 ip-172-31-14-188 grafana[2028]: logger=sqlstore.transactions t=2024-06-18T15:11:38.516065191Z level=info msg="Database locked, sleeping then retrying"
Jun 18 15:11:38 ip-172-31-14-188 grafana[2028]: logger=plugins.update.checker t=2024-06-18T15:11:38.853932226Z level=info msg="Update check succeeded" duration=554ms
Jun 18 15:11:38 ip-172-31-14-188 grafana[2028]: logger=grafana.update.checker t=2024-06-18T15:11:38.874267515Z level=info msg="Update check succeeded" duration=580ms
Jun 18 15:11:39 ip-172-31-14-188 grafana[2028]: logger=plugin.angulardetectorsprovider.dynamic t=2024-06-18T15:11:39.007963038Z level=info msg="Patterns update finished"
Jun 18 15:11:39 ip-172-31-14-188 grafana[2028]: logger=grafana-apiserver t=2024-06-18T15:11:39.383980342Z level=info msg="Adding GroupVersion playlist.grafana.app > v1alpha1"
Jun 18 15:11:39 ip-172-31-14-188 grafana[2028]: logger=grafana-apiserver t=2024-06-18T15:11:39.384644464Z level=info msg="Adding GroupVersion featuretoggle.grafana > v1alpha1"
```

```
ubuntu@ip-172-31-14-188:~$ sudo systemctl enable grafana-server.service
Synchronizing state of grafana-server.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install enable grafana-server
Created symlink /etc/systemd/system/multi-user.target.wants/grafana-server.service → /usr/lib/systemd/system/grafana-server.service.
ubuntu@ip-172-31-14-188:~$ sudo systemctl status grafana-server
```

sudosystemctl status grafana-server.service

aws Services Search [Alt+S]

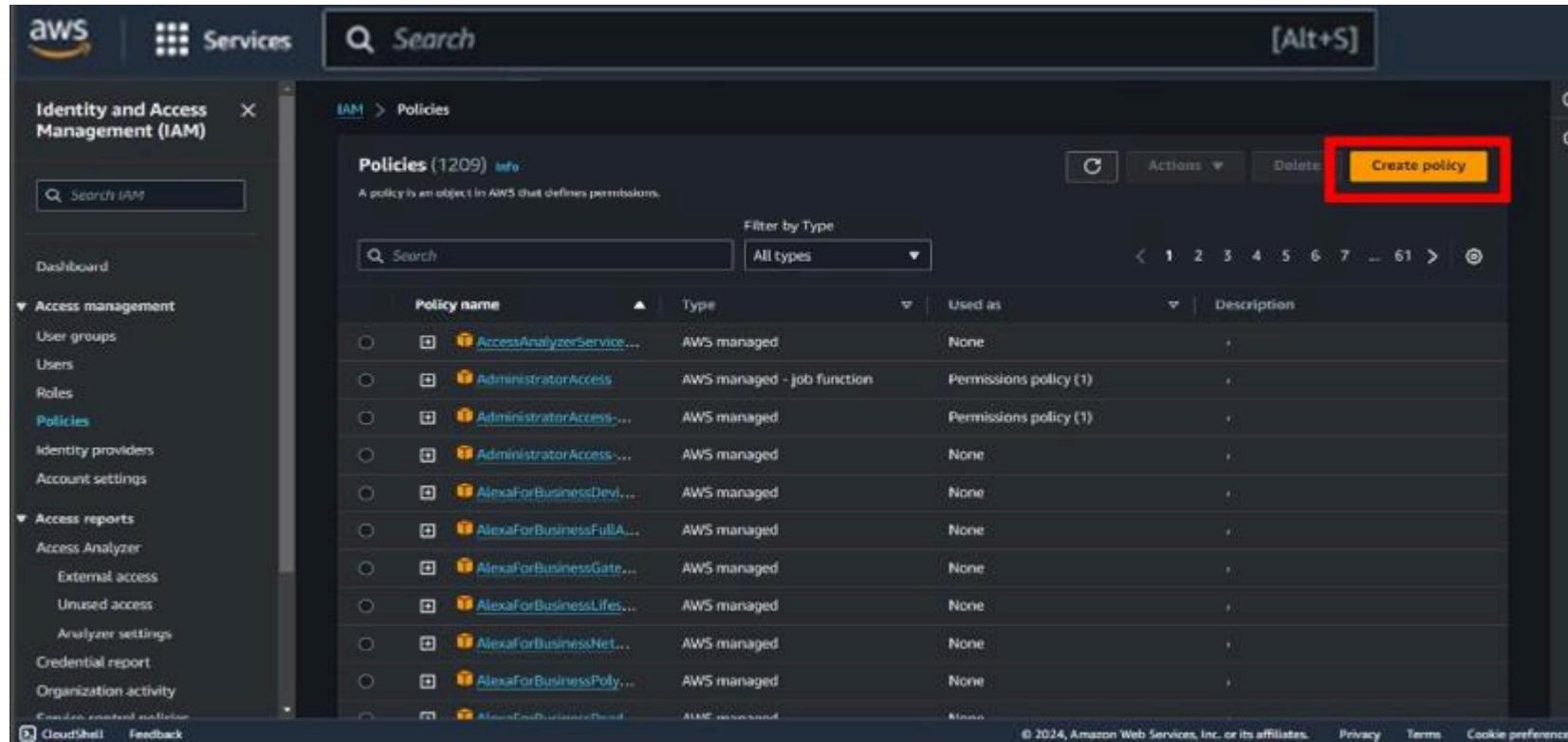
services need to be restarted.

containers need to be restarted.

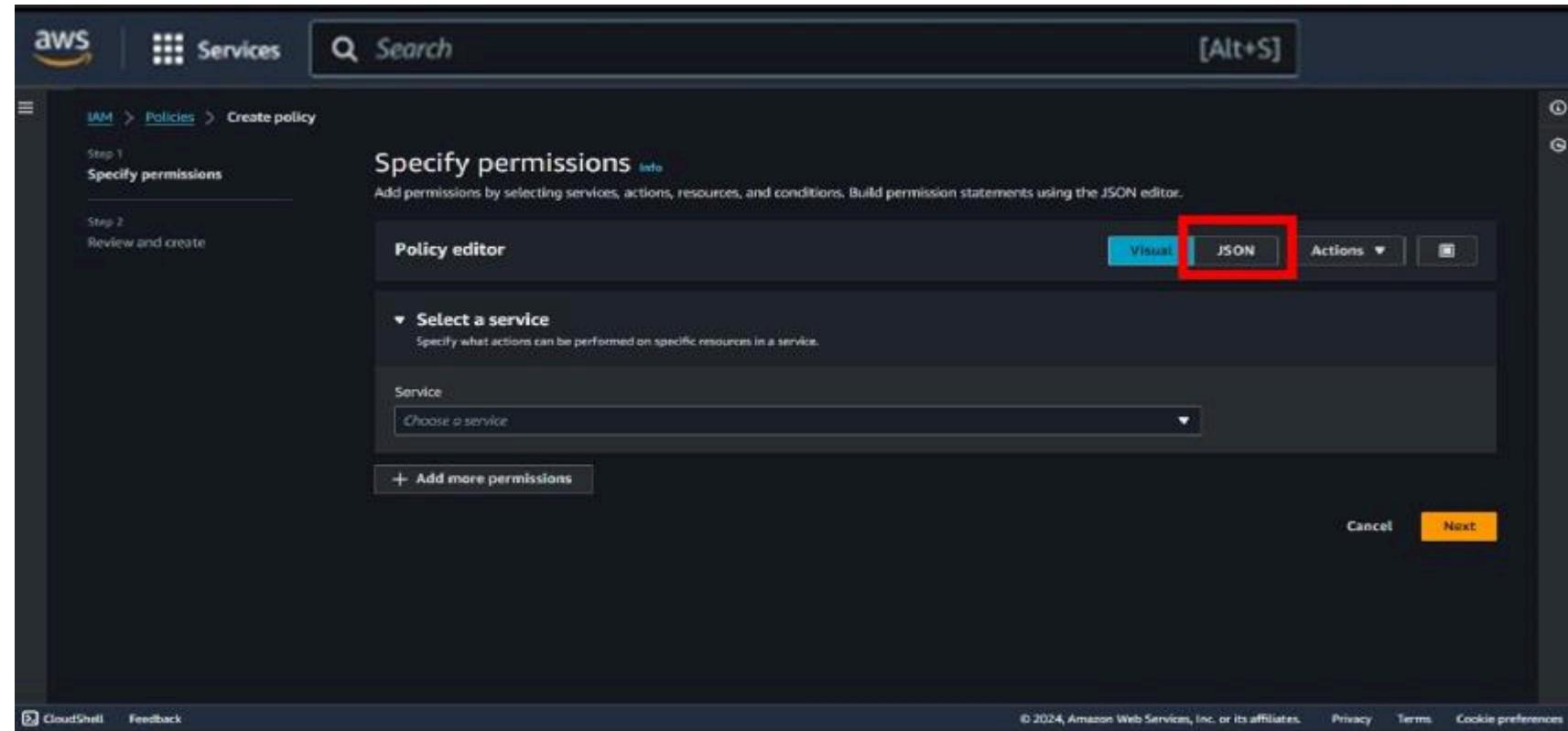
user sessions are running outdated binaries.

VM guests are running outdated hypervisor (qemu) binaries on this host.

