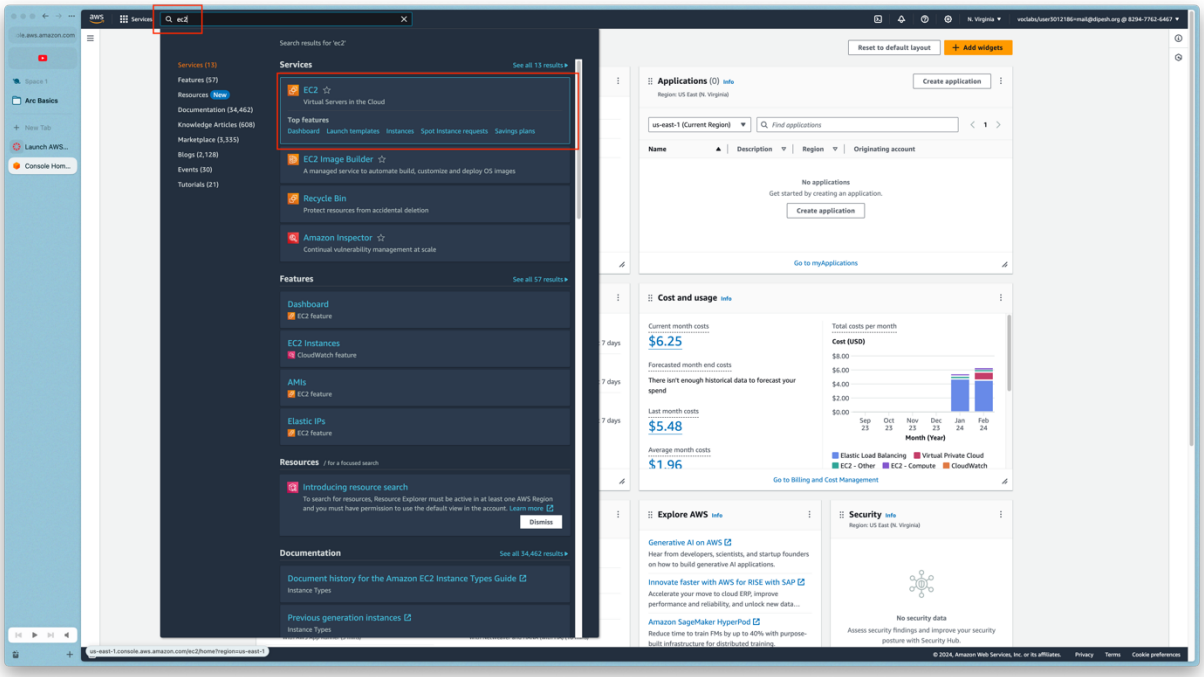
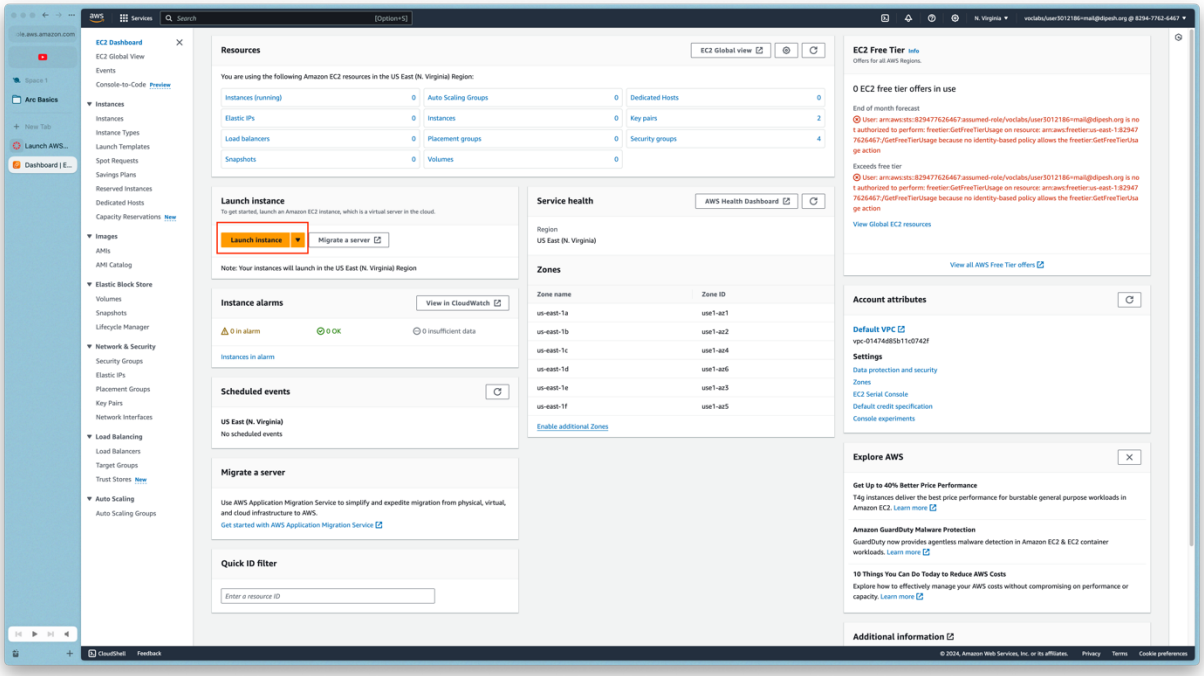
Basic Labs

1. EC2 Basics Lab:

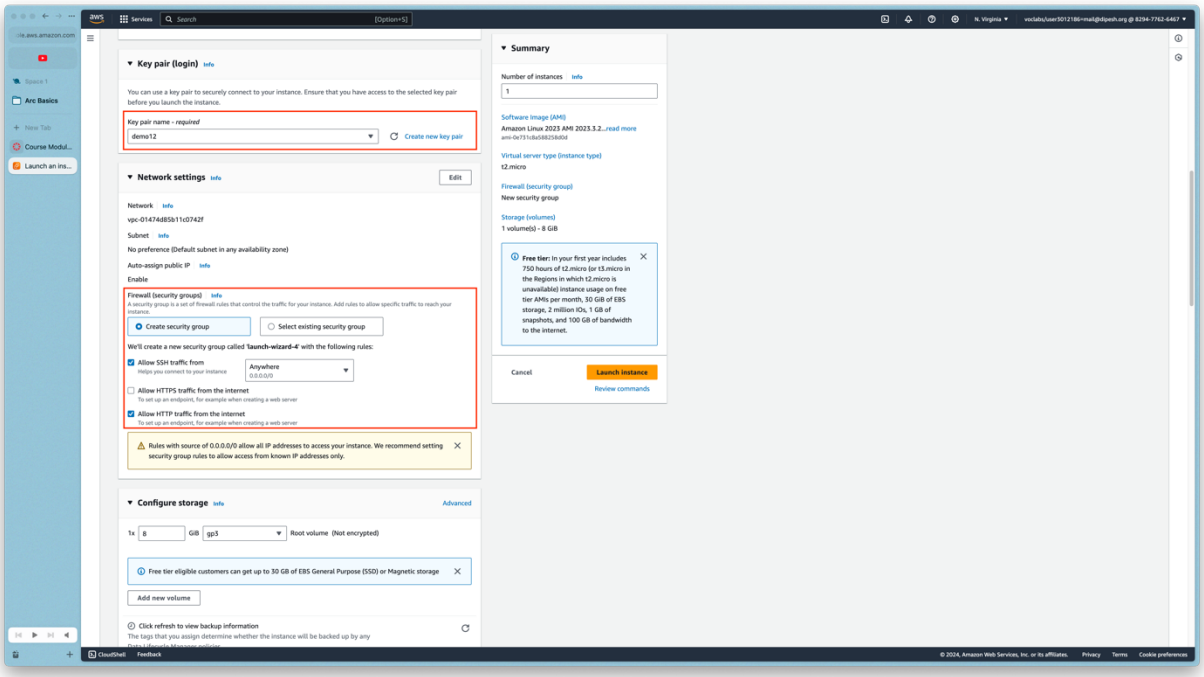
To set up an EC2 instance, search EC2 in the search bar and click on EC2.



