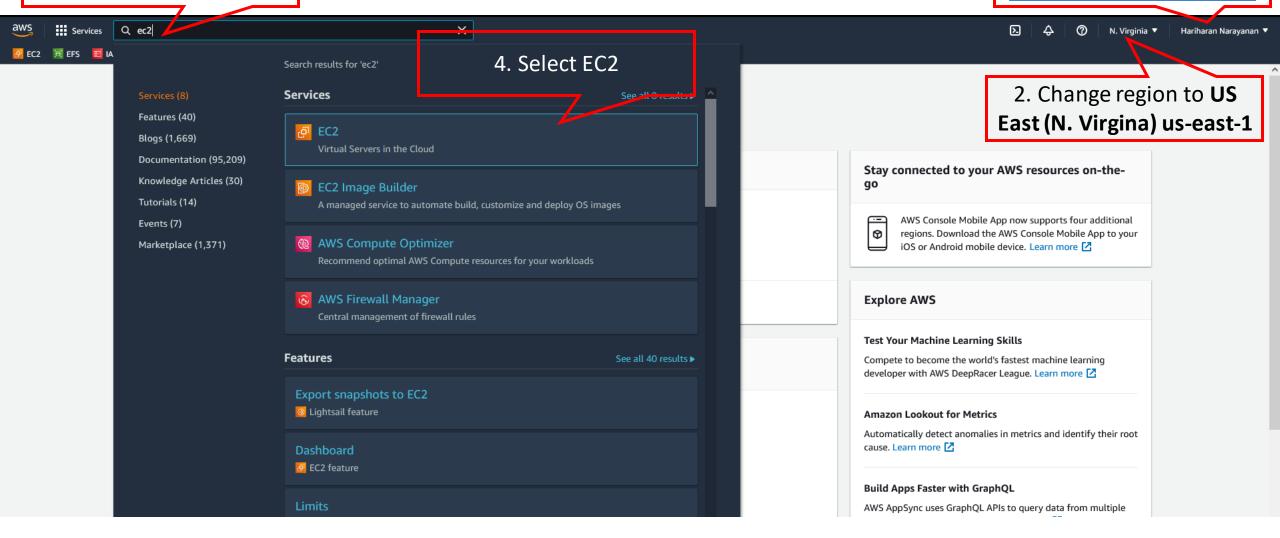
Module 2 Assignment 1

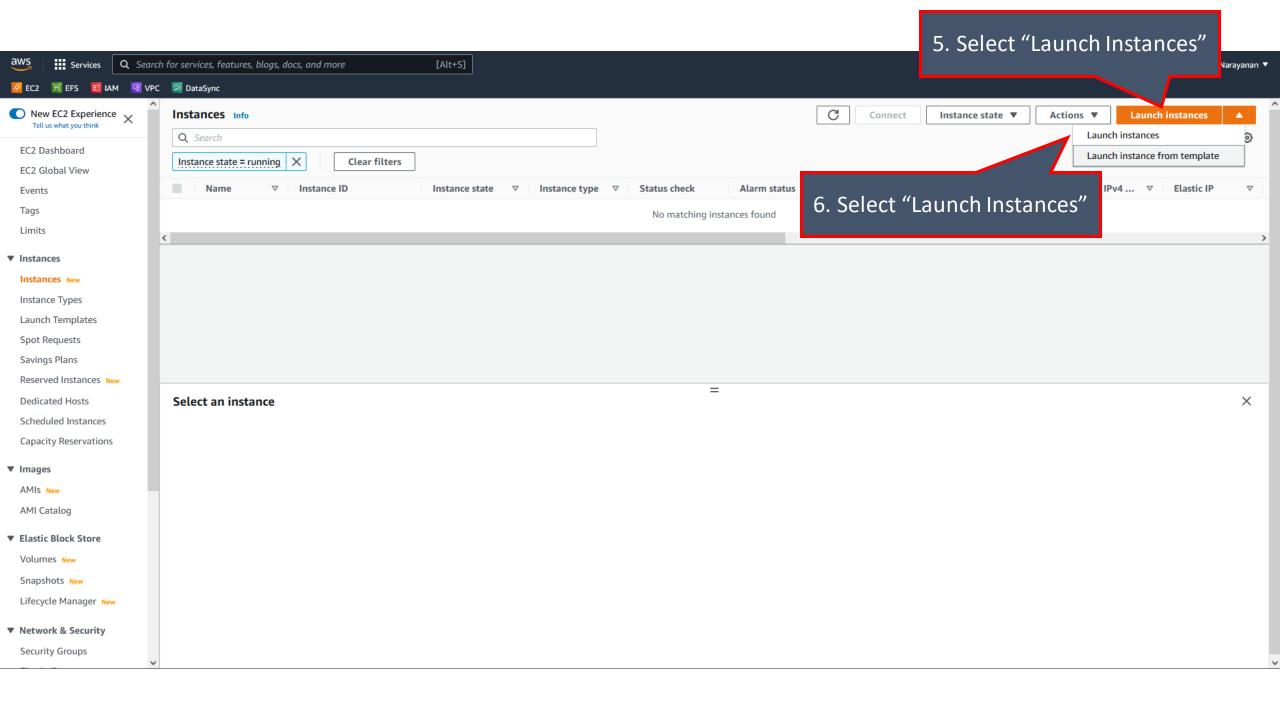
You have been asked to:

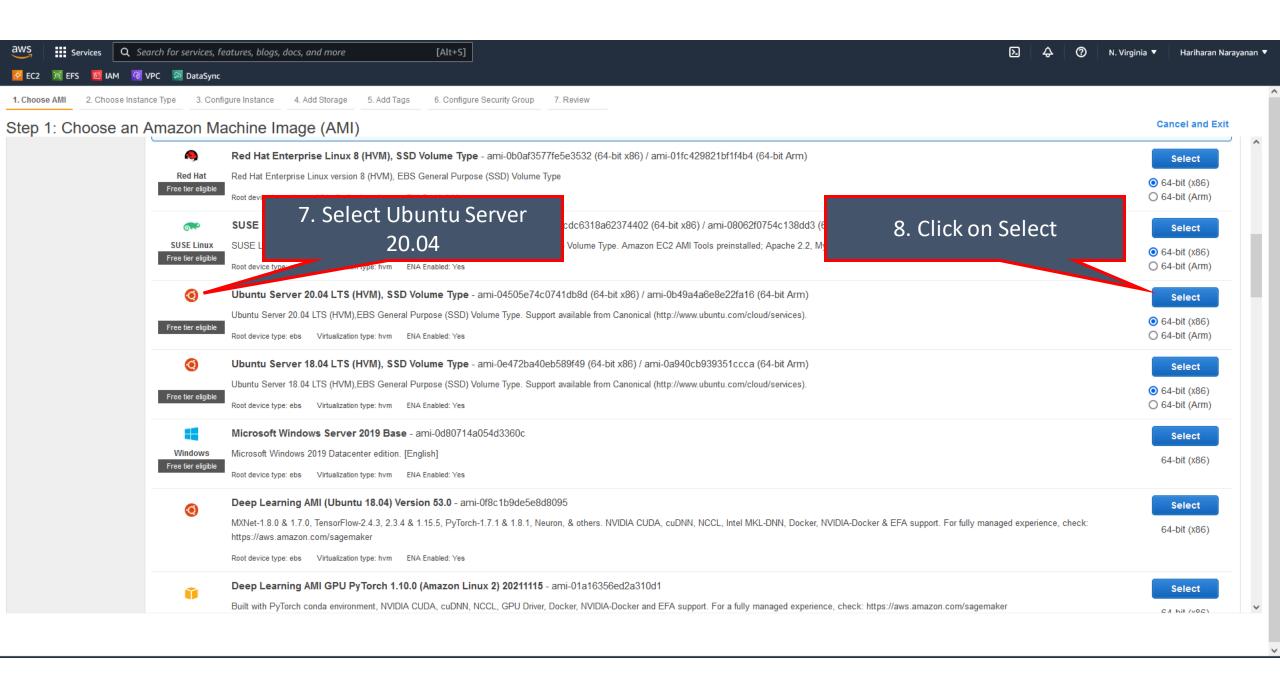
- 1. Create an Instance in us-east-1 (N. Virginia) region with an Ubuntu OS and install Nginx for making them web servers
- 2. 2. Change the default website with a hello world pag

