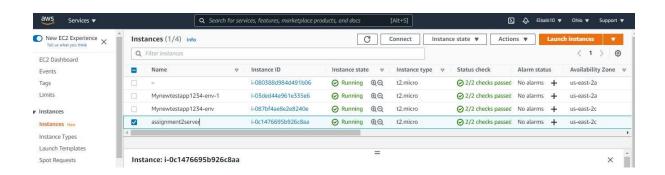
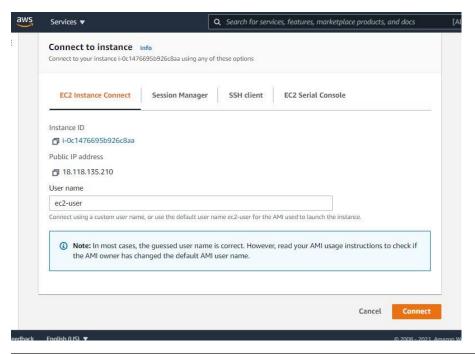
# Day 2

### Assignment 2 – Working with EC2 Compute

- 1. Create with EC2 compute
- 2. Connect to an instance and run a system update
- 3. Enable termination protection and check how it works
- 4. Disable termination protection and terminate the instance

# Launch Status ✓ Your instances are now launching The following instance launches have been initiated: i-0c1476695b926c8aa View launch log ✓ 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 few 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



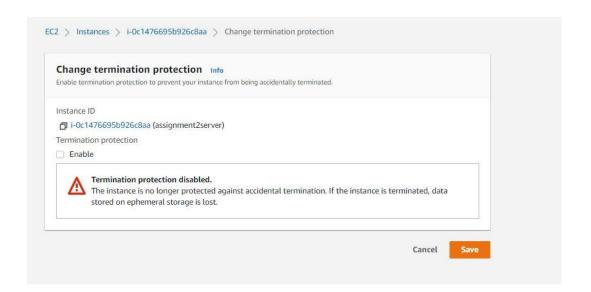


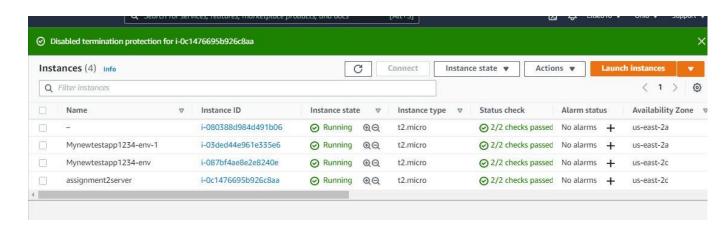
```
__| __| __| Amazon Linux 2 AMI ___| Apackage(s) needed for security, out of 16 available Run "sudo yum update" to apply all updates. [ec2-user@ip-172-31-41-117 ~]$ ■
```

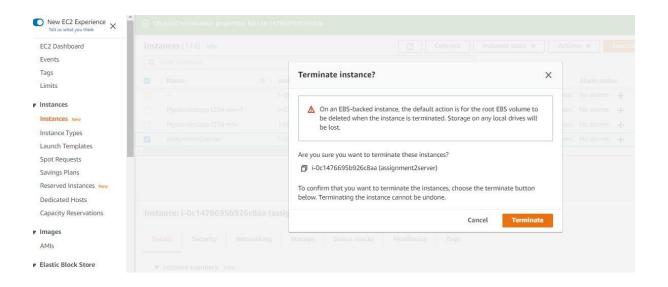
i-0c1476695b926c8aa (assignment2server)

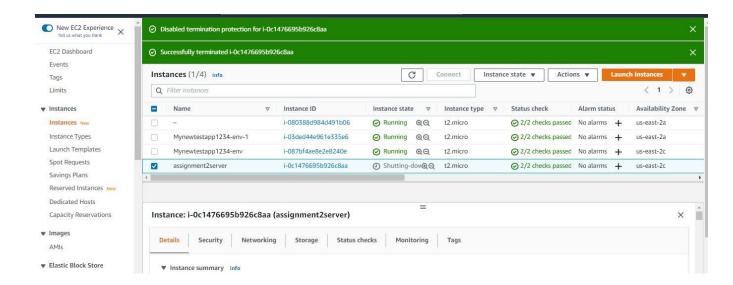
i-0c1476695b926c8aa (assignment2server)

i-0c1476695b926c8aa (assignment2server)