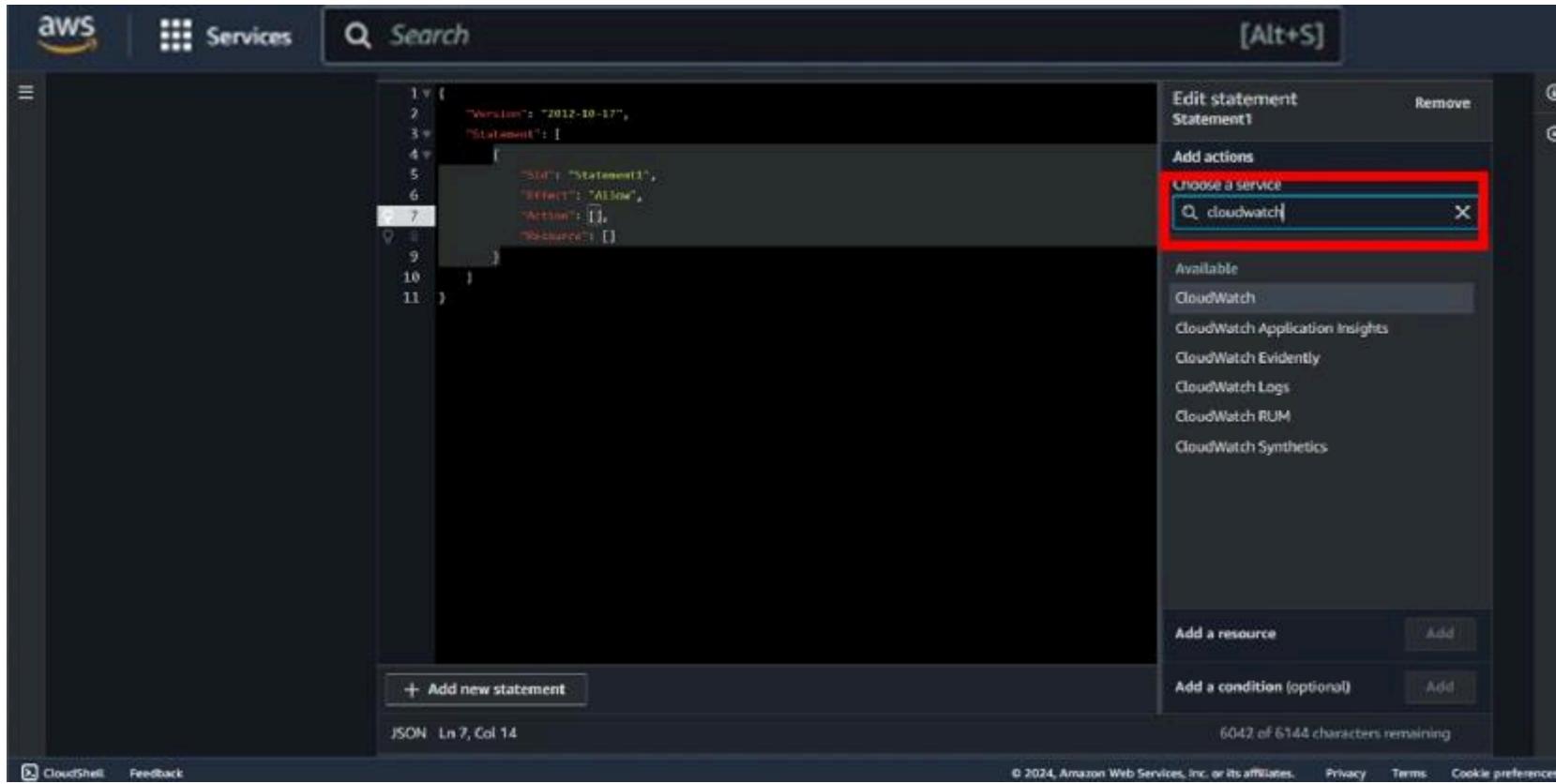
```
ubuntu@ip-172-31-14-188:~$ sudo systemctl start grafana-server
ubuntu@ip-172-31-14-188:~$ sudo systemctl status grafana-server
grafana-server.service - Grafana instance
   Loaded: loaded (/etc/systemd/system/grafana-server.service; disabled; preset: enabled)
   Active: active (running) since Tue 2024-06-18 15:11:29 UTC; 21s ago
     Docs: https://github.com/grafana/grafana/blob/main/docs/...
Main PID: 2028 (grafana)
   Tasks: 16 (limit: 1130)
  Memory: 88.9M (peak: 89.3M)
    CPU: 3.284s
```



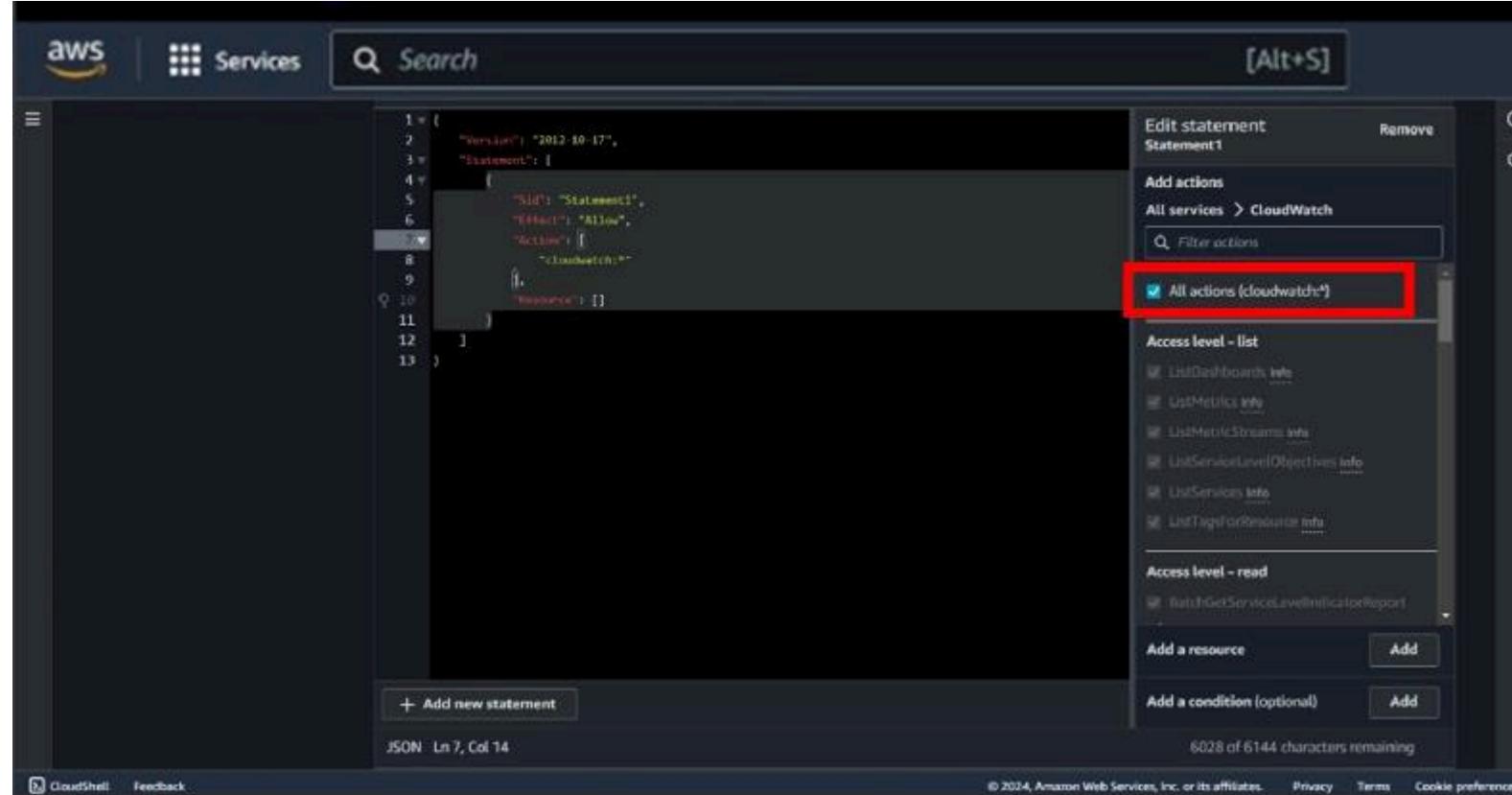
- Then search IAM role and go to policies and click on **Create policies**.



- Then go to **JSON** type.



- Click on add action and search for “**Cloudwatch**”.



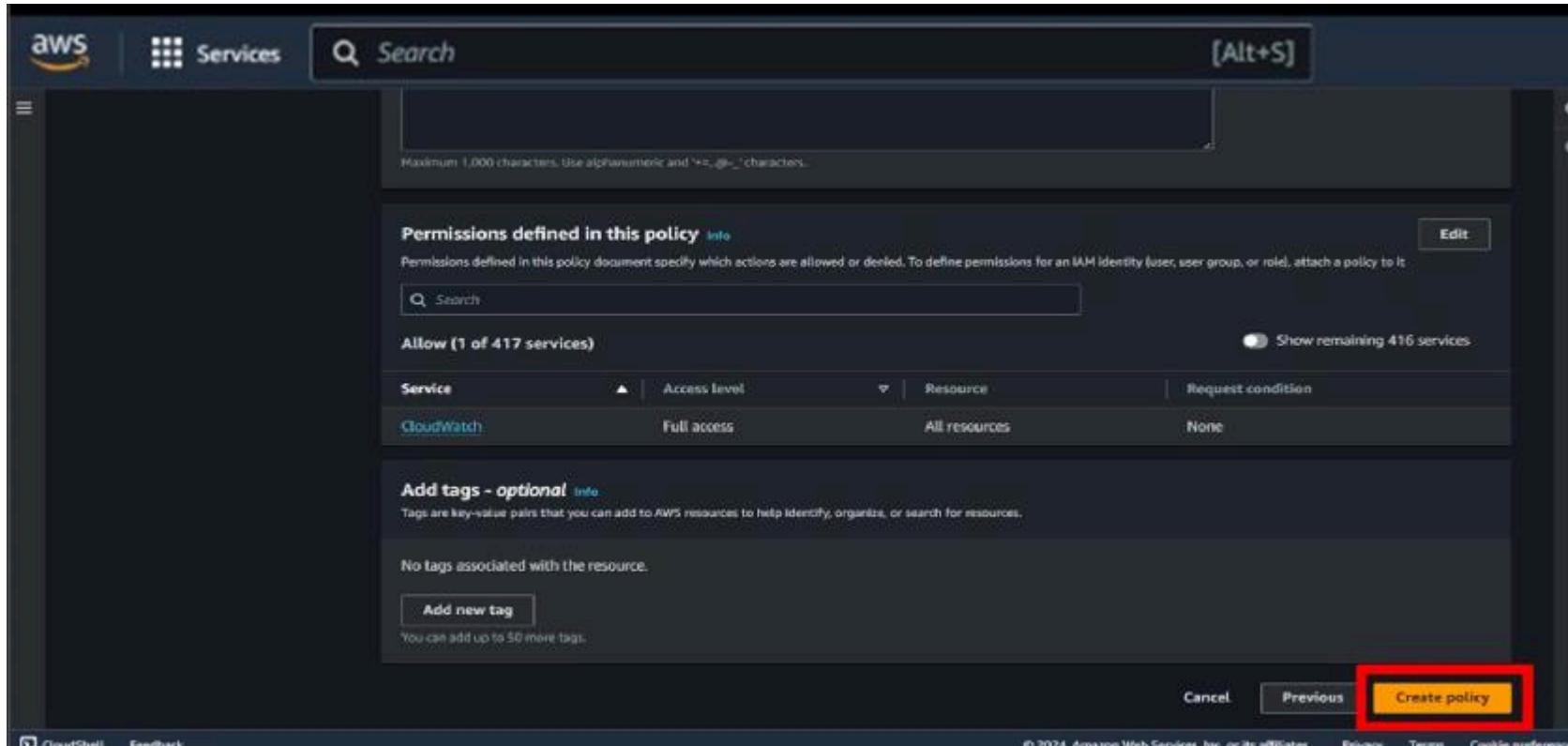
- After selecting cloudwatch select “All actions “.