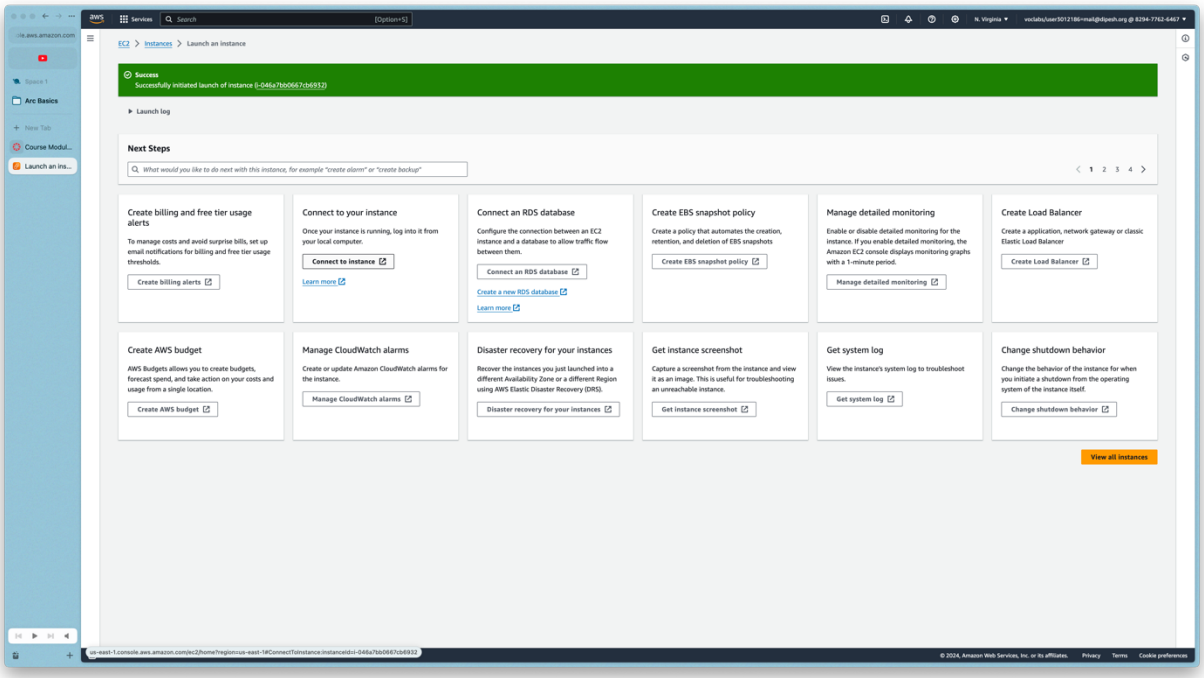
Click on “Launch Instance” button.



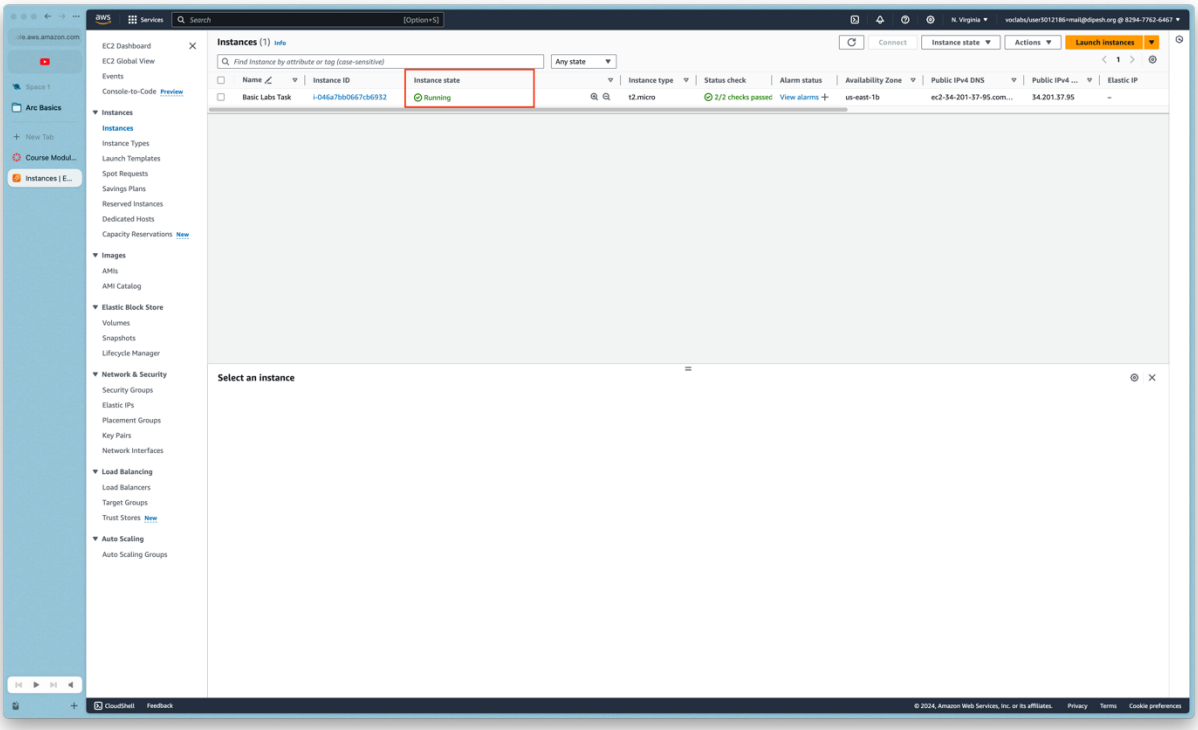
I have configured the settings as per my needs. I have created a new key pair and allowed SSH and HTTP on security group.



