## ASSIGNMENT 11: Build scaling plans in AWS that balance the load on different EC2 instances. STEP 1 :- Check if your GitHub Repository is public or not . For that Login to your GitHub Account and then select your Repository and then go to Setting and navigate to Danger Zone and check your Repository Visibility. Danger Zone Pu-ma / AWS\_New\_Purna\_cseds47 Q. Type // to search 8 · + · O 11 A 1 Change repository visibility ♦ Code ⊙ Issues ↑ Pull requests ⊙ Actions Projects □ Wiki ⊙ Security ∠ Insights ♦ Settings Change visibility This repository is currently public General Disable branch protection rules Disable branch protection rules Disable branch protection rules enforcement and APIs Transfer ownership Ax Collaborators AWS\_New\_Purna\_cseds47 Transfer this repository to another user or to an organization where you have the ability to create Transfer Moderation options ☐ Template repository ries with the same directory structure and files. Learn more about template repositories Code and automation Archive this repository Mark this repository as archived and read-only. Require contributors to sign off on web-based commits P Branches is setting will require contributors to sign off on commits made through Gif-kub's web interface. Signing off is a way for is to affirm that their commit complies with the repository's terms, commonly the Developer Cetrificate of Origin (DCD). Learn Tags Delete this repository more about signing off on commits. Delete this repository Et Rules ( ) Actions Default branch The default branch is considered the "base" branch in your repository, against which all pull requests and code commits are Environment automatically made, unless you specify a different branch. ☐ Codespaces Pages STEP 2 :- Login to your AWS Account and click on EC2 and go to Security Groups and click on Create Security Group. aws III Q Se O THE THE 0 0 Savings Plans Security Groups (1) Info C Actions ▼ Export security groups to CSV ▼ Q Find resources by attribute or tag ☐ | Name ▼ | VPC ID ▼ | Description Capacity Reservations ▼ | Security group ID ▼ | Security group name default VPC security group 650251711112 ▼ Images ▼ Network & Securit >> Give the Security Group Name and Description and the click on Add Rules of Inbound Rules. 0 9 Create security group Info Description Info purna vpc-0fa11c937dafb448e >> Add SSH, HTTP, HTTPS and CUSTOM TCP Type Rules as Given below. Inbound rules Info Security group rule ID Port range Info Source Info sgr-0c92171dd6c4de4db HTTPS ▼ TCP 443 Custom ▼ Q Delete 0.0.0.0/0 × sqr-0b77980b4089e8c80 ▼ TCP 80 Custom sgr-03b08fcf028fd5e3b ▼ TCP 22 Custom SSH 0.0.0.0/0 × Custom ▼ TCP 4000 a Custom TCP Delete 0.0.0.0/0 × ( Add rule ) >> Click on **CREATE Security Group**. Outbound rules Info

Security Groups > Create security group

And Pulces with source of 0.00.00/0 or ://0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