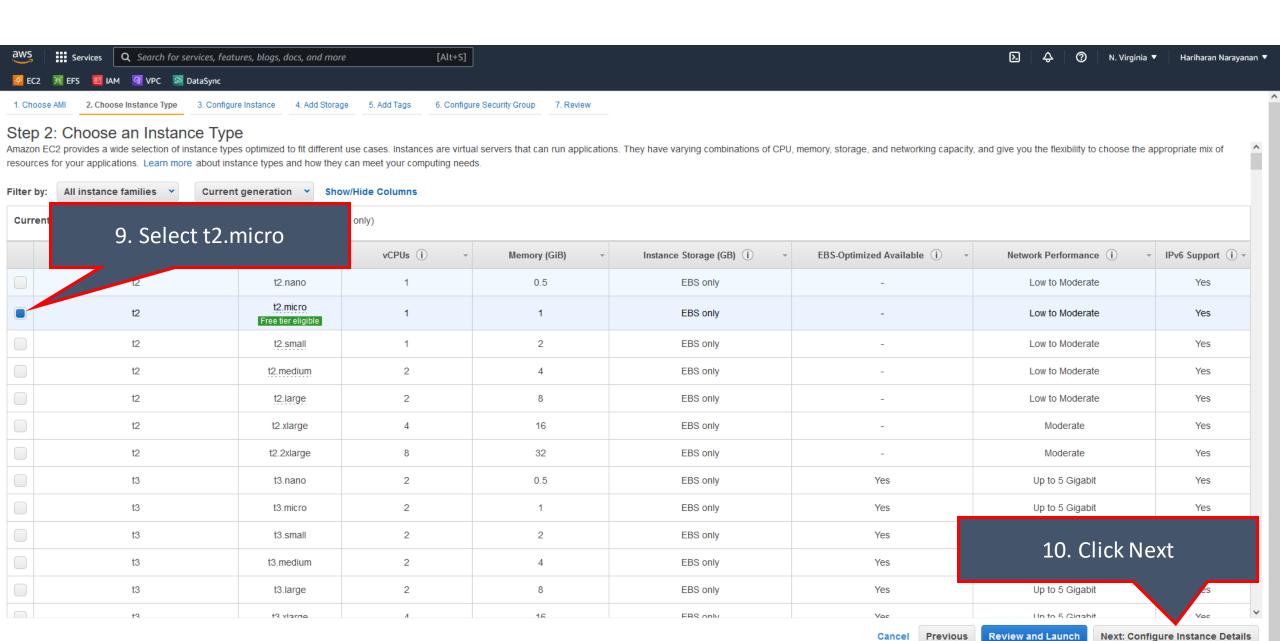
3. Type "EC2" in search bar

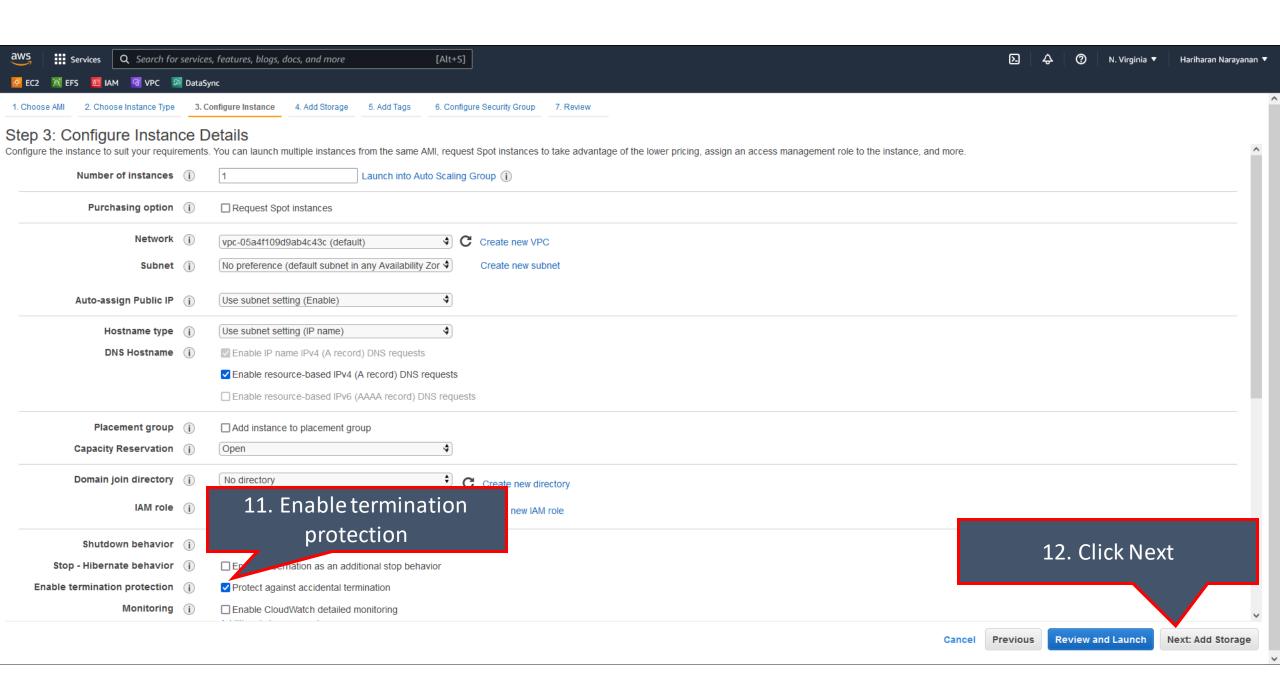