The screenshot shows the AWS IAM 'Create policy' interface. The left sidebar has 'Step 1: Specify permissions' selected. The main area is titled 'Specify permissions' with a sub-instruction: 'Add permissions by selecting services, actions, resources, and conditions. Build permission statements using the JSON editor.' Below this is a 'Policy editor' section with tabs for 'Visual' (disabled), 'JSON' (selected), and 'Actions'. The JSON code is displayed:

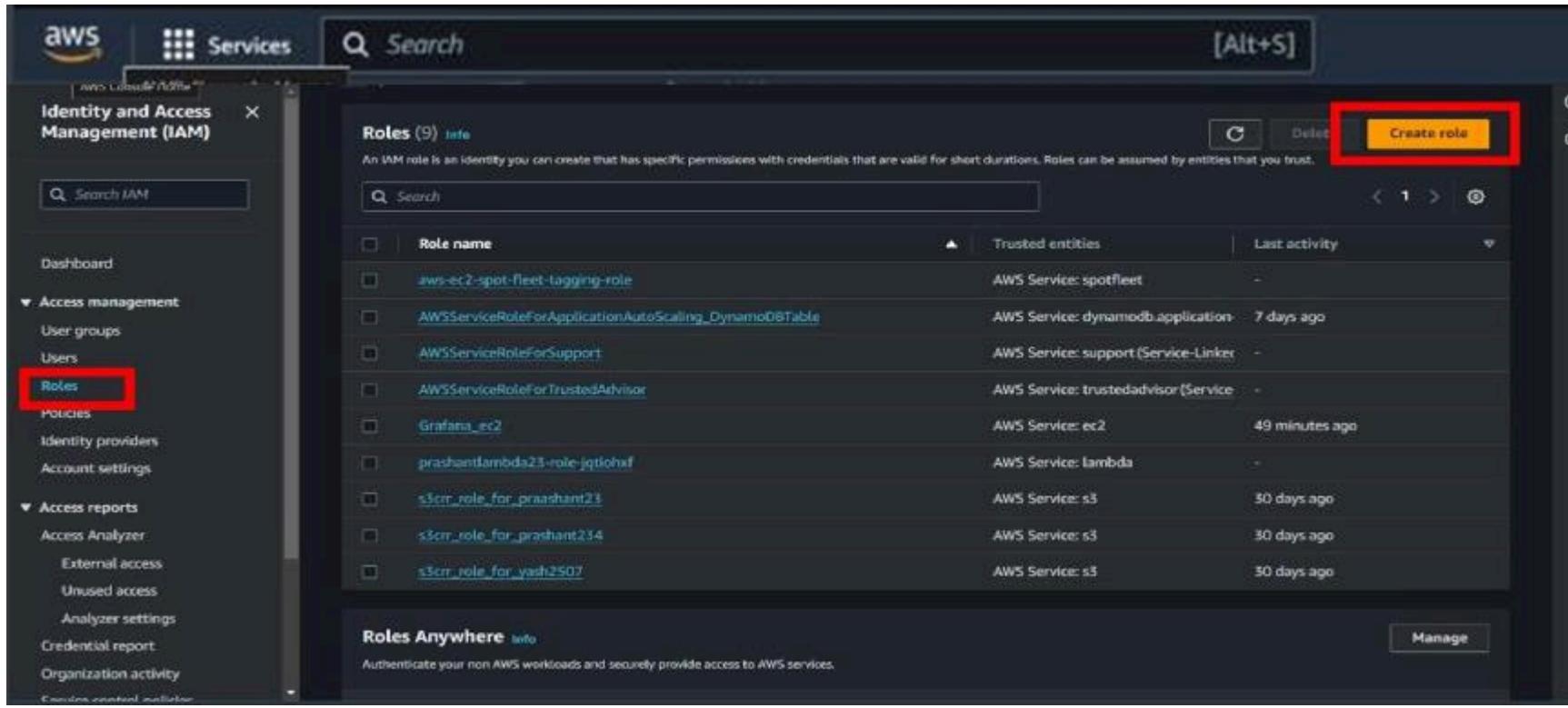
```
1  {
2    "Version": "2012-10-17",
3    "Statement": [
4      {
5        "Sid": "Statement1",
6        "Effect": "Allow",
7        "Action": [
8          "lambda:InvokeFunction"
