Wk3: ACF Lab 2: Build a VPC and launch a Web Server

COS20019: Cloud Computing Architecture

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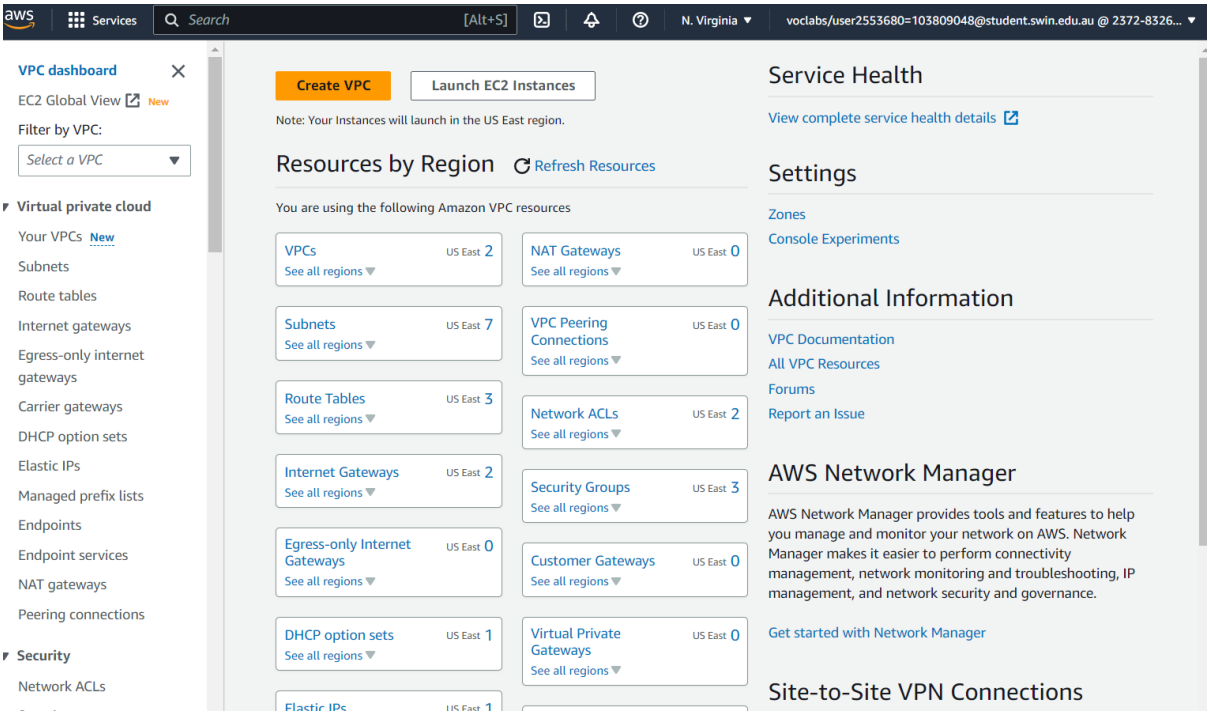