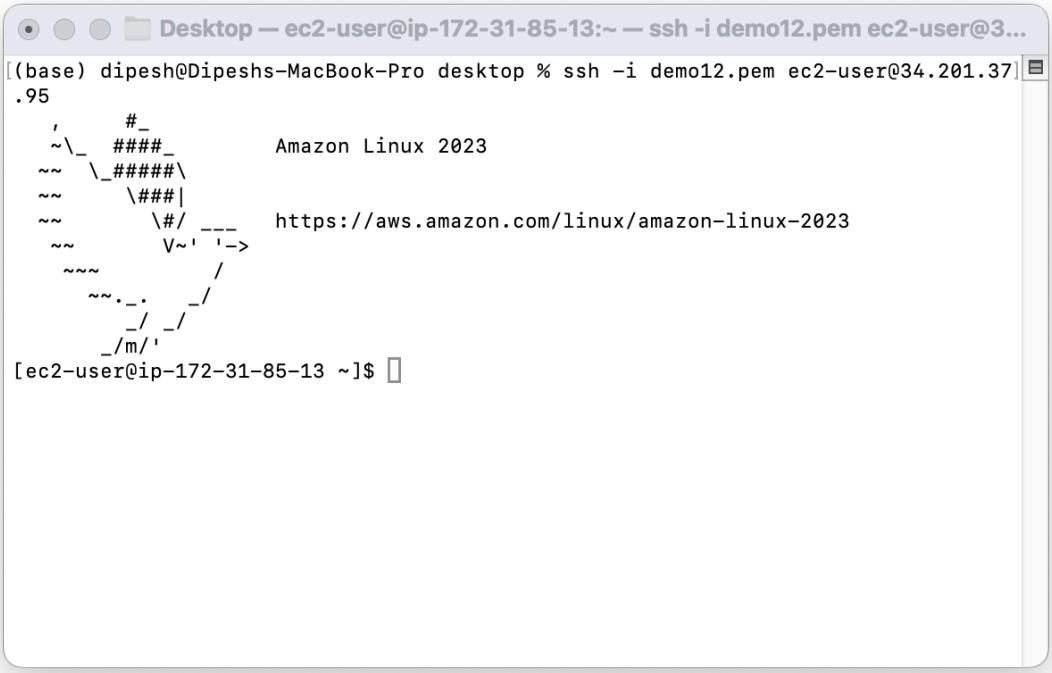
Click on “Launch Instance” to start the instance.



Wait for few minute for the instance to finish setting up. You will get an “Running” message on Instance state once the EC2 instance setting has completed.

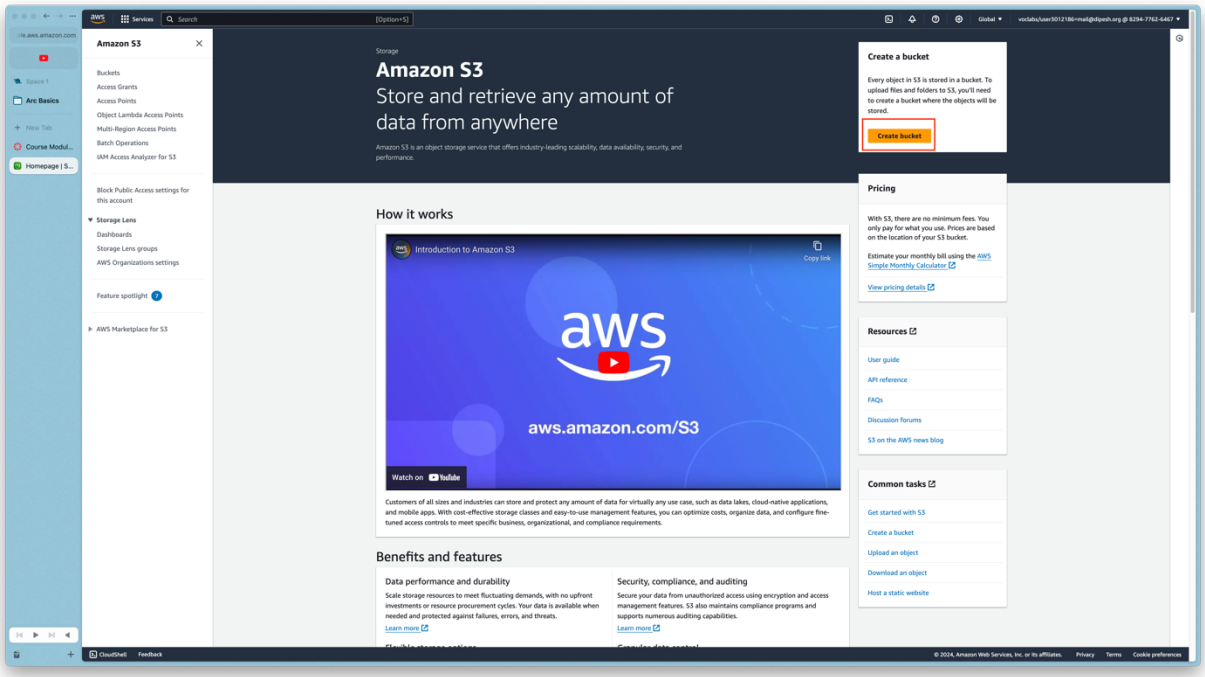


Using the key, we can connect to the server using SSH.