1. Login into https://aws/amazon.com

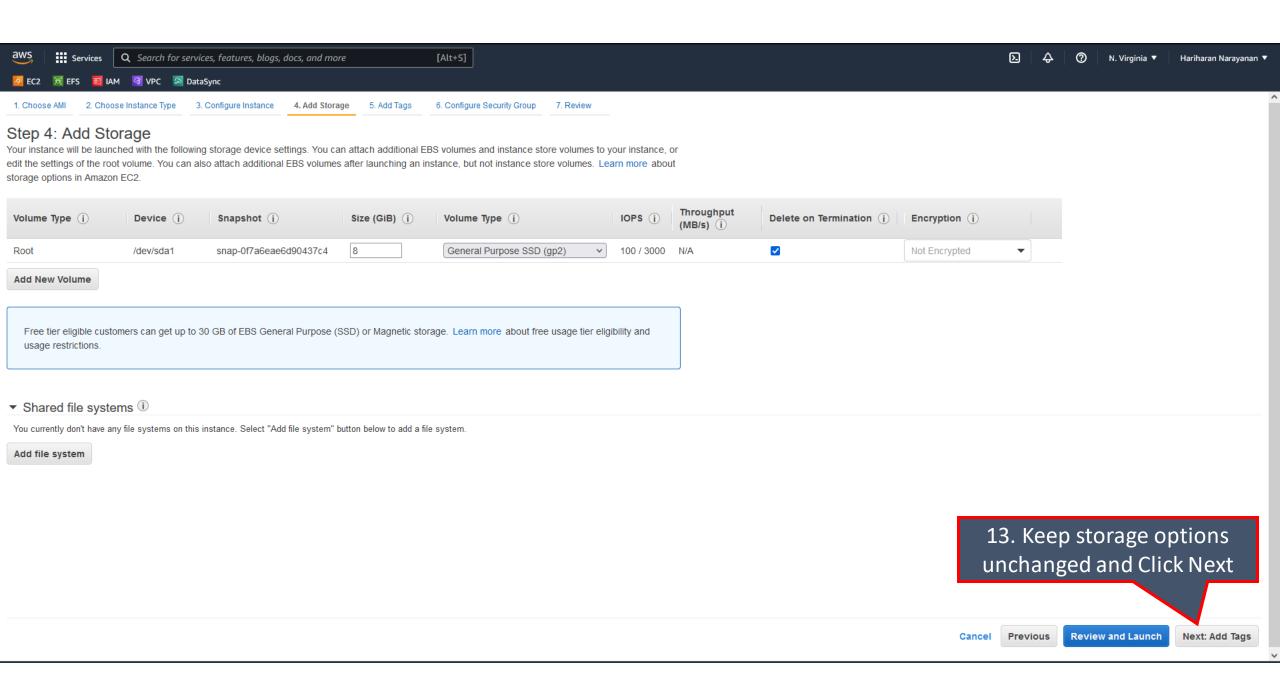


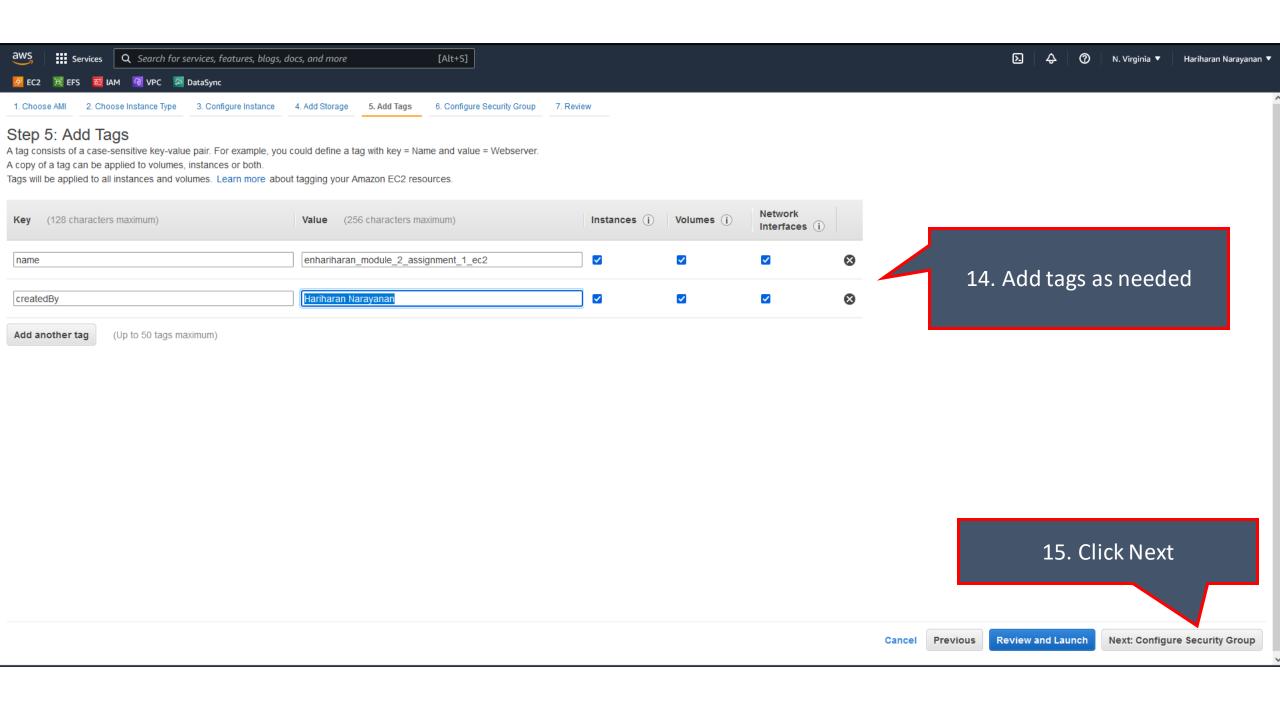


