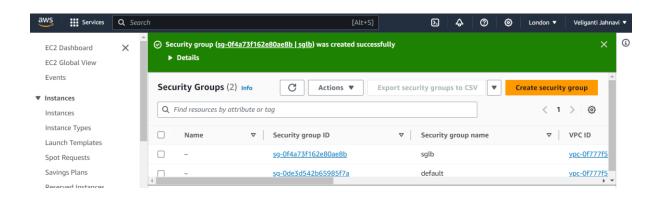
#### Task-2

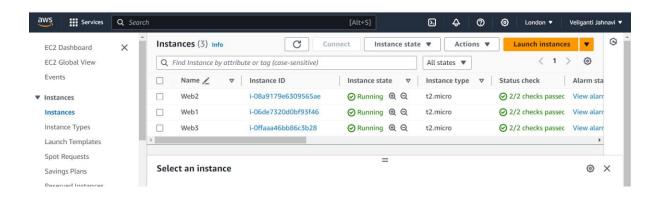
Create three instances,

- (i)Install Nginx
- (ii)And apply ALB

Step 1: Create the security group→Add Inbound rule (SSH, Custom TCP)

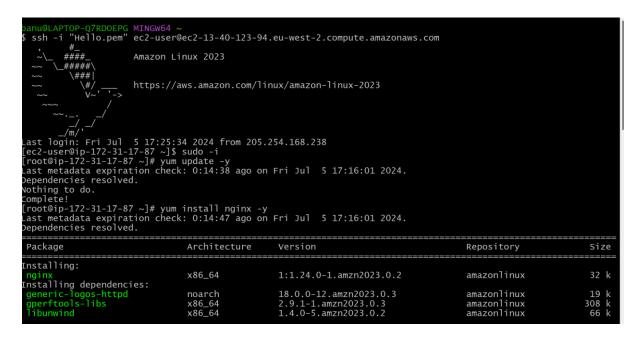


Step 2: Go to EC2 instance → Launch the instances → Select the different Availability Zones for 3 Instances(2a,2b,2c) → Select the created Security group → Create the 3 Instances.



------Three Instances Created------

### Step 3: Go to the instance ID of the first instance and connect to the server.



#### Step 4: Install nginx

```
Running transaction
Preparing :
Running scriptlet: nginx-filesystem-1:1.24.0-1.amzn2023.0.2.noarch 1/7
Installing : nginx-filesystem-1:1.24.0-1.amzn2023.0.2.noarch 1/7
Installing : nginx-mimetypes-2.1.49-3.amzn2023.0.3.noarch 2/7
Installing : libunwind-1.4.0-5.amzn2023.0.2.x86_64 3/7
Installing : gperftools-libs-2.9.1-1.amzn2023.0.3.x86_64 4/7
Installing : nginx-core-1:1.24.0-1.amzn2023.0.2.x86_64 5/7
Installing : nginx-core-1:1.24.0-1.amzn2023.0.3.x86_64 5/7
Installing : nginx-lit_24.0-1.amzn2023.0.2.x86_64 5/7
Installing : nginx-1:1.24.0-1.amzn2023.0.2.x86_64 7/7
Running scriptlet: nginx-1:1.24.0-1.amzn2023.0.2.x86_64 7/7
Running scriptlet: nginx-1:1.24.0-1.amzn2023.0.2.x86_64 7/7
Verifying : generic-logos-httpd-18.0.0-12.amzn2023.0.3.x86_64 7/7
Verifying : nginx-mimetypes-2.1-1.amzn2023.0.3.x86_64 2/7
Verifying : nginx-core-1:1.24.0-1.amzn2023.0.2.x86_64 2/7
Verifying : nginx-core-1:1.24.0-1.amzn2023.0.2.x86_64 4/7
Verifying : nginx-core-1:1.24.0-1.amzn2023.0.2.x86_64 5/7
Verifying : nginx-mimetypes-2.1.49-3.amzn2023.0.3.noarch 7/7
Installed:
generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch gperftools-libs-2.9.1-1.amzn2023.0.2.x86_64 nginx-core-1:1.24.0-1.amzn2023.0.3.noarch 7/7

Installed:
generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch gperftools-libs-2.9.1-1.amzn2023.0.2.x86_64 nginx-core-1:1.24.0-1.amzn2023.0.2.x86_64 nginx-core-1:1.24.0-1.amzn2023.0.3.noarch 7/7

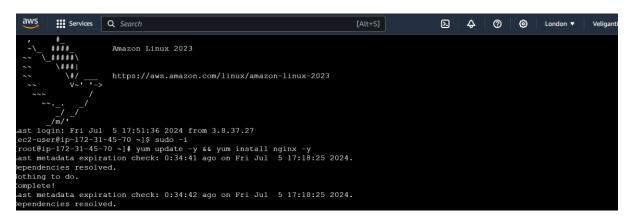
Installed:
generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch gperftools-libs-2.9.1-1.amzn2023.0.2.x86_64 nginx-core-1:1.24.0-1.amzn2023.0.2.x86_64 nginx-core-1:1.24.0-1.amzn2023.0.3.noarch 7/7

Installed:
generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch 1/7

Installed:
generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarc
```

Step 5: Copy the public IP of the first instance and paste it into Google.

### Step 6: Now go to the Second instance → connect to the server → Install nginx.



Step 7: Copy the public IP of the second instance and paste it into Google.



### This webserver2

### Step 8: Now go to the Third instance → connect to the server → Install nginx.

```
aws services Q Search [Alt+S]

, #### Amazon Linux 2023

~~ \####|

~~ \###|

~~ \###|

~~ \###|

~~ \###|

~~ \###|

~~ \###|

~~ \###|

~~ \###|

~~ \###|

~~ \###|

~~ \###|

~~ \###|

~~ \###|

coolegendencies resolved.

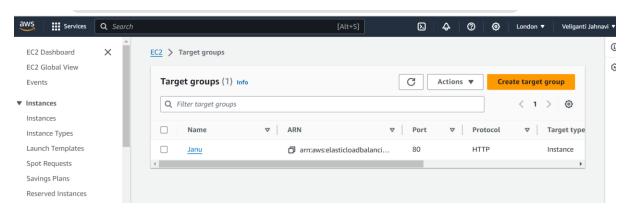
Interview of the property of
```

## Step 9: Copy the public IP of the Third instance and paste it into Google.

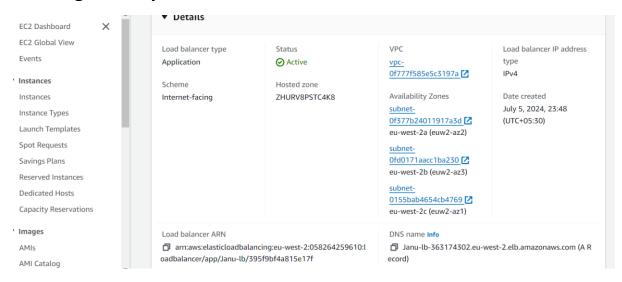


### This is Webserver3

# Step 10: Go to Target group→click on create→Give name (Janu)→next→select the three instances and click on pending below and create Target group.



Step 11: Go to Load Balancer→Choose Application Load
Balancer→Select the mapping→Select the security group→select
the Target Group→Create the Load Balancer.



### Step 12: Copy the DNS → Paste in Google.



This webserver2

#### Reload.....



This is Webserver3

#### Reload.....



This webserver1