9        ],
10       "Resource": "*"
11     }
12   ]
13 }
```

A red box highlights the 'Resource': '*' line. To the right is an 'Edit statement' panel with the heading 'Select a statement' and the sub-instruction 'Select an existing statement in the policy or add a new statement.' It features a '+ Add new statement' button.

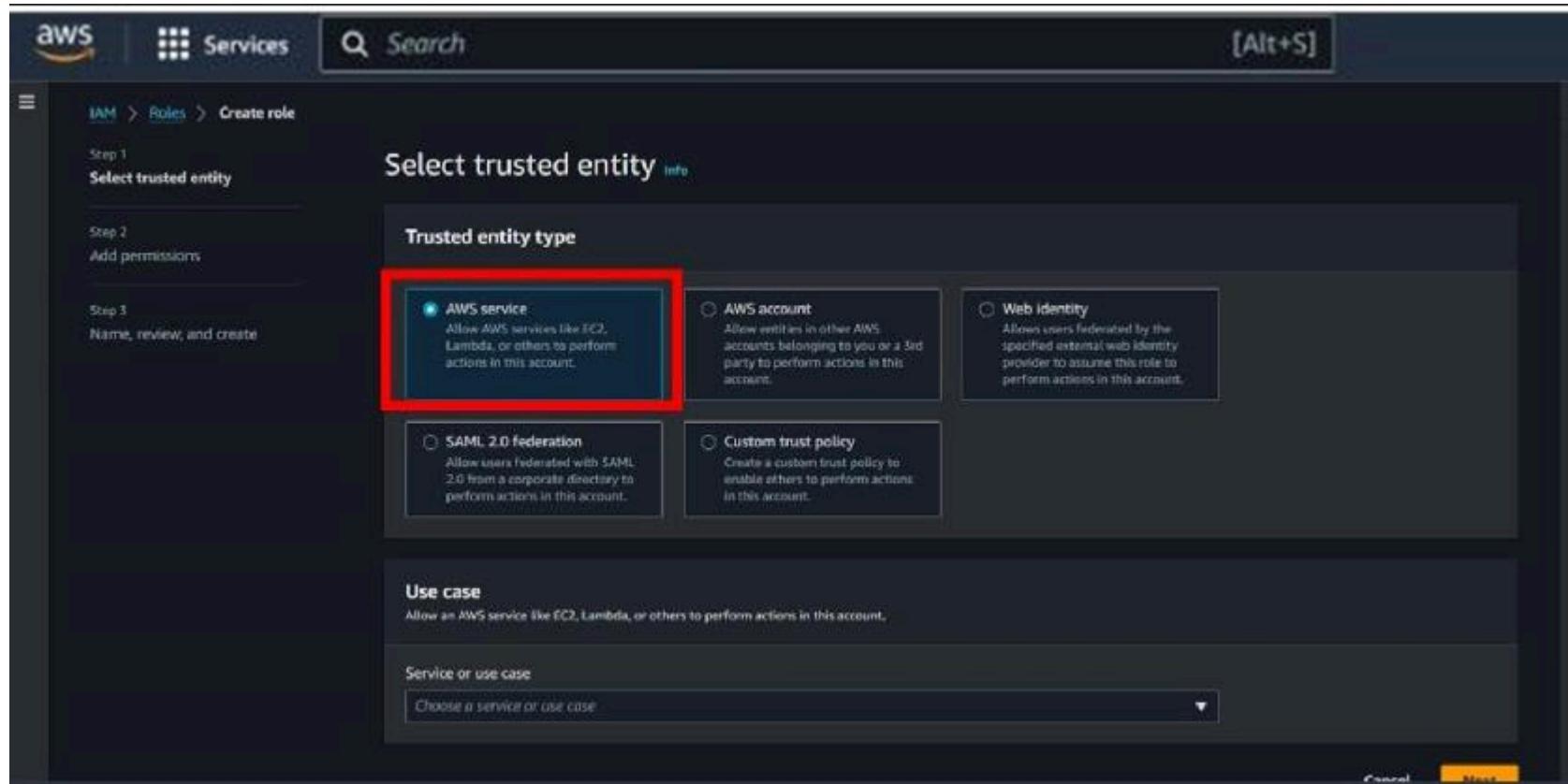
- Then put “**Resource** “ : ”*”



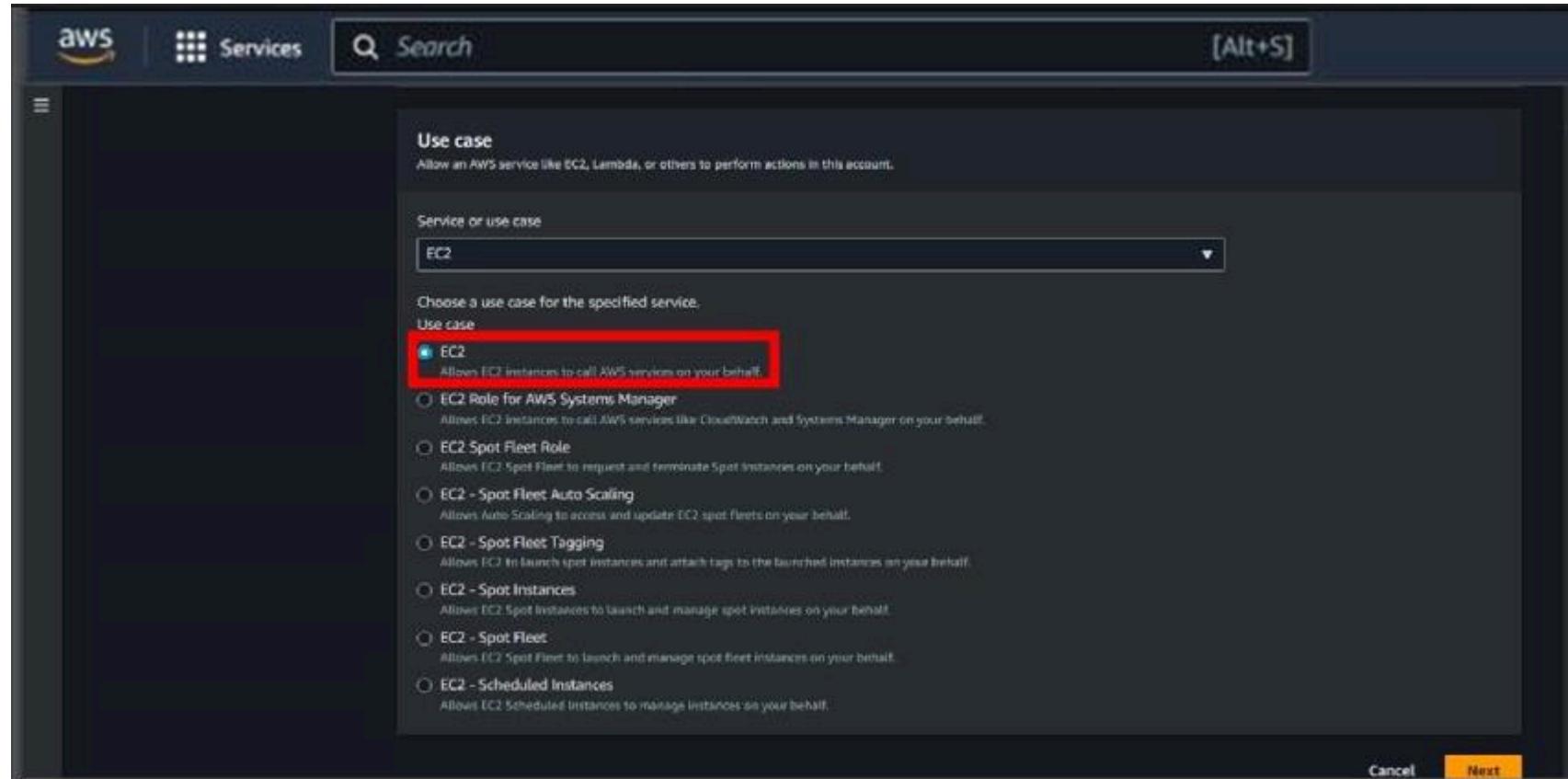
- Scroll down and click on **Create policy**.



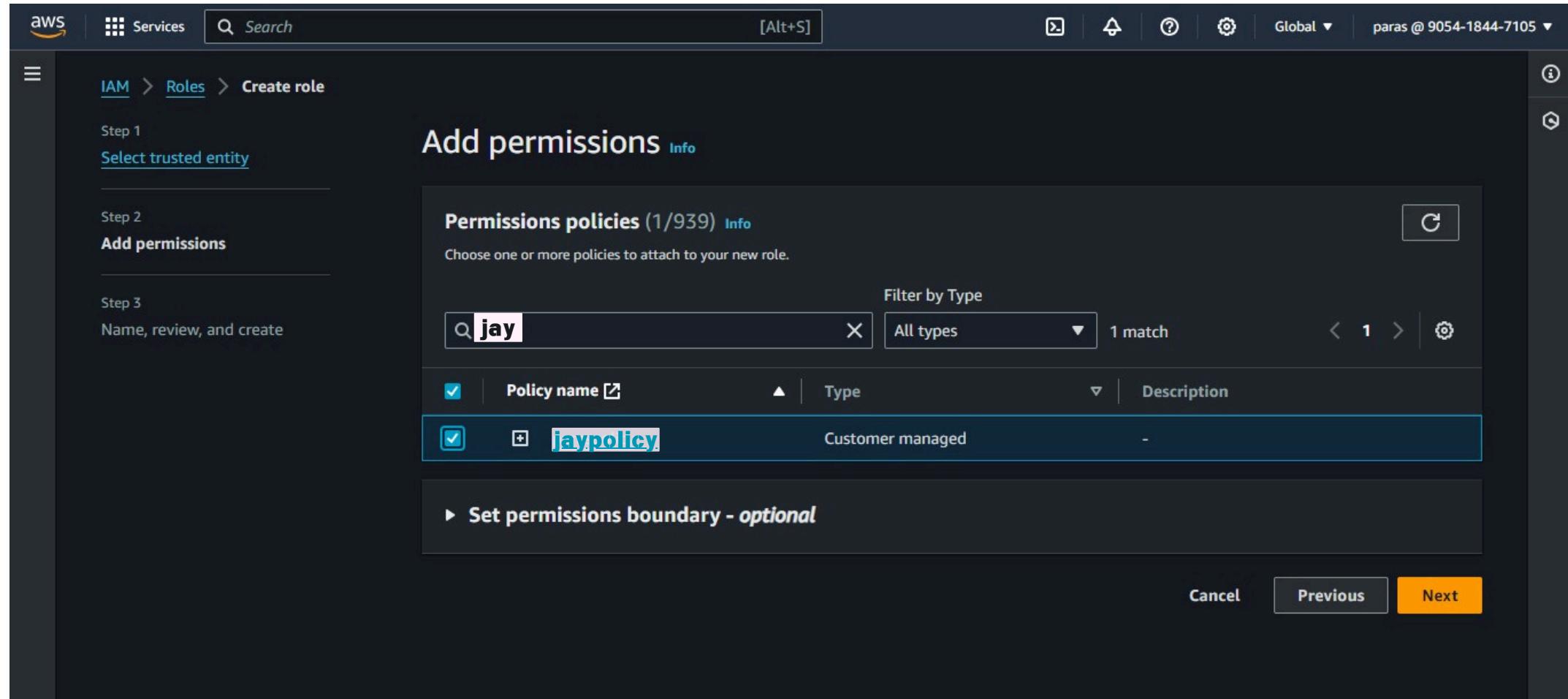
- Then go to roles and click on **Create roles**.



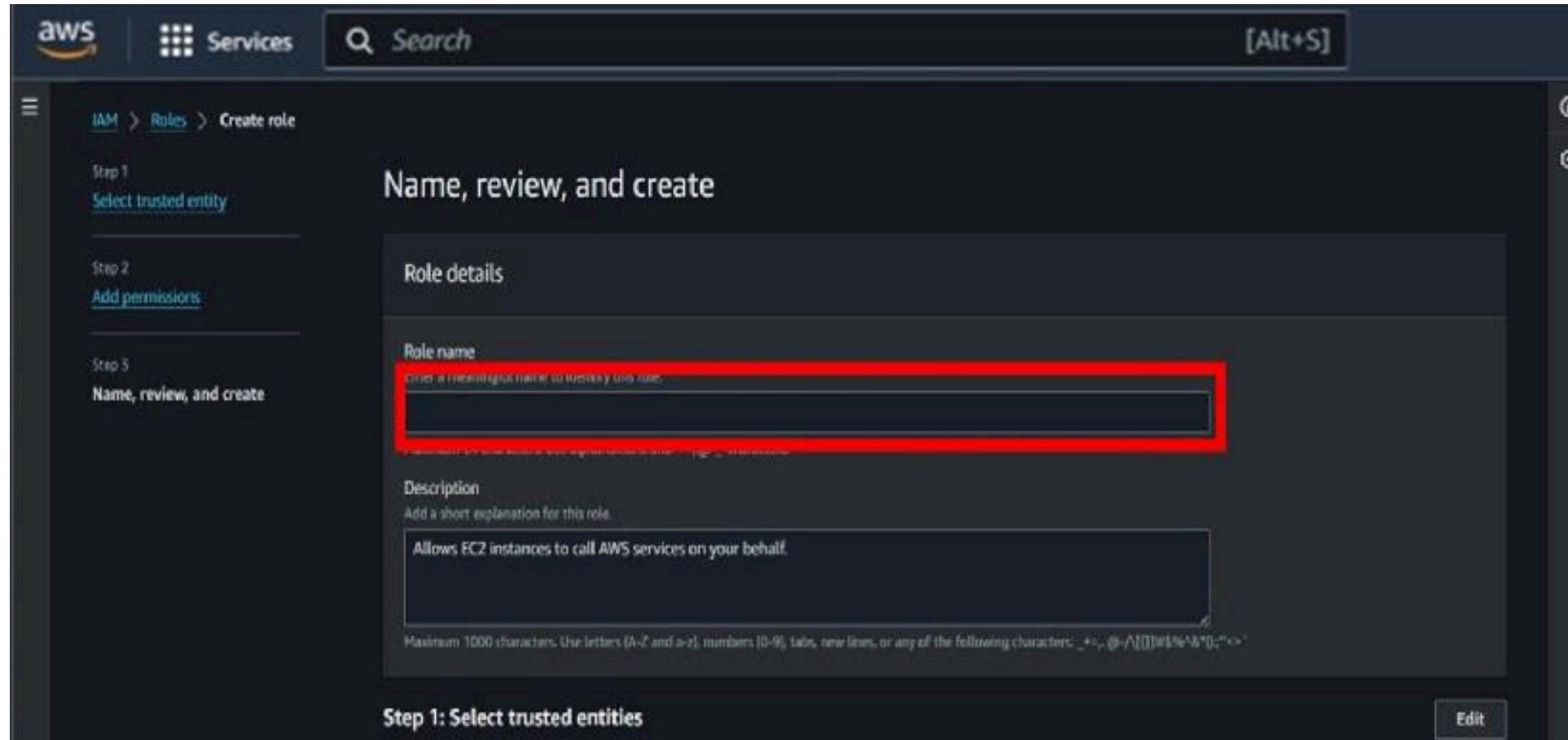
- Then select entity type is **AWS services** .