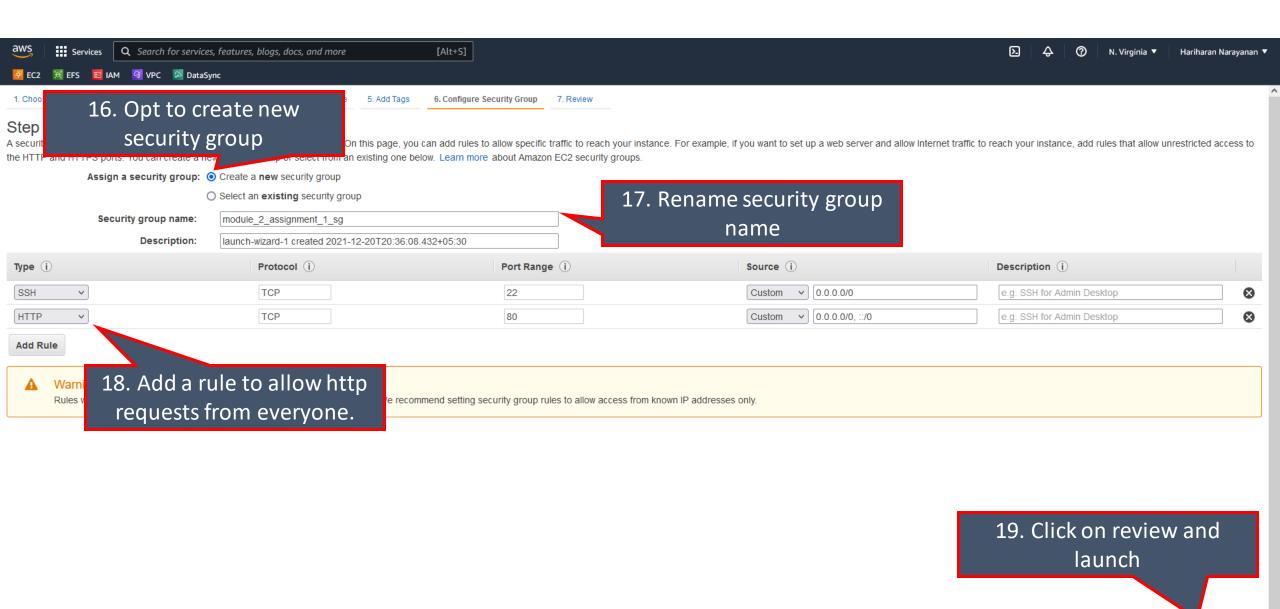








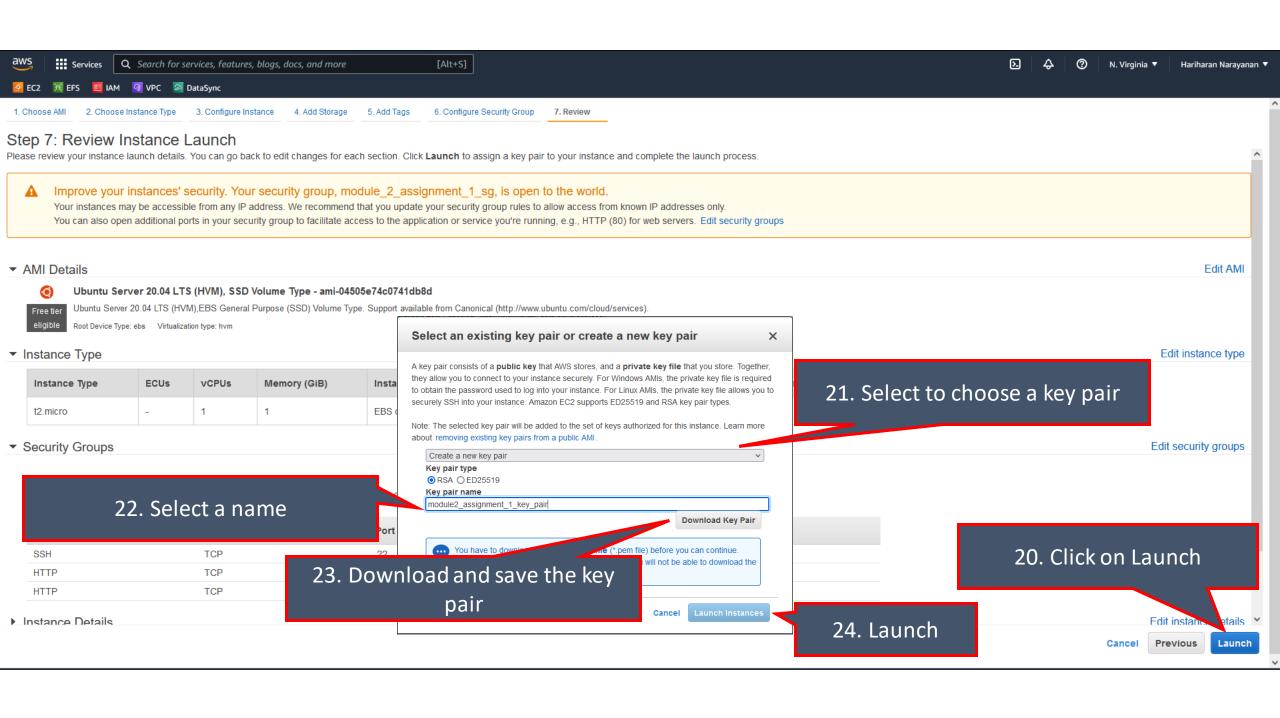




.