Outbound rules info

Type info

Protocol info

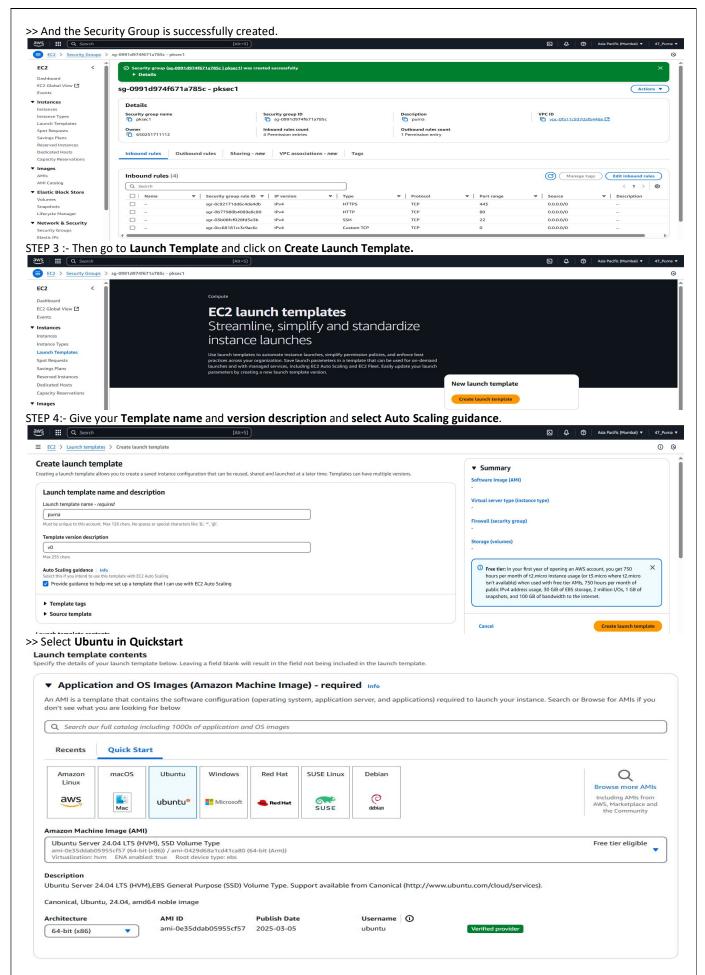
Protocol info

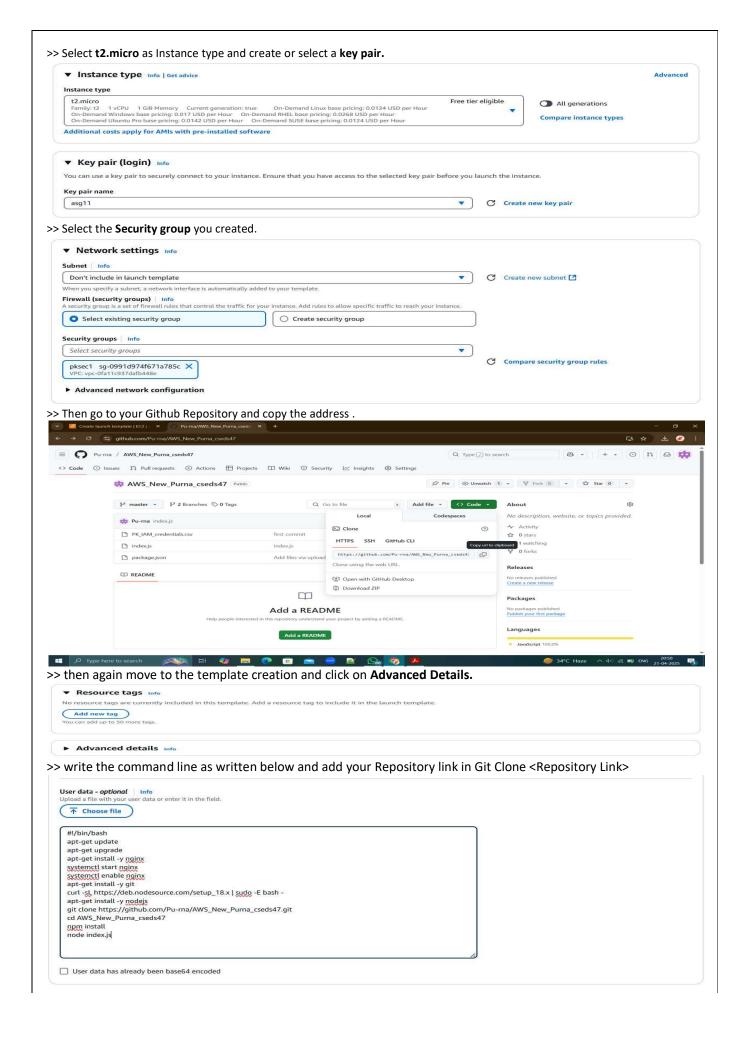
Pert range info

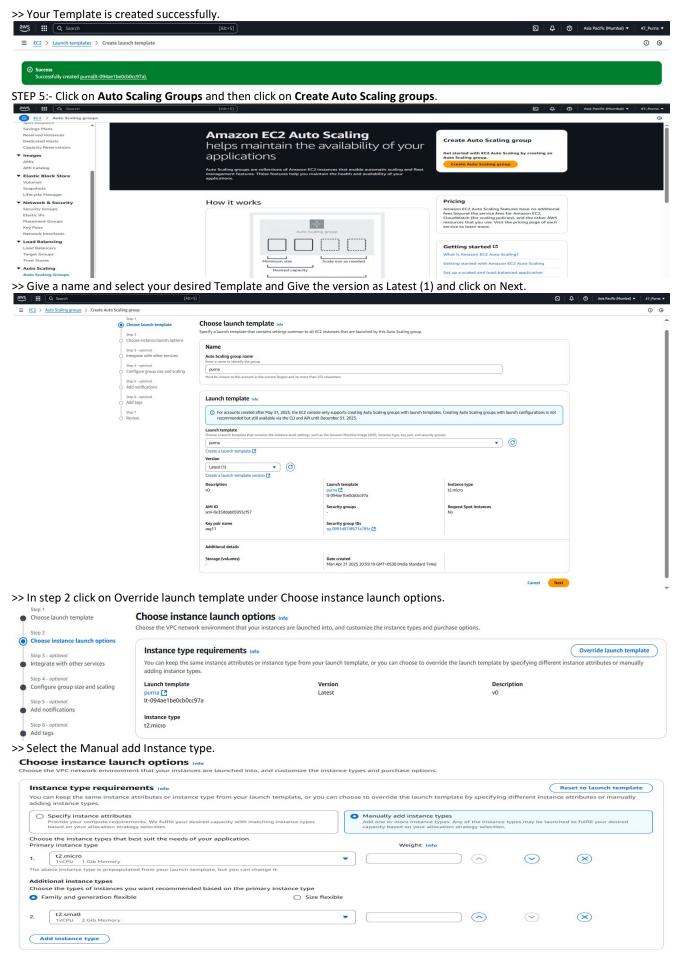
Destination info

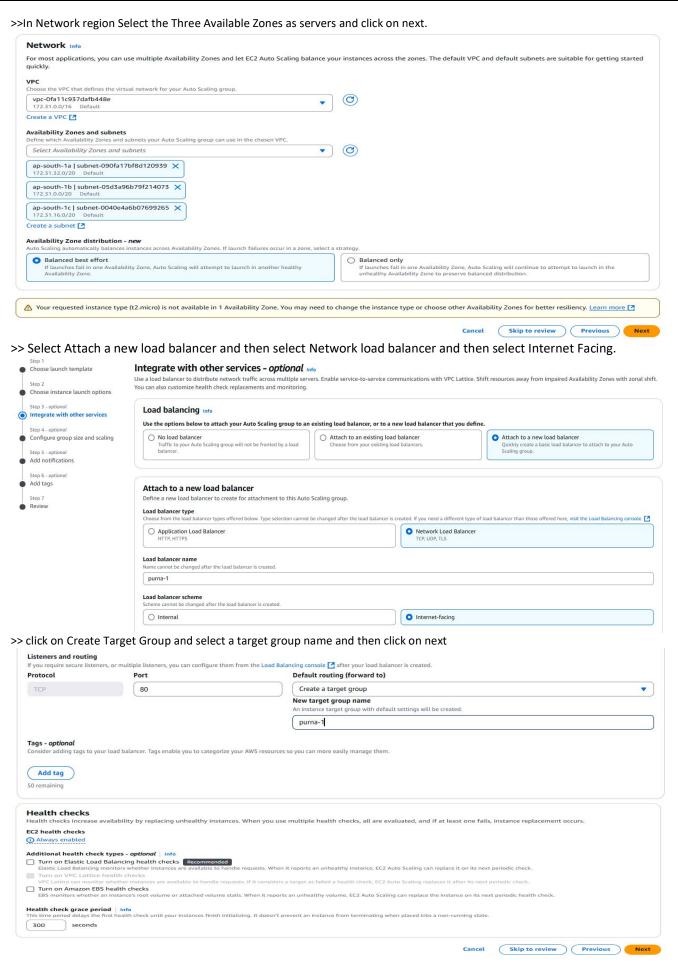
Quada rule

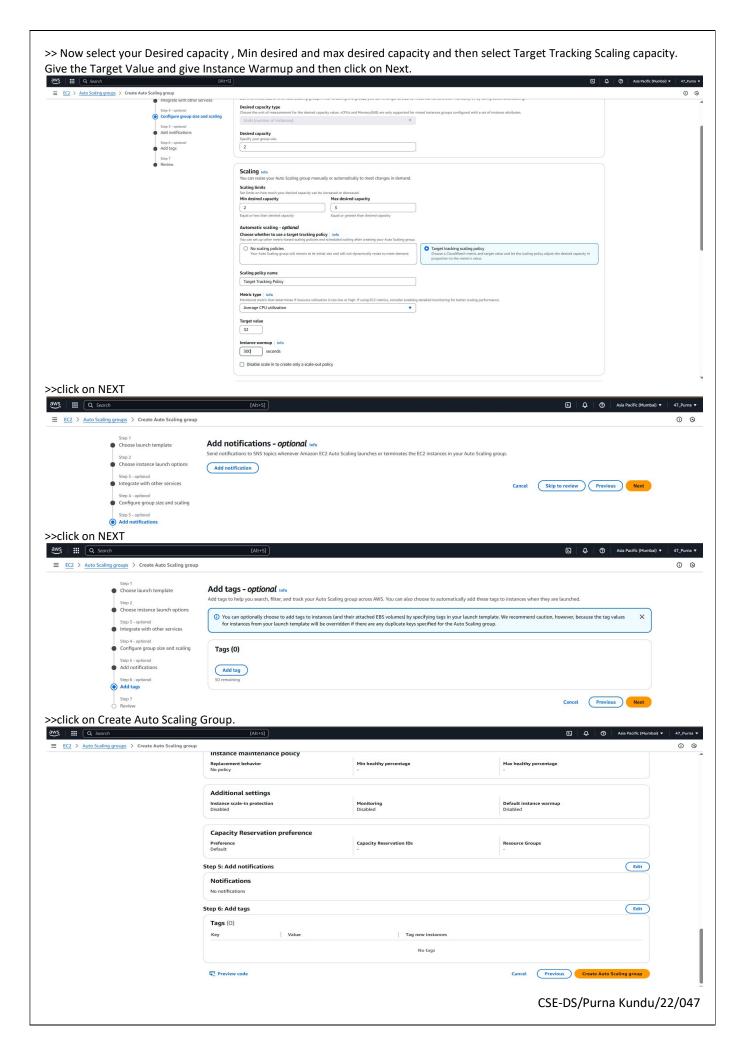
And r

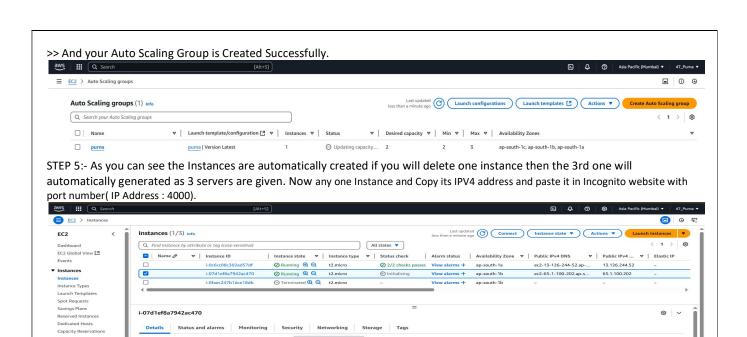












STEP 7:- Paste the address in Bitvise Server and give the required field of username, Initial method and Client key then click on LOG IN and go to the New Terminal.