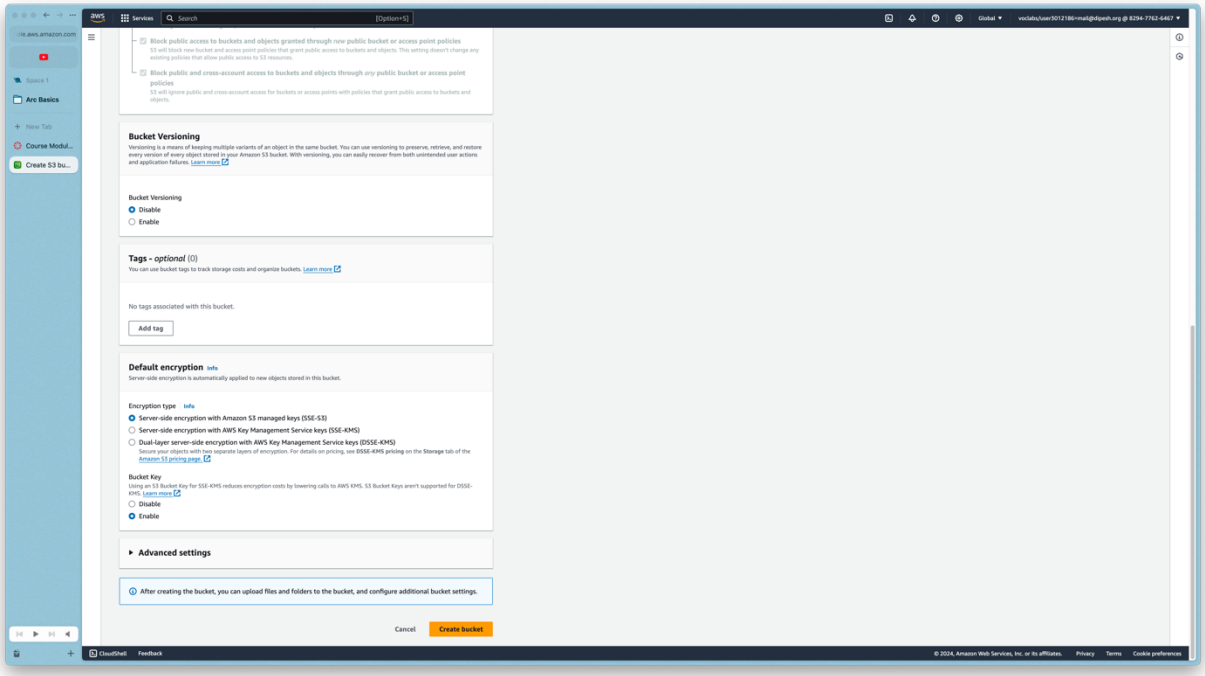


2. S3 Storage Fundamentals Lab:

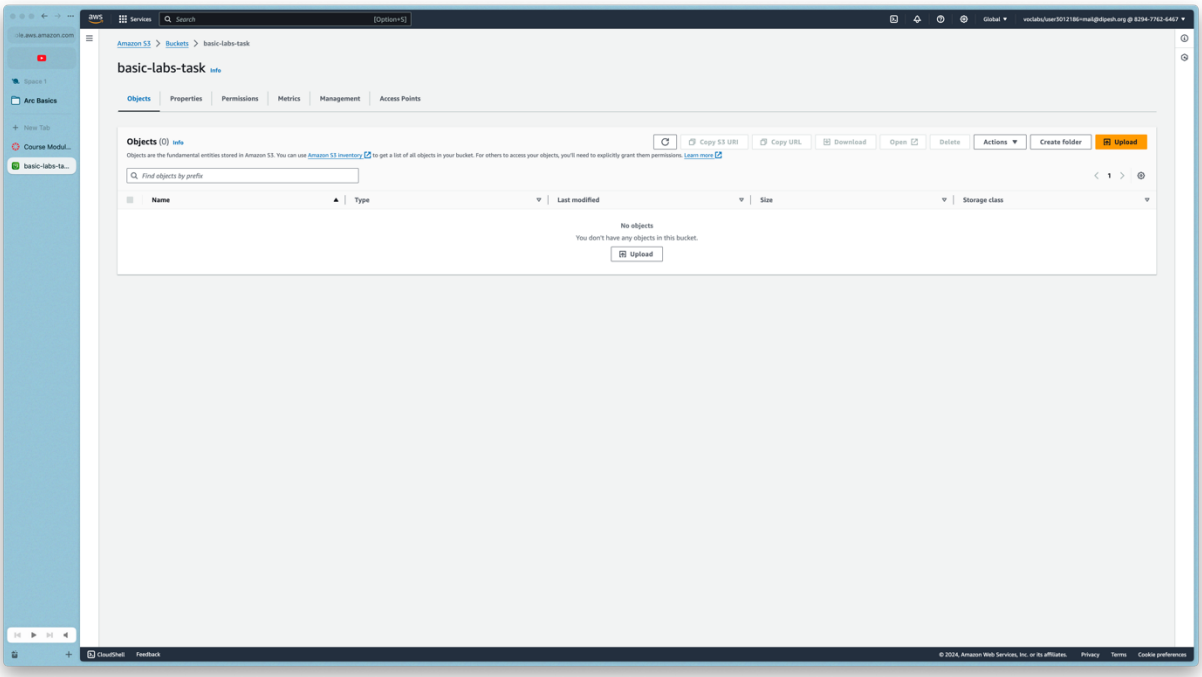
To create a S3 bucket (bucket is like a container for storing data), search for S3 on search bar and once on page there is a button “Create Bucket”.



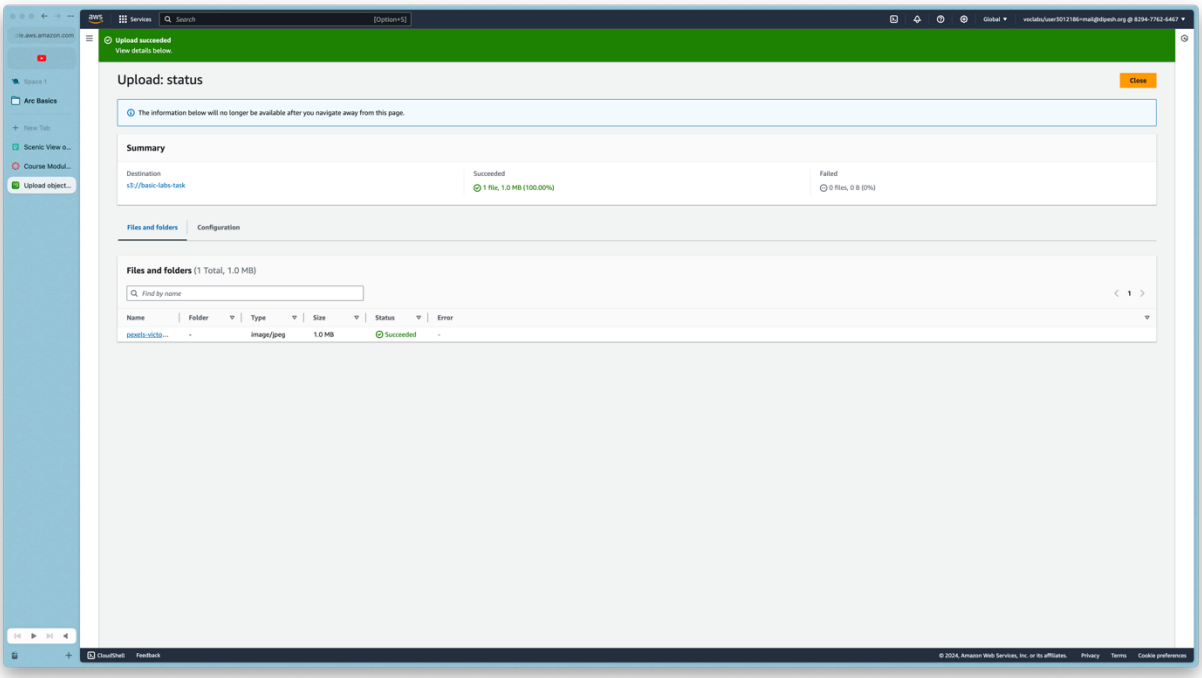
Configure the bucket as per the needs clicking on “Create bucket” will create a bucket.



This is the bucket, I have created, it’s empty right now.