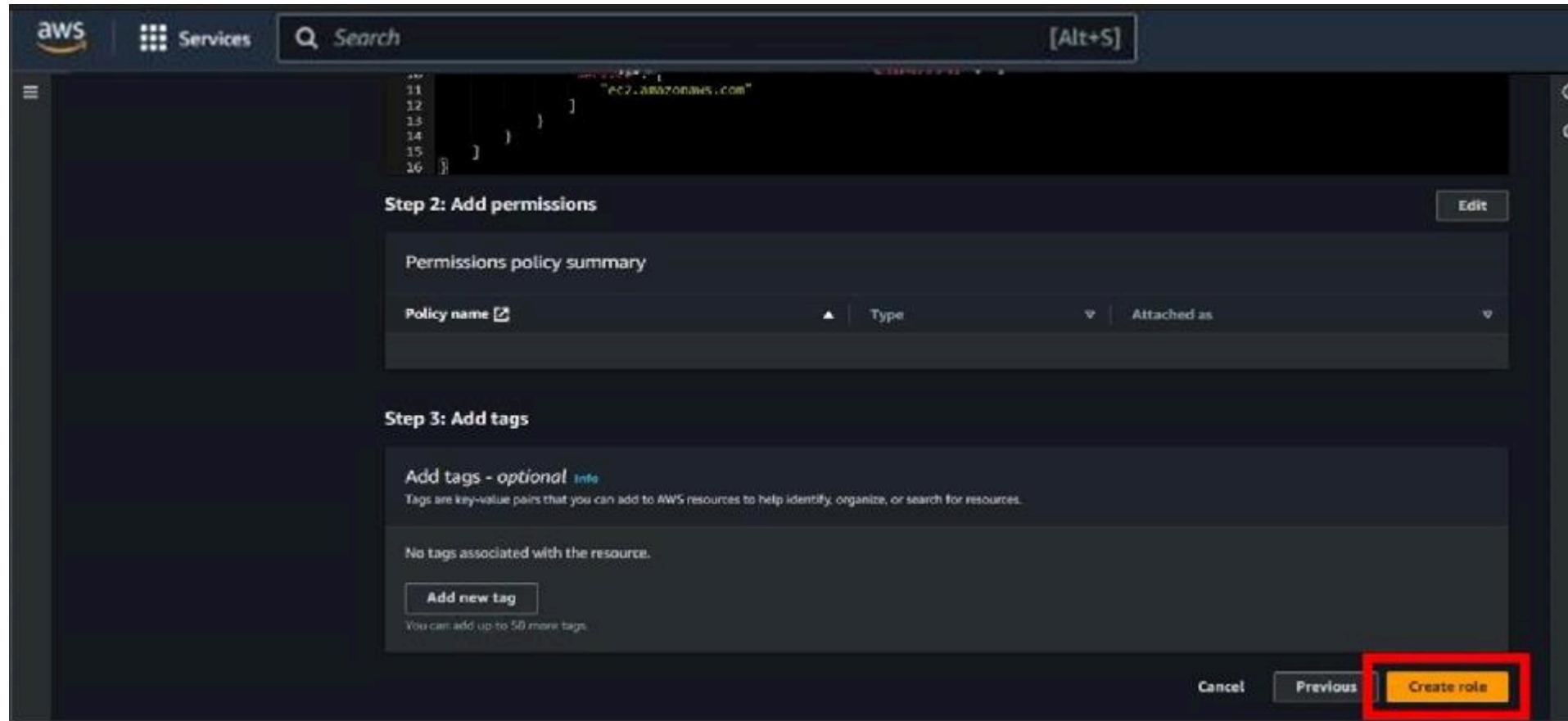
- Now , select use case as **EC2** .



- Select your policy here which you have created previously , then click on **Next**.



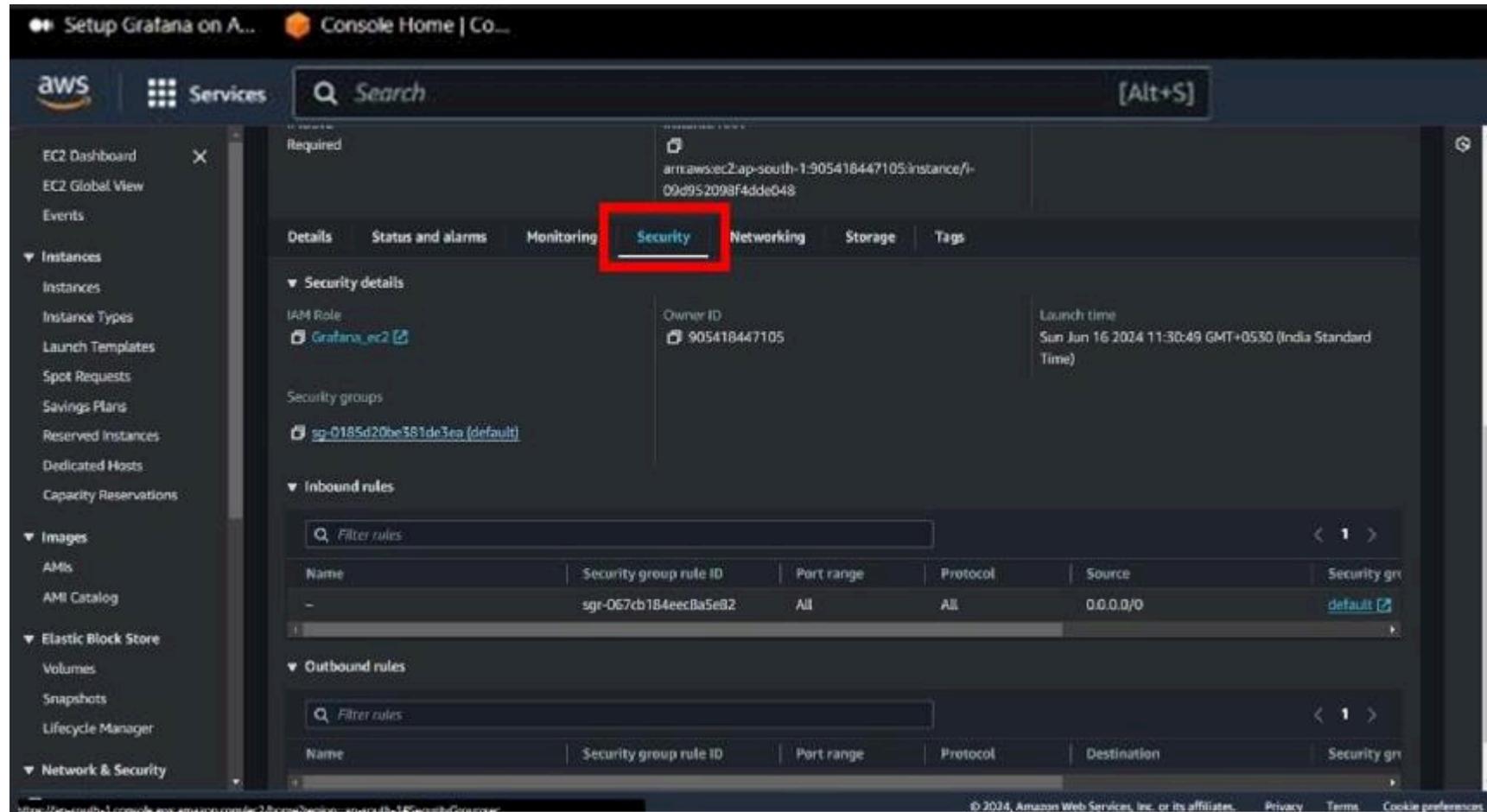
- Then give a name of your choice to the role .



- Then scroll down and click on the **Create role** .

The screenshot shows the AWS EC2 Instances page. On the left sidebar, under the 'Instances' section, 'Instances' is selected. In the main content area, the title 'Instances (1/2) Info' is displayed above a search bar and a filter dropdown set to 'All states'. Two instances are listed: 'mywebserver2' (Instance ID: i-0871c853386805764, State: Running, Type: t2.micro, Status check: 2/2 checks passed) and 'jay_EC2' (Instance ID: i-02d318d42a1989ef5, State: Running, Type: t2.micro, Status check: Initializing). The row for 'jay_EC2' is highlighted with a red box. Below this, a detailed view for 'i-02d318d42a1989ef5 (paras_EC2)' is shown with tabs for Details, Status and alarms, Monitoring, Security, Networking, Storage, and Tags. The 'Details' tab is selected, displaying the Instance summary with fields for Instance ID (i-02d318d42a1989ef5 (paras_EC2)), Public IPv4 address (15.206.160.83 | open address), Private IPv4 addresses (172.31.42.87), Instance state (Running), IPv6 address (-), and Public IPv4 DNS (ec2-15-206-160-83.ap-south-1.compute.amazonaws.com | open address).