Review and Launch

Previous



Launch Status

Your instances are now launching

The following instance launches have been initiated: i-0f20c1cfac505b670 View launch log

1 G

Get notified of estimated charges

Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).

How to connect to your instances

Your instances are launching, and it may take a few minutes until they are in the running state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

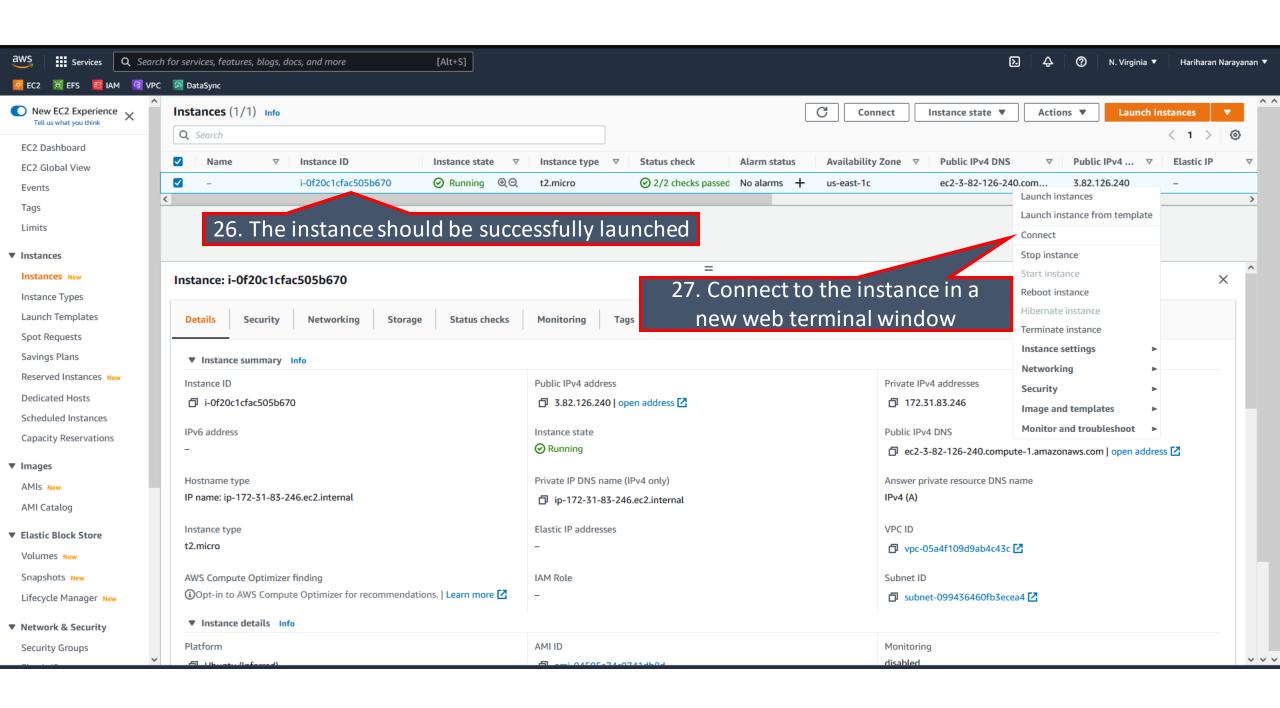
Click View Instances to monitor your instances' status. Once your instances are in the running state, you can connect to them from the Instances screen. Find out how to connect to your instances.