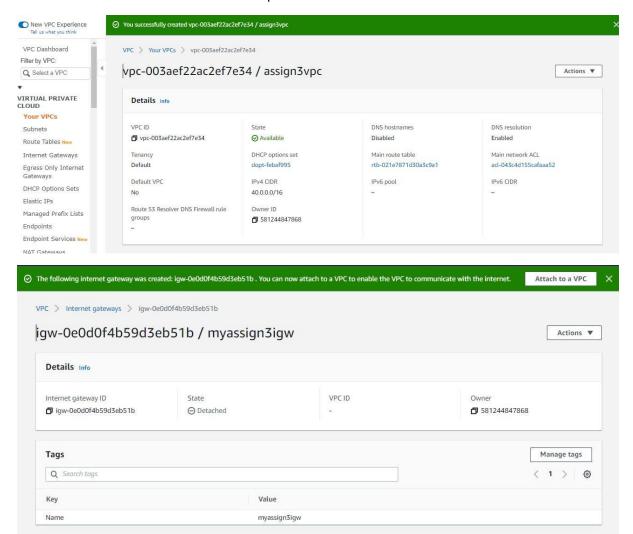


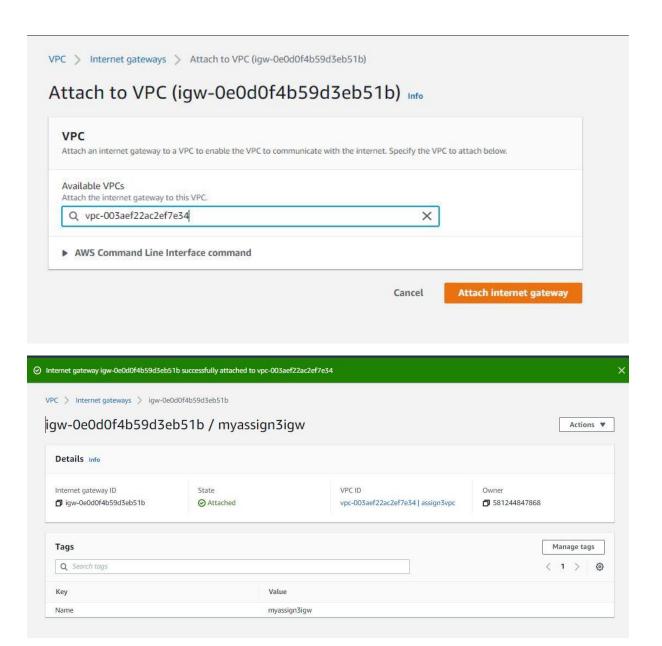


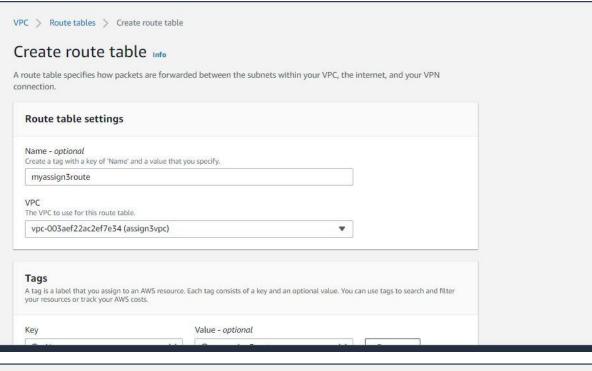


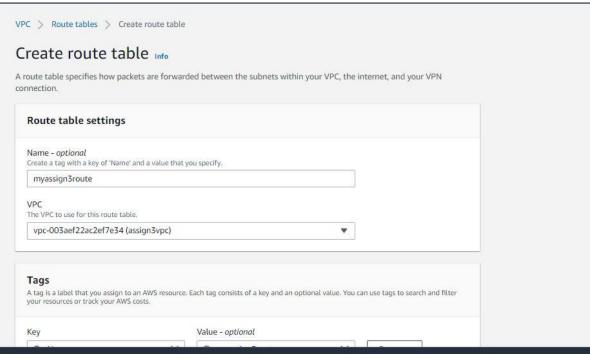
## Assignment 3 – Working with VPC

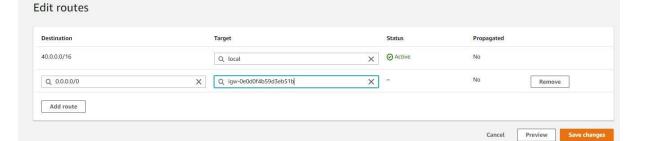
- 1. Create a VPC
- 2. Create a internet gateway and attach to VPC
- 3. Create a route table and add route to igw
- 4. Make the custom route table the main table
- 5. Create the subnet
- 6. Modify auto assign IP settings for the subnet
- 7. Launch a ec2 instance in custom vpc