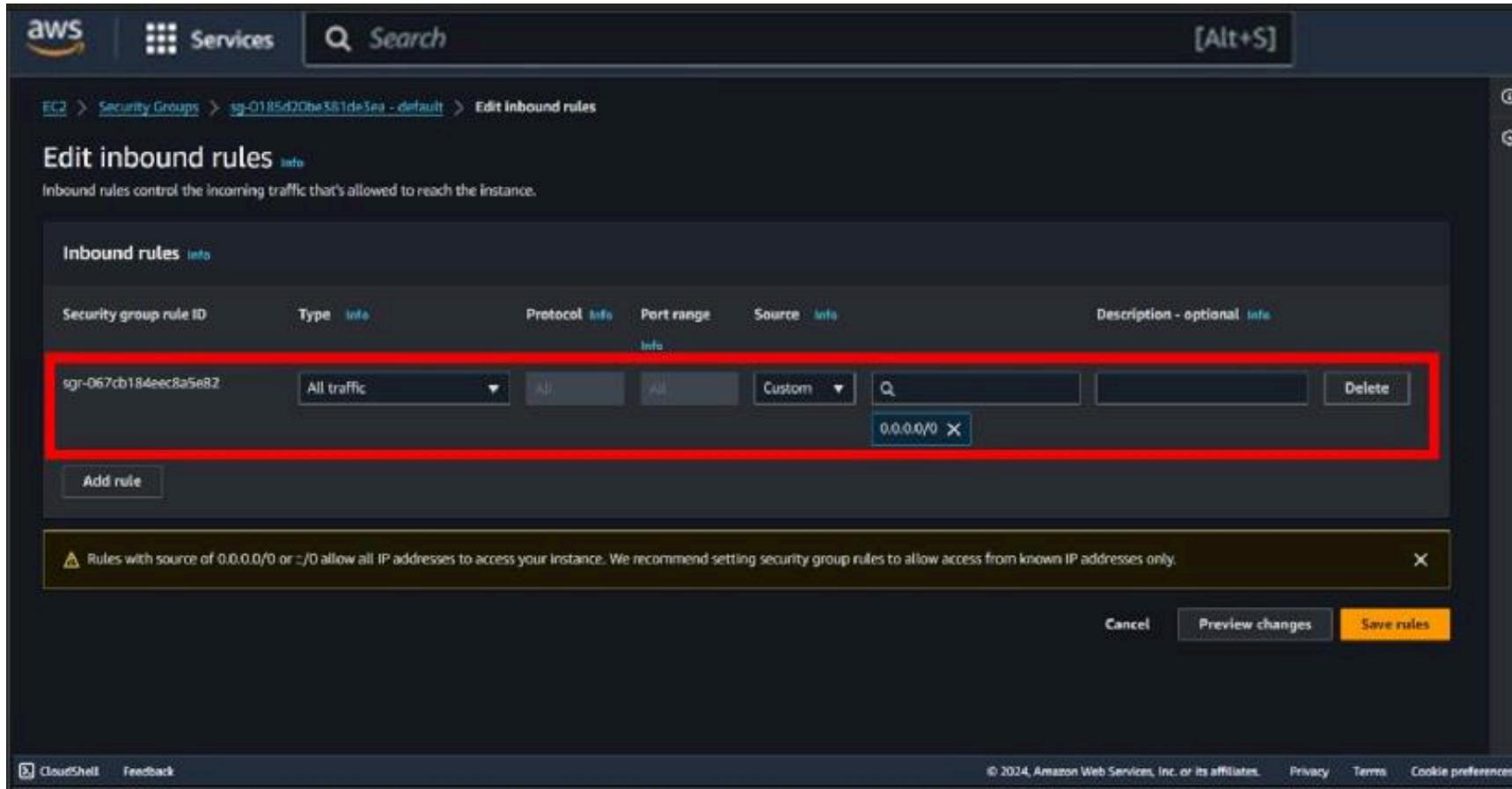
- After creating your role and policy go to instance and open your instance , which you have already created.



- Scroll down and go to **Security** option.

The screenshot shows the AWS EC2 Security Groups interface. The left sidebar includes links for EC2 Dashboard, EC2 Global View, Events, Instances (with sub-links for Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations), Images (AMIs, AMI Catalog), Elastic Block Store (Volumes, Snapshots, Lifecycle Manager), and Network & Security. The main content area shows the details for the security group 'sg-0185d20be381de3ea - default'. It lists the security group name as 'default', ID as 'sg-0185d20be381de3ea', owner as '905418447105', and VPC ID as 'vpc-0fd125980362775a9'. Below this, the 'Inbound rules' tab is selected, showing one rule: 'sgr-067cb184e6c8a5e82' (IPv4, All traffic, All, All). A red box highlights the 'Edit inbound rules' button.

- Then click on **Edit inbound rule** .



- Then modify your rule **select type = All traffic** and **source =0.0.0.0/0**

The screenshot shows the AWS EC2 Instance Summary page for an instance named 'rahul ec2'. The Public IPv4 address, '52.66.157.56', is highlighted with a red box. Other visible details include the Private IP, Instance Type (t2.micro), VPC ID, and Subnet ID.

Instance summary for i-09d952098f4dde048 (rahul ec2)

Public IPv4 address: 52.66.157.56 | open address

Private IPv4 addresses: 172.31.43.167

Public IPv4 DNS: ec2-52-66-157-56.ap-south-1.compute.amazonaws.com | open address

Private IP DNS name (IPv4 only): ip-172-31-43-167.ap-south-1.compute.internal