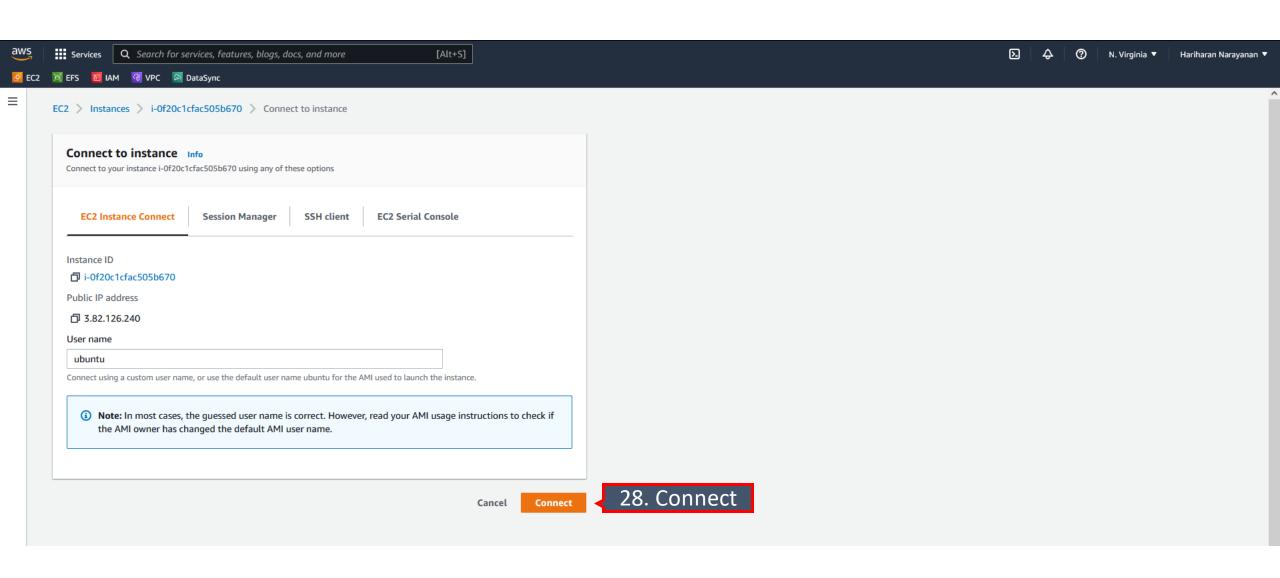
- ▼ Here are some helpful resources to get you started
- How to connect to your Linux instance
- · Amazon EC2: User Guide
- · Learn about AWS Free Usage Tier
- Amazon EC2: Discussion Forum

While your instances are launching you can also

- · Create status check alarms to be notified when these instances fail status checks. (Additional charges may apply)
- · Create and attach additional EBS volumes (Additional charges may apply)
- Manage security groups

25. Click on view instances

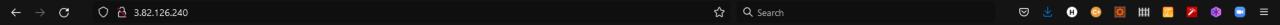




29. Install nginx



30. Open the public IP address in a browser to verify that nginx is correctly installed



Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to <u>nginx.org</u>. Commercial support is available at <u>nginx.com</u>.

Thank you for using nginx.

```
← → C ○ A https://console.aws.amazon.com/ec2/v2/connect/ubuntu/i-0f20c1dac505b670

server {
    listen 81;
    listen [::]:81;
    server_name ec1_assignment_1.hariharan.com;
    root /var/www/ec2_assignment_1;
    index index.tml;

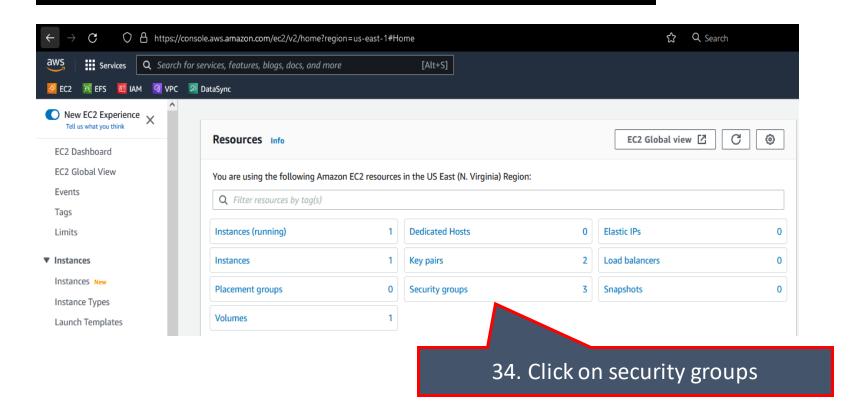
location / {
        try_files $uri $uri/ = 404;
}
```