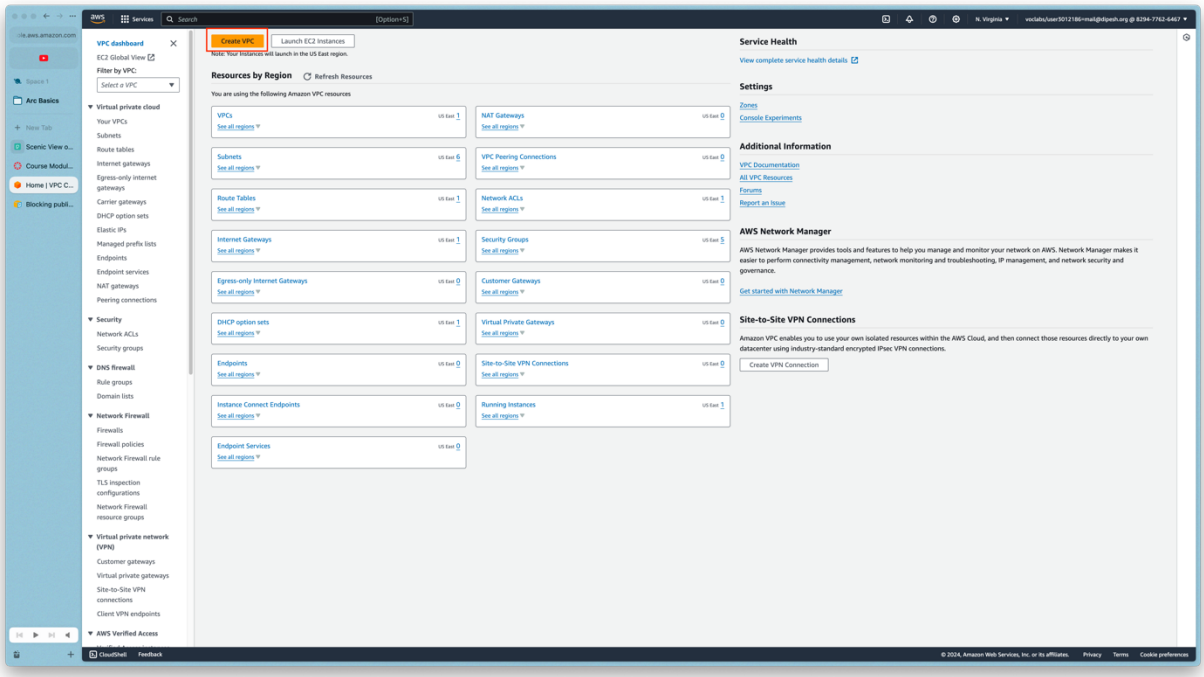


Let’s add some files which are referred to as objects in the bucket.

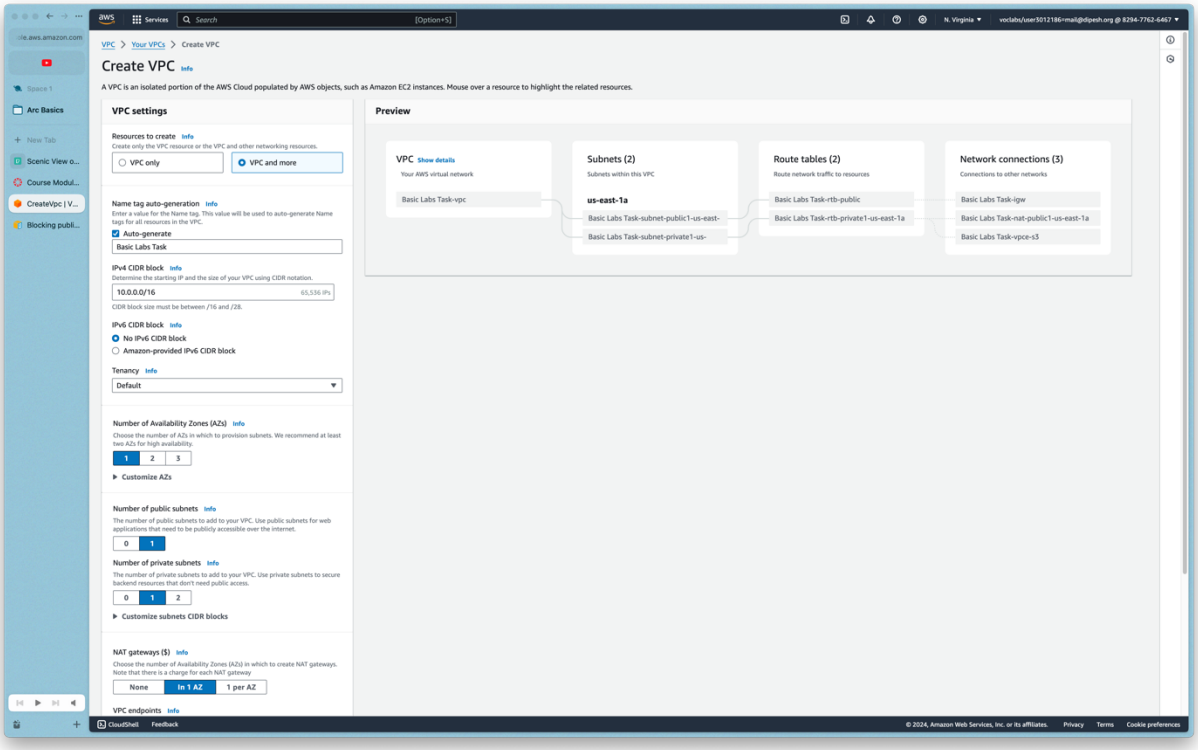


3. VPC Configuration Lab:

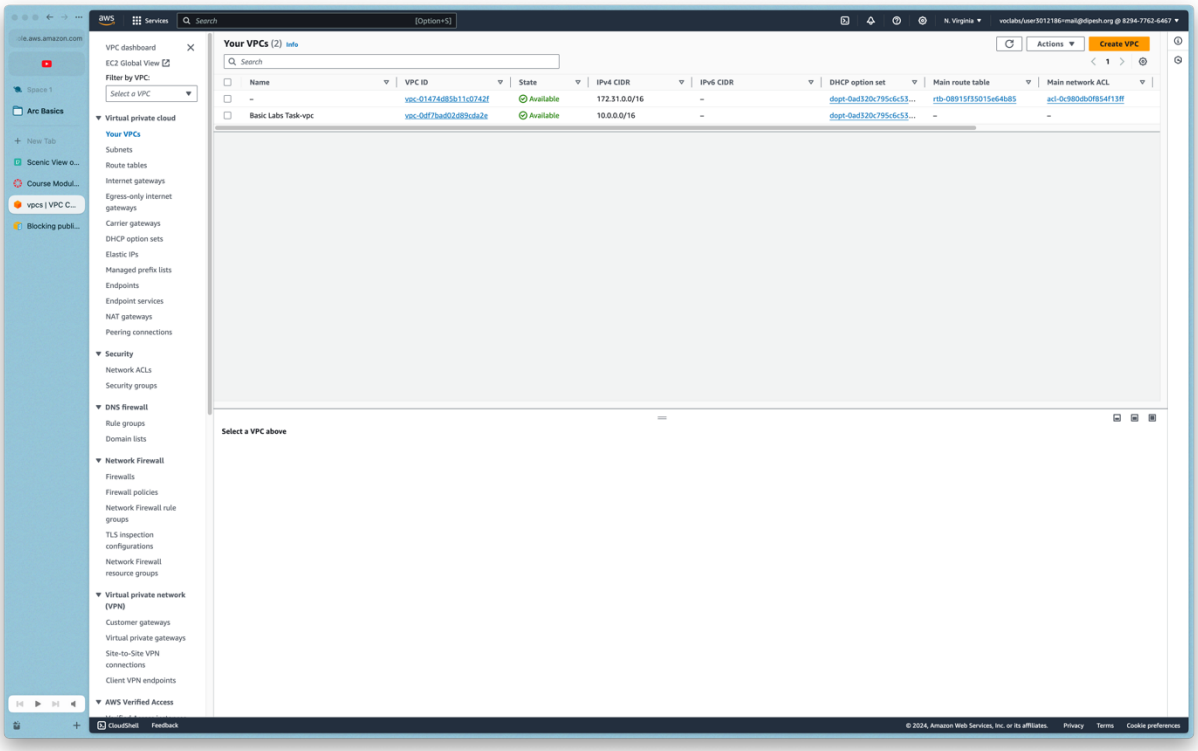
New VPC can be created by clicking the button “Create VPC”.