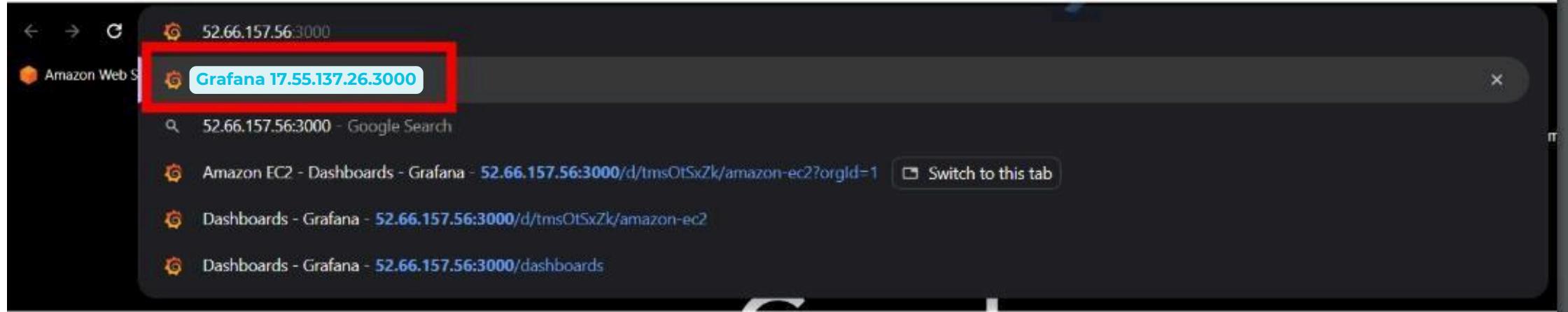
Instance type: t2.micro

VPC ID: vpc-0fd125980362775a9

Subnet ID: subnet-049080f66c0e59d7e

Instance ARN: arn:aws:ec2:ap-south-1:905418447105:instance/i-09d952098f4dde048

- Then copy your **public IPv4 address** of your instance .



- Then paste your copied ip address and type “**:3000**” after ip address and search it .



- Then login in Grafana by the help of credentials shown in above snapshot.



Home

- Home
- Starred
- Dashboards
- Explore
- Alerting
- Connections
 - Add new connection
 - Data sources
- Administration

Welcome to Grafana

Need help? Documentation Tutorials Community Public Slack

Remove this panel

Basic

The steps below will guide you to quickly finish setting up your Grafana installation.

TUTORIAL
DATA SOURCE AND DASHBOARDS
Grafana fundamentals

Set up and understand Grafana if you have no prior experience. This tutorial guides you through the entire process and covers the "Data source" and "Dashboards" steps to the right.

Learn how in the docs ↗

DATA SOURCES

Add your first data source

COMPLETE

Create your first dashboard

Learn how in the docs ↗

Learn how in the docs ↗

Dashboards

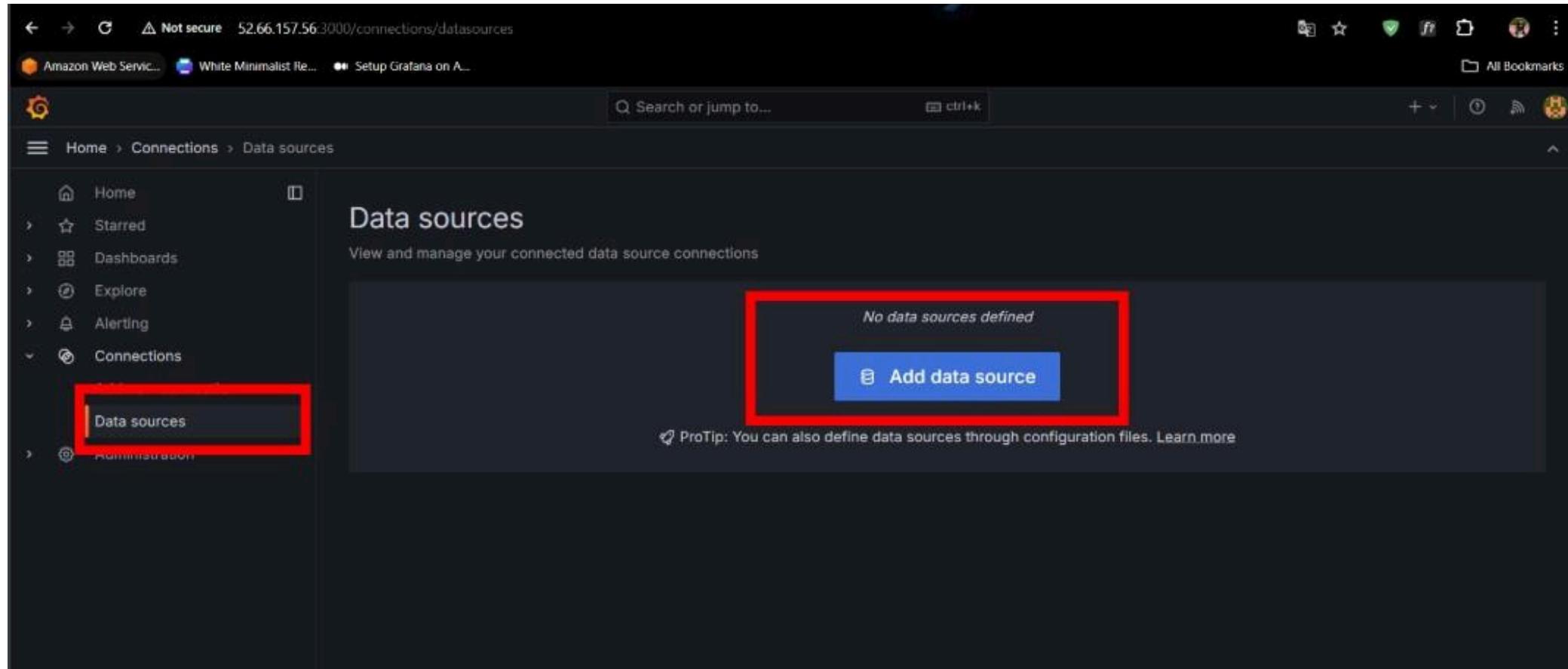
Starred dashboards

Recently viewed dashboards

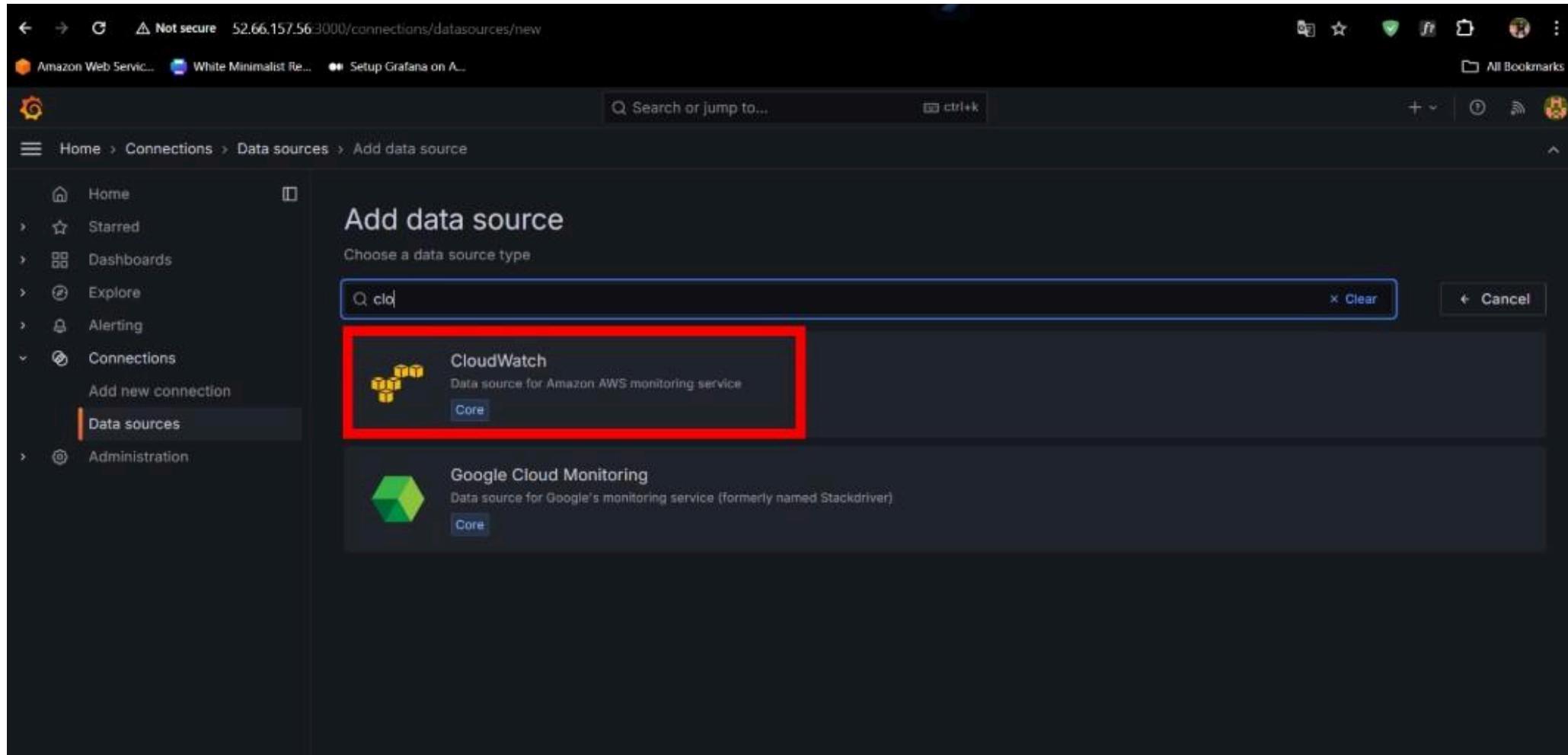
Amazon EC2

Latest from the blog

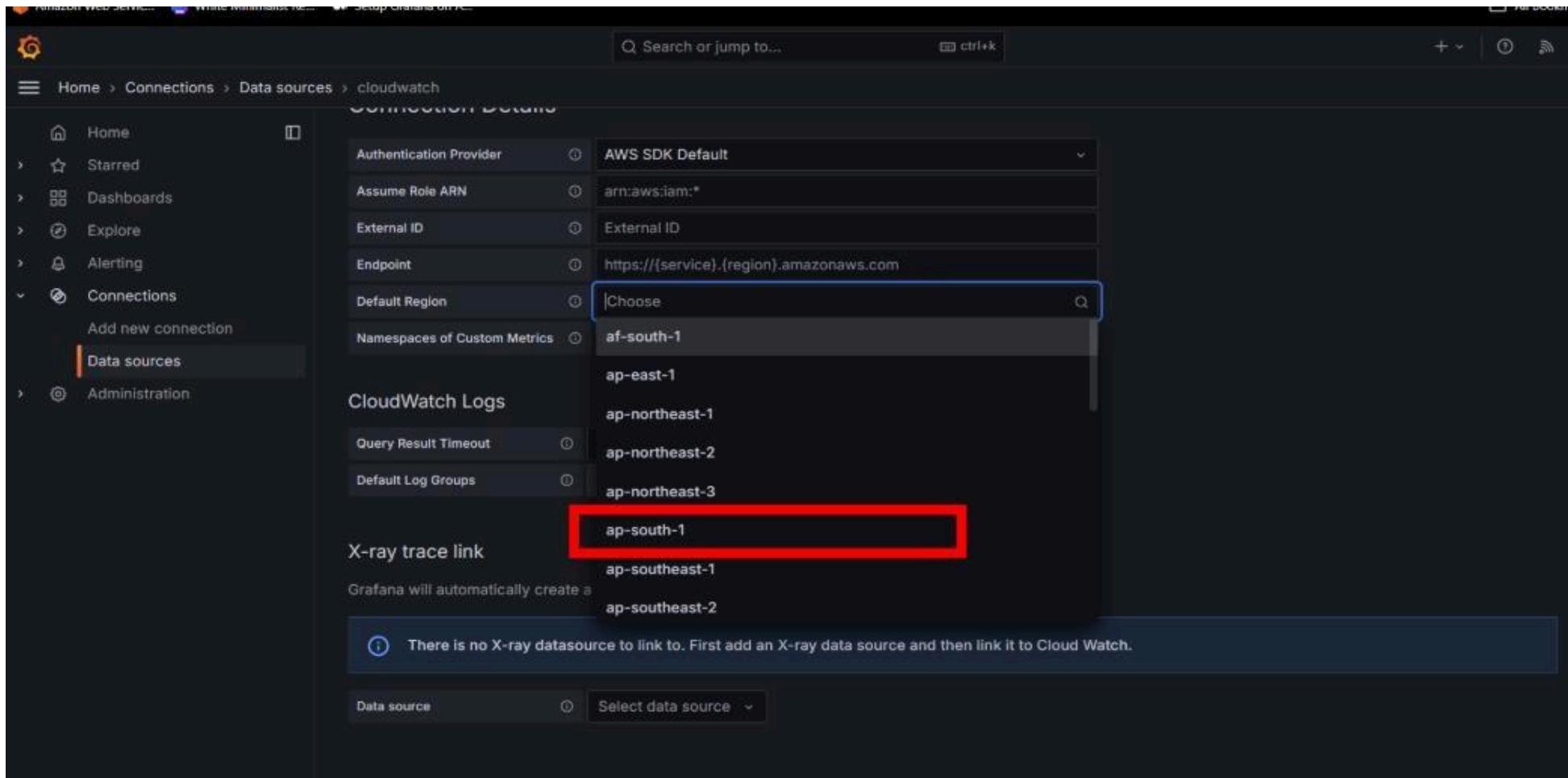




- Then go to **Dashboard** and click on **Add data source** .



- Now , select “**Cloudwatch**” as an data source .

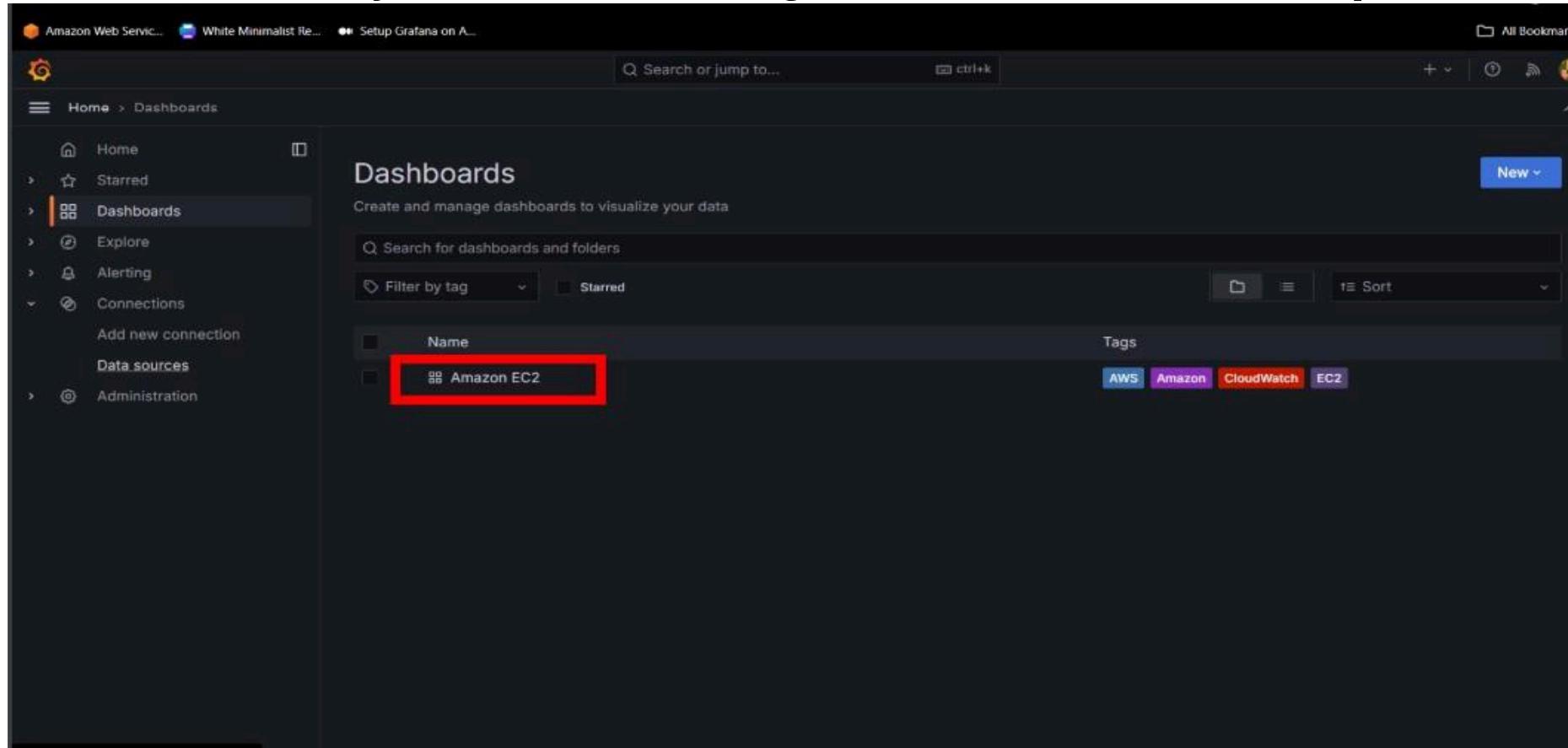


- Then after selecting cloudwatch select your region .