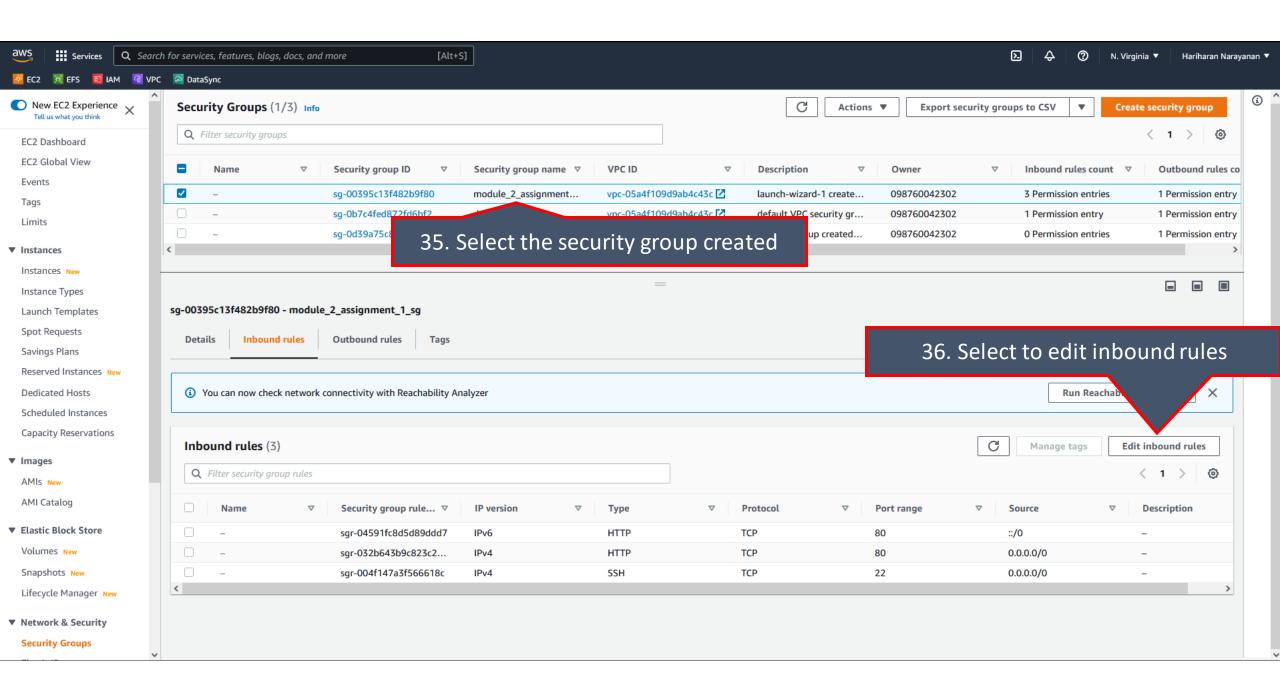
31. Create an nginx site and save it in /etc/nginx/sites-enabled/module2_assignment_1_site

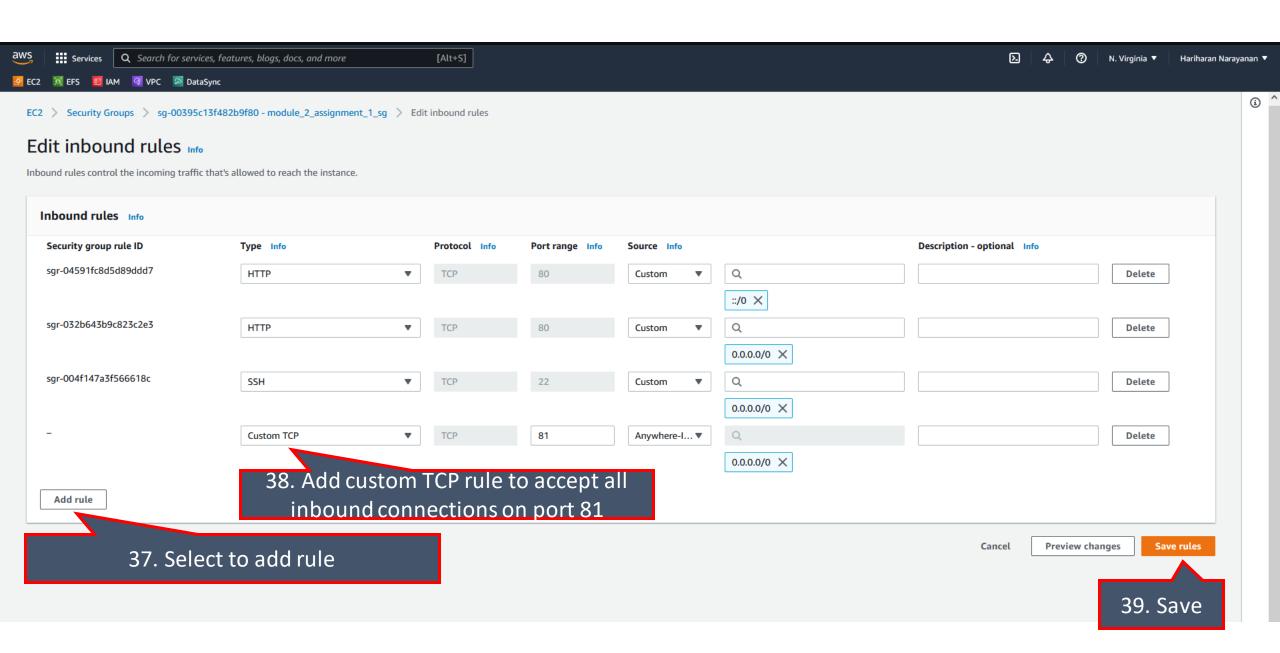
32. Create the HTML file /var/www/ec2_assignment_1/index.html

```
ubuntu@ip-172-31-83-246:~$ sudo nginx -s reload ubuntu@ip-172-31-83-246:~$ ■
```

33. Restart nginx to load the new configuration







40. Open the IP address with port 81 in a web browser (using http://only). The new website must open successfully



Submission for EC2 Assignment 1

This is the submission for EC2 Assignment 1