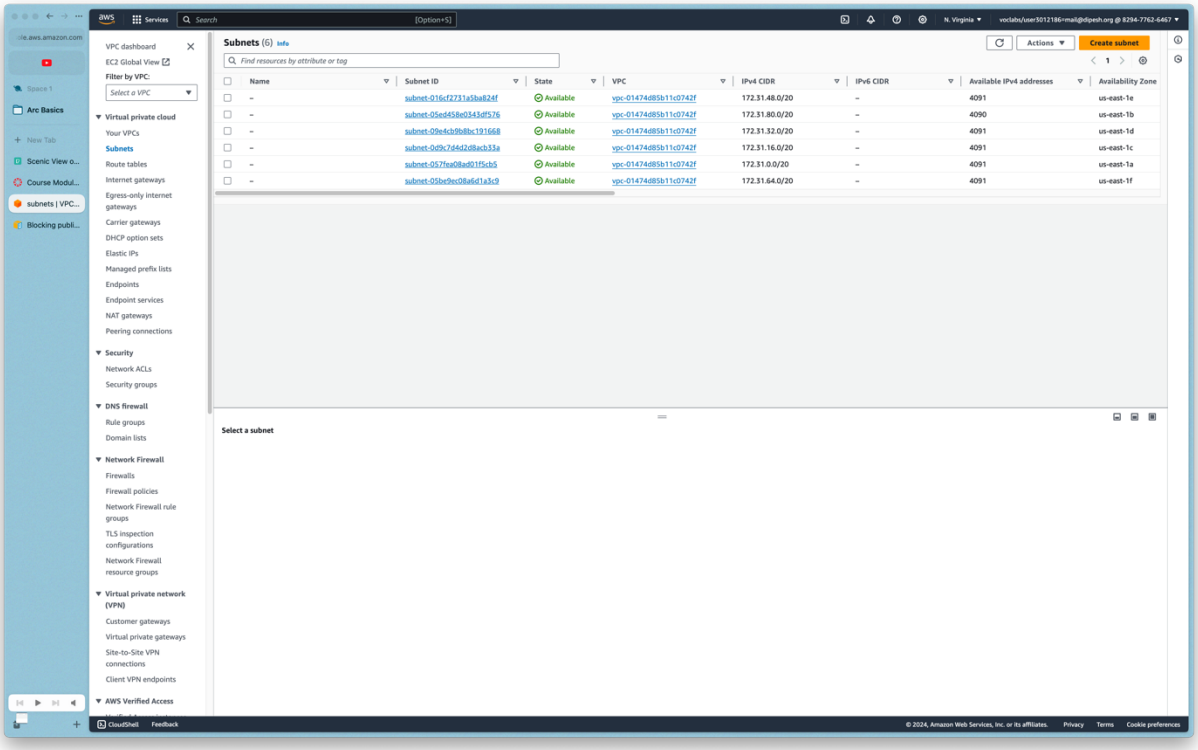
Configure the VPS setting



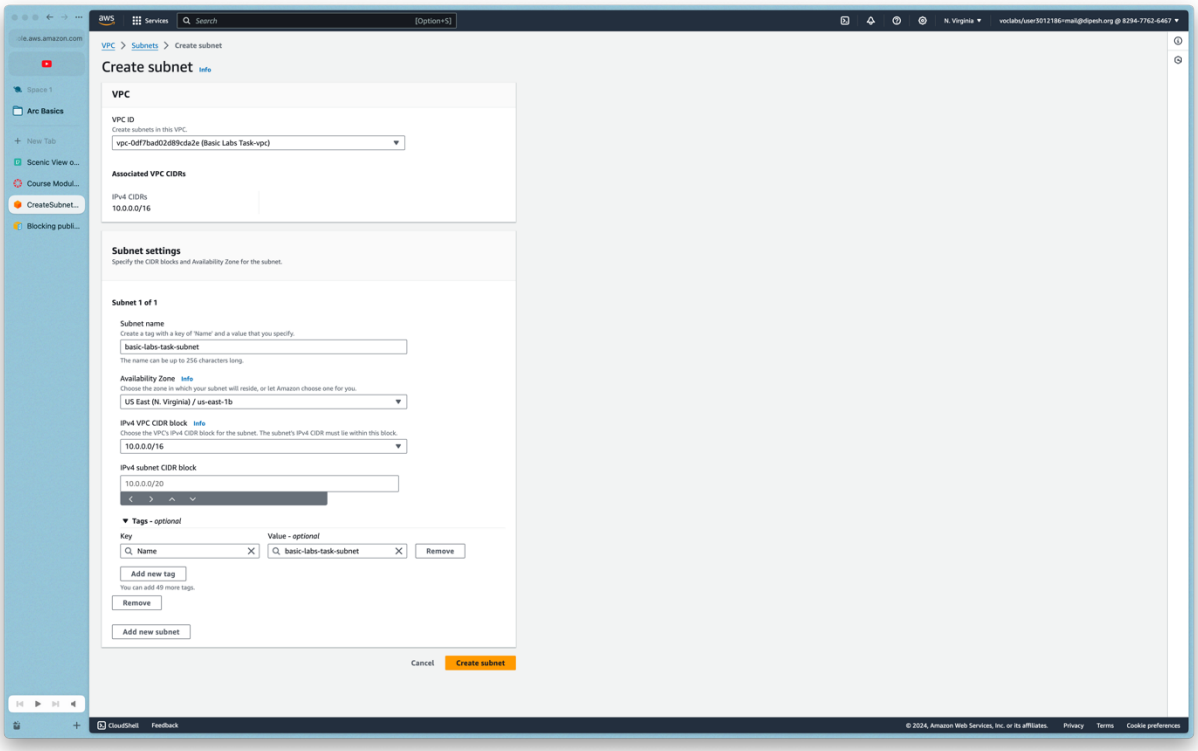
The VPS is set up successfully and up and running.