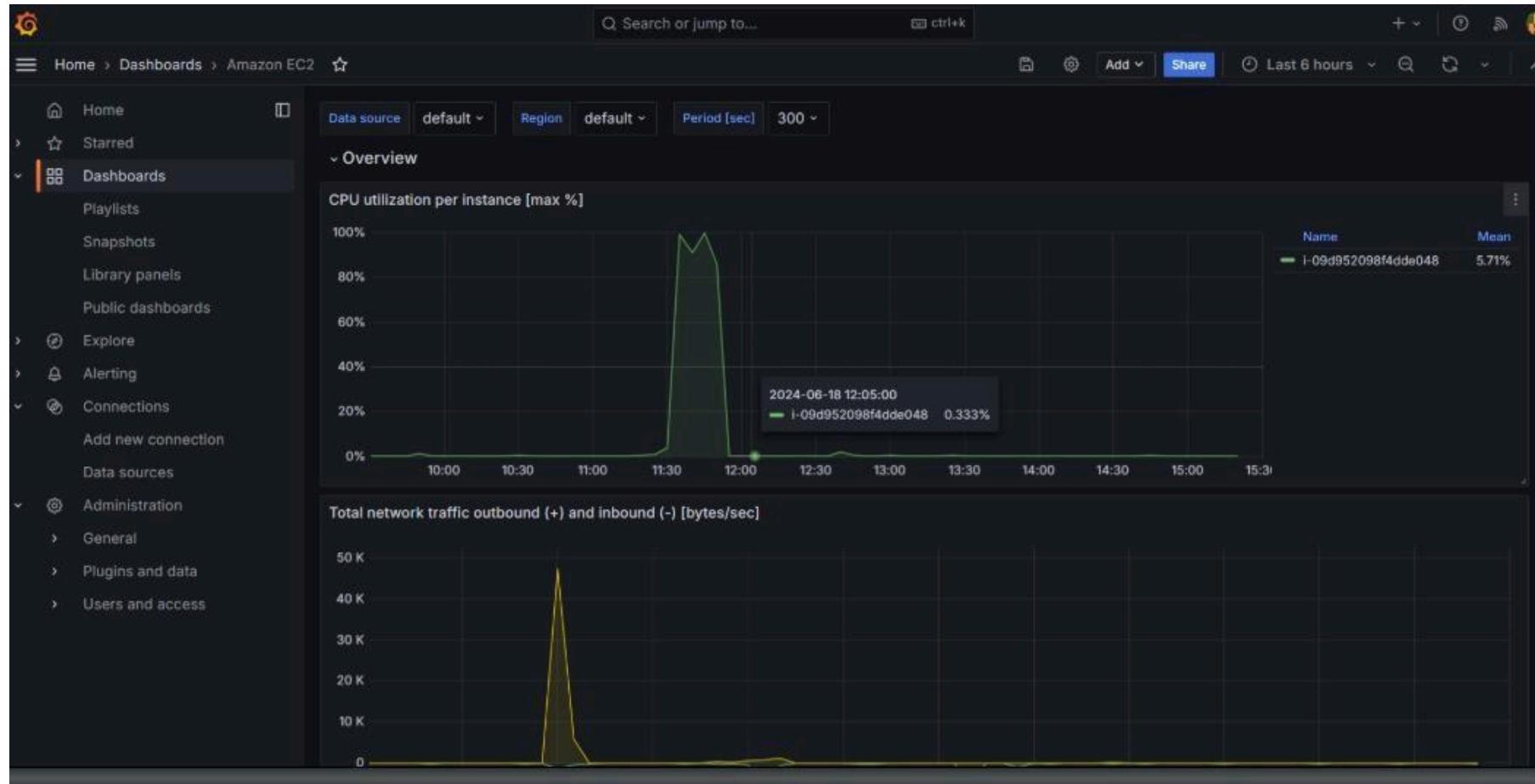
The screenshot shows the Grafana interface with the following details:

- Left sidebar (Dark Theme):**
 - Home
 - Starred
 - Dashboards
 - Explore
 - Alerting
 - Connections** (selected)
 - Add new connection
 - Data sources** (selected)
 - Administration
- Top navigation bar:** Search bar (Search or jump to...), Help icon (ctrl+k), and various status icons.
- Current View:** Home > Connections > Data sources > cloudwatch
- CloudWatch Data Source Configuration:**
 - Type: CloudWatch
 - Settings tab (disabled)
 - Dashboards tab (selected)**
 - Import button (highlighted with a red box)
 - Available dashboards:
 - Amazon EC2
 - Amazon EBS
 - AWS Lambda
 - Amazon CloudWatch Logs
 - Amazon RDS

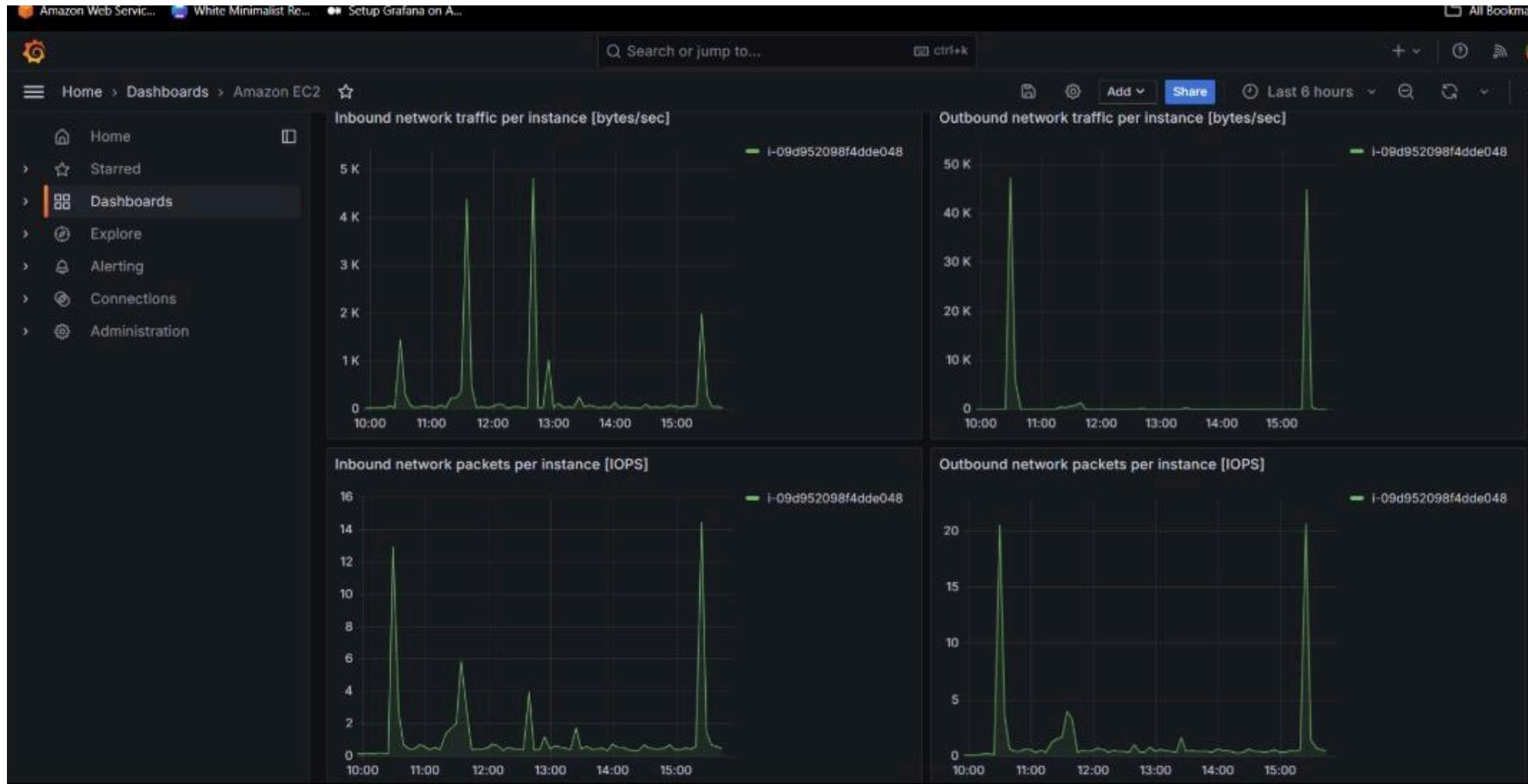
- Then inside your cloudwatch go to dashboard and **Import EC2**.



- Then go to dashboard and open your **Amazon EC2**.







- Home
- Starred
- Dashboards
- Explore
- Alerting
- Connections
- Administration