i onc ir v4 address
☐ 65.1.100.202 | open address 🖸

Private IP DNS name (IPv4 only)
ip-172-31-13-9.ap-south-1.compute.internal

Details Status and alarms Monitoring Security Networking Storage Tags

▼ Instance summary Info Instance ID
i i-07d1ef8a7942ac470

Hostname type
IP name: ip-172-31-13-9.ap-south-1.compute.internal

IPv6 address

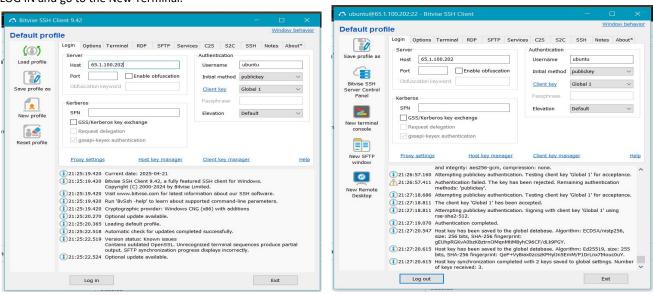
Lifecycle Manager

Hi Engineers

O Public IPv4 address copi ed

Instance state

Running



>> Then write the following command in terminal to open a shell file.

ubuntu@ip-172-31-13-9:~\$ nano infil.sh

>> Then write the following code in the shell file.

GNU nano 7.2 infil.sh \* !/bin/bash while true echo "looping"

>> Compile and run the File Using the following command.

ubuntu@ip-172-31-13-9:~\$ nano infil.sh ubuntu@ip-172-31-13-9:~\$ chmod +x infil.sh ubuntu@ip-172-31-13-9:~\$ ./infil.sh

Public IPv4 DNS
cc2-65-1-100-202.ap-south-1.compute.ama

☆ ⇔ Incognito