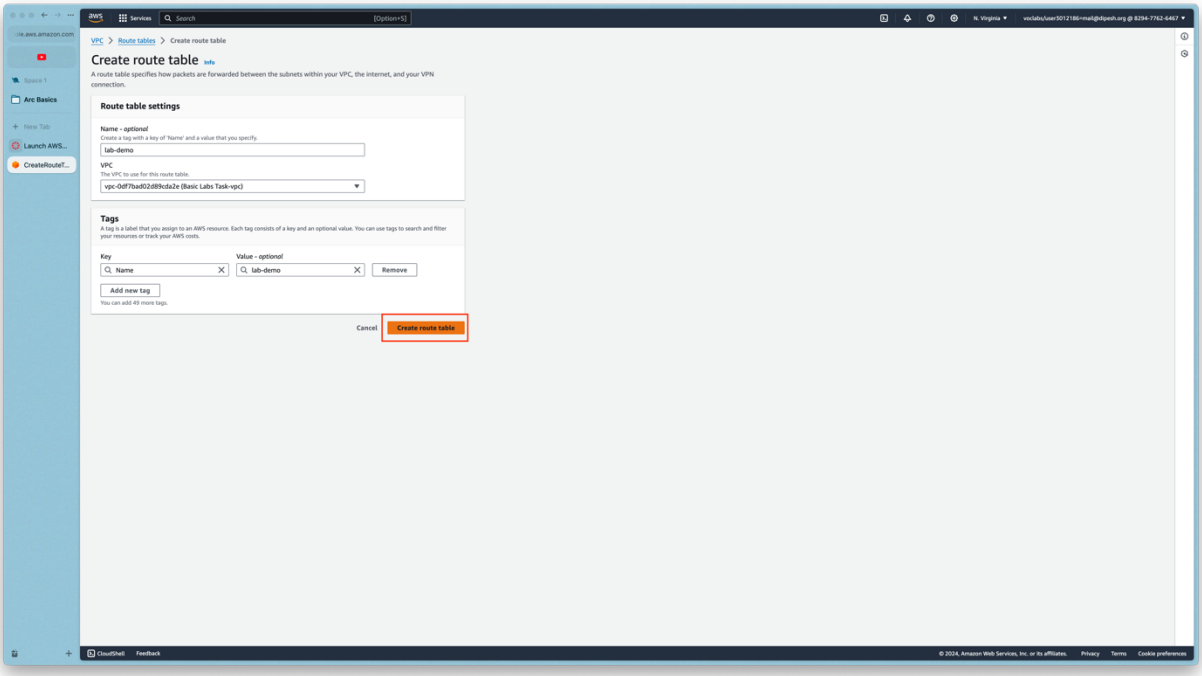
Similarly, subnets can be created by clicking the subnets under Virtual Private Cloud tab.



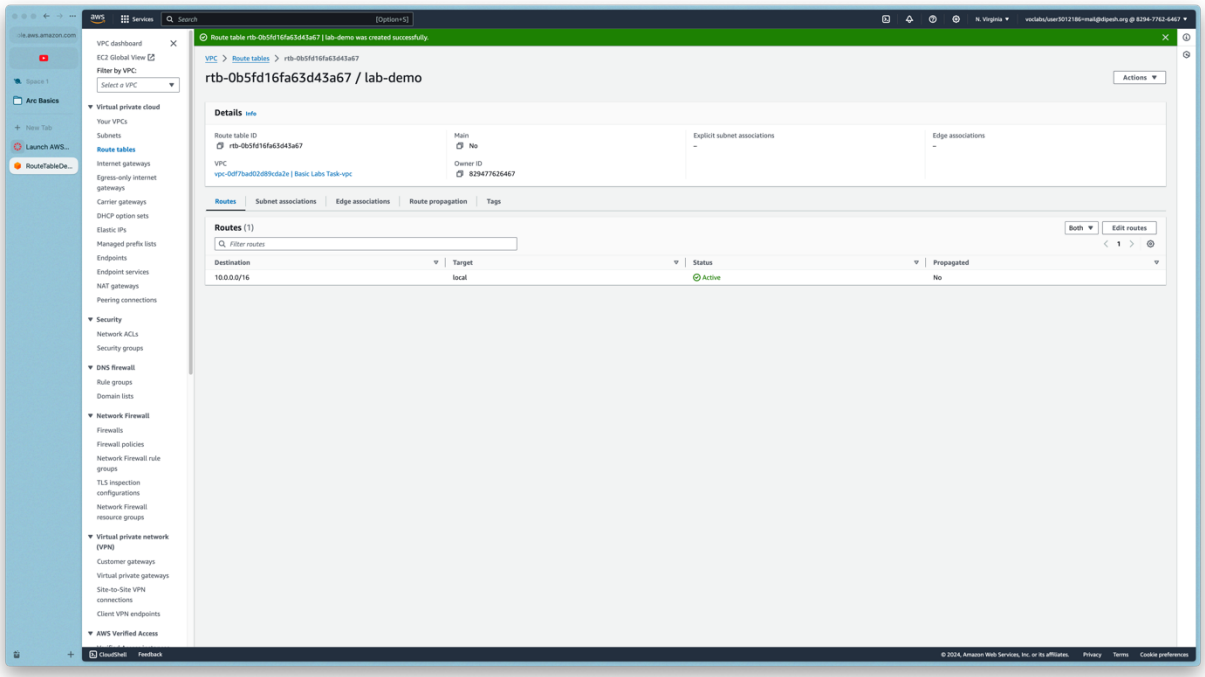
Configure the settings for setting up subnets and click “Create subnet” button at the end of page.



The same process goes for creating route table.