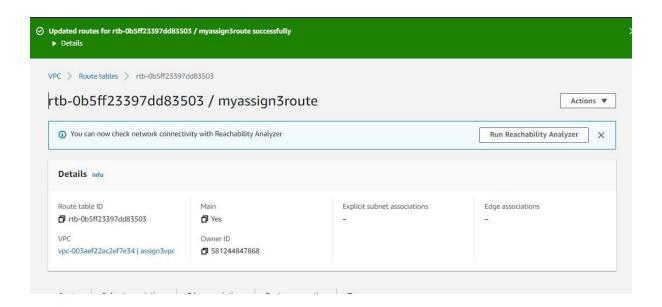


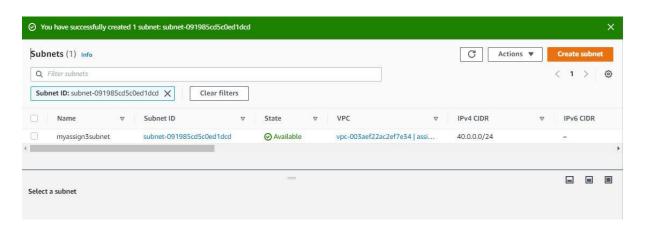


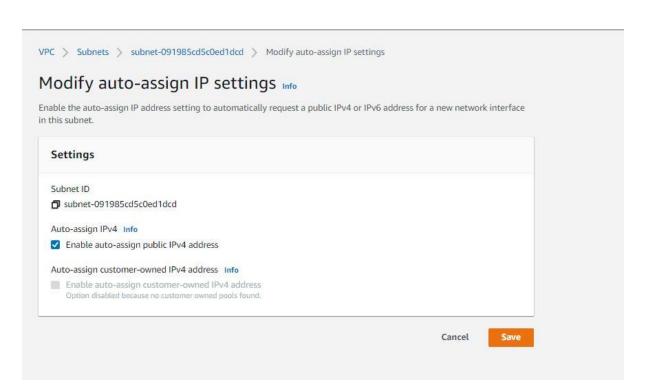


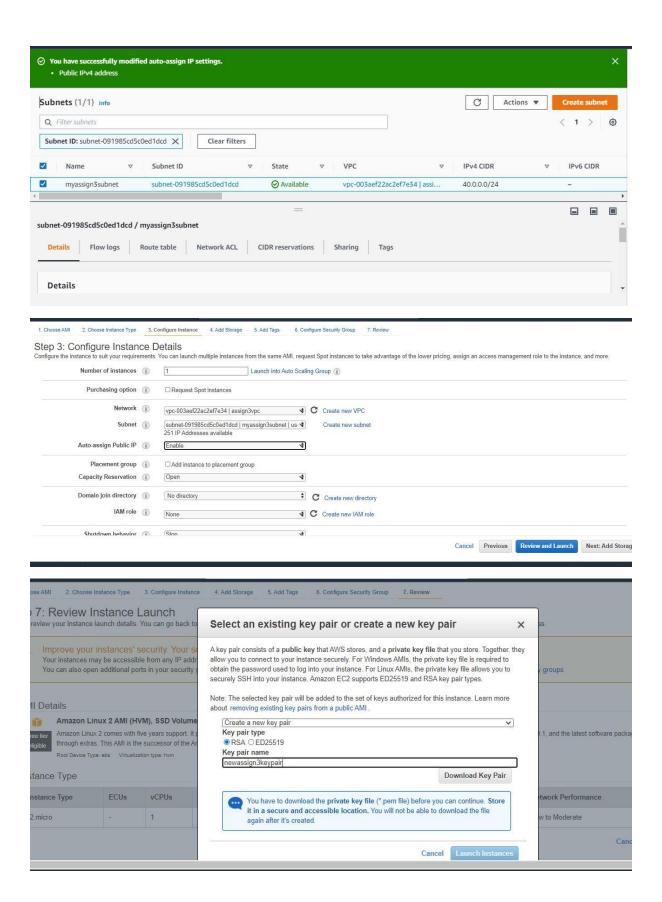


VPC > Route tables > rtb-0b5ff23397dd83503 > Edit routes









### Launch Status

Your instances are now launching
The following instance launches have been initiated: i-03bfe85b16bed41d2
View launch log

6 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).

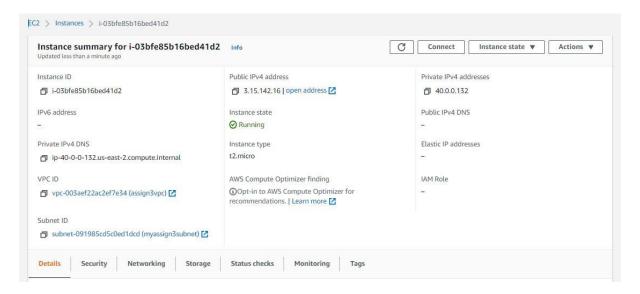
How to connect to your instances

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.

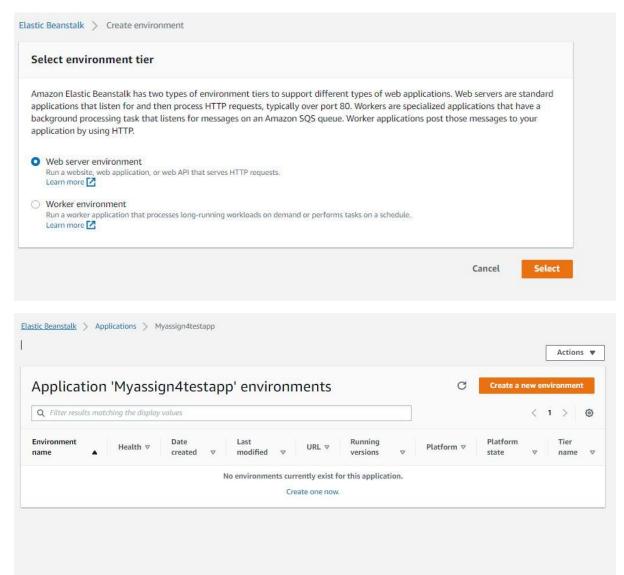
- ▼ Here are some helpful resources to get you started
- How to connect to your Linux instance