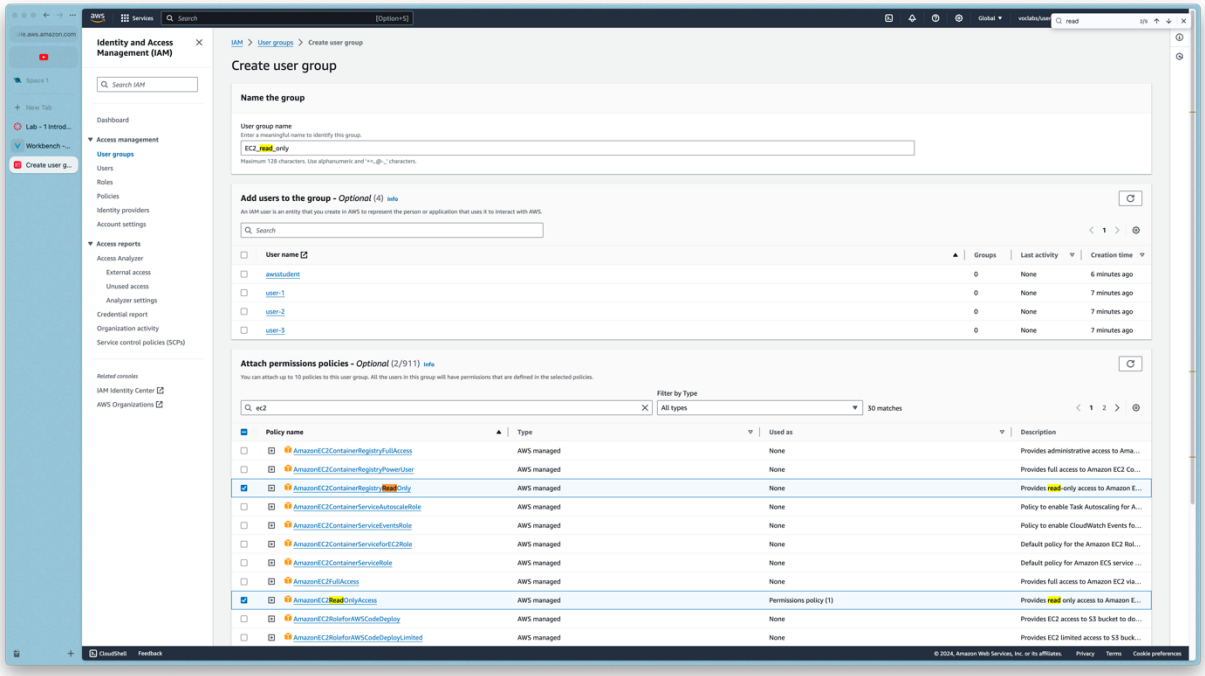


Route Table is created successfully.

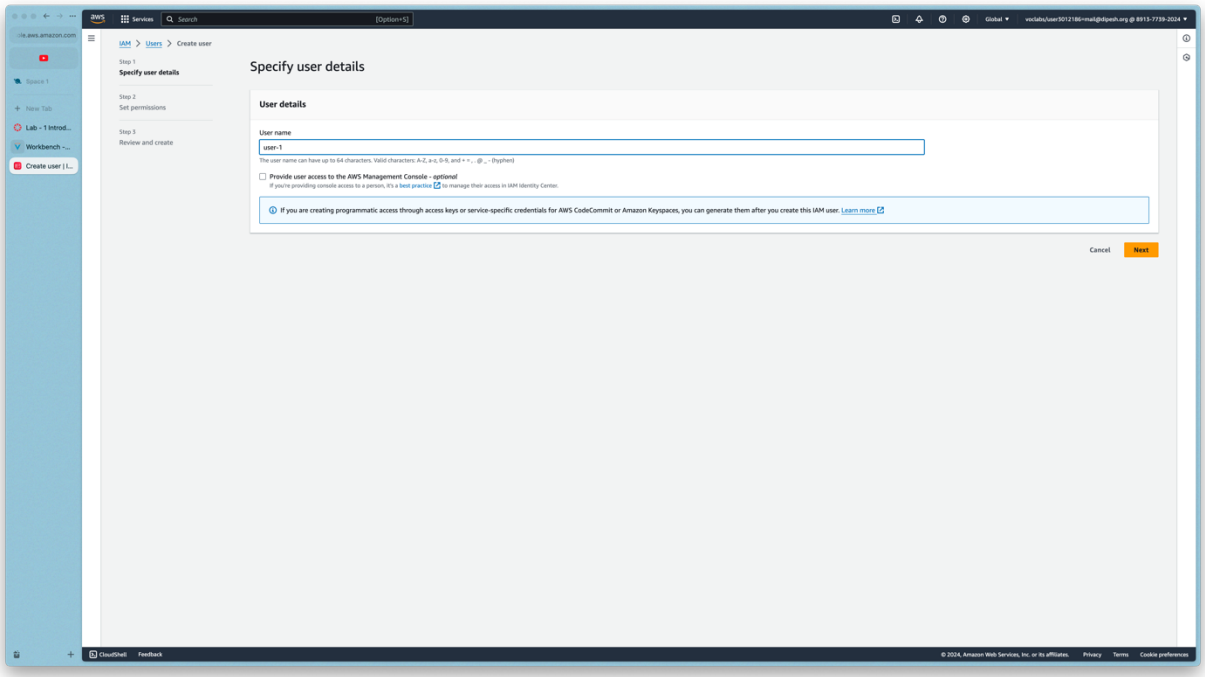


4. IAM Users and Roles Lab

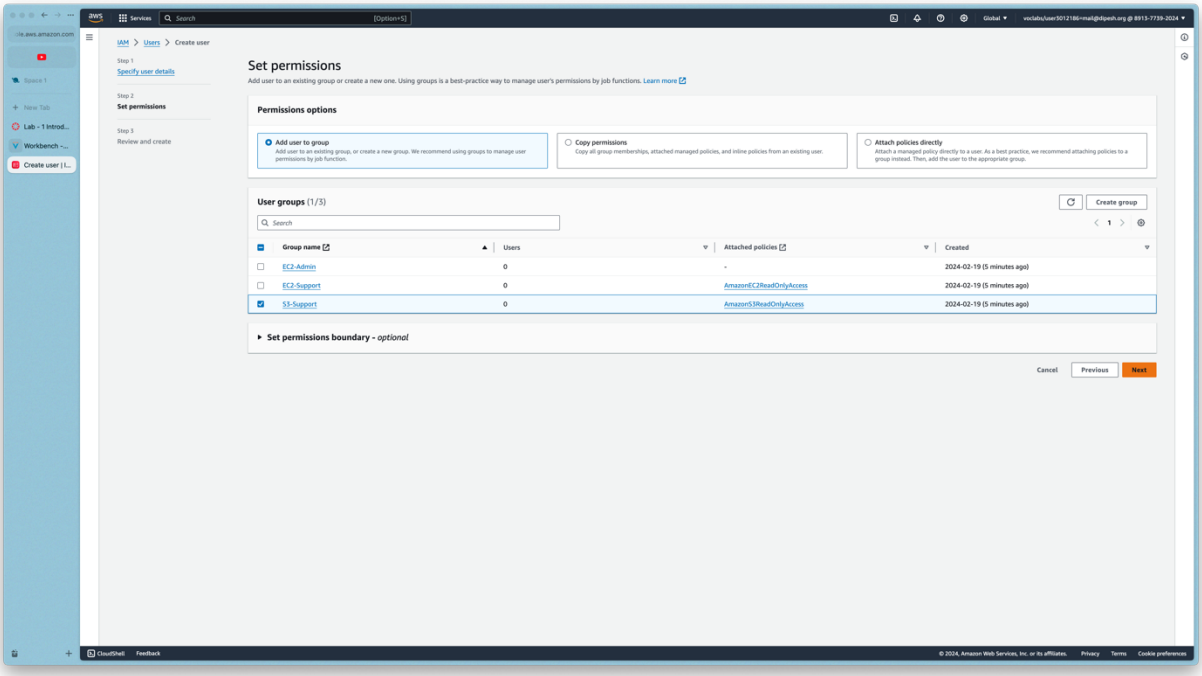
Creating user group, you can search for IAM in search bar and click on IAM. You can add users to group. For example if an user is assigned to group with permissions for viewing EC2 instance, he/she can only view the instance and cannot make any changes to the instance.



You can also create user, give the username in the username box and click “Next”.



If user group is already created, you can simply add that user to the group.



Review the user name and permissions click on “Create user” to create the user.