- Amazon EC2: User Guide
- Learn about AWS Free Usage Tier
- Amazon EC2: Discussion Forum

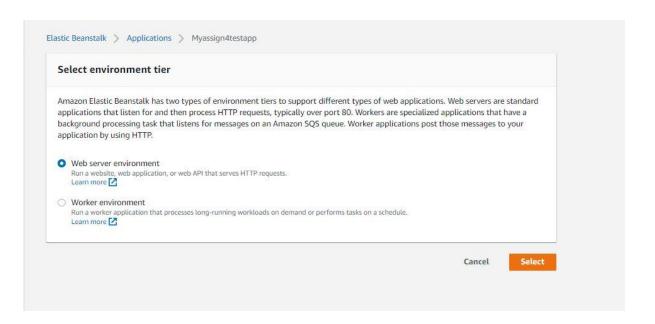
While your instances are launching you can also



### Assignment 4 – Deploying an application on Elastic beanstalk

- 1. Create an elastic beanstalk application
- 2. Create web server environment
- 3. Deploy a sample application





Environment information	
Choose the name, subdomain, and description for you	ur environment. These cannot be changed later.
Application name	
Myassign4testapp	
Environment name	
Myassign4testapp-env	
Oomain	
Leave blank for autogenerated value	.us-east-2.elasticbeanstalk.
Check availability	
Description	
Test setting up web environment for assignment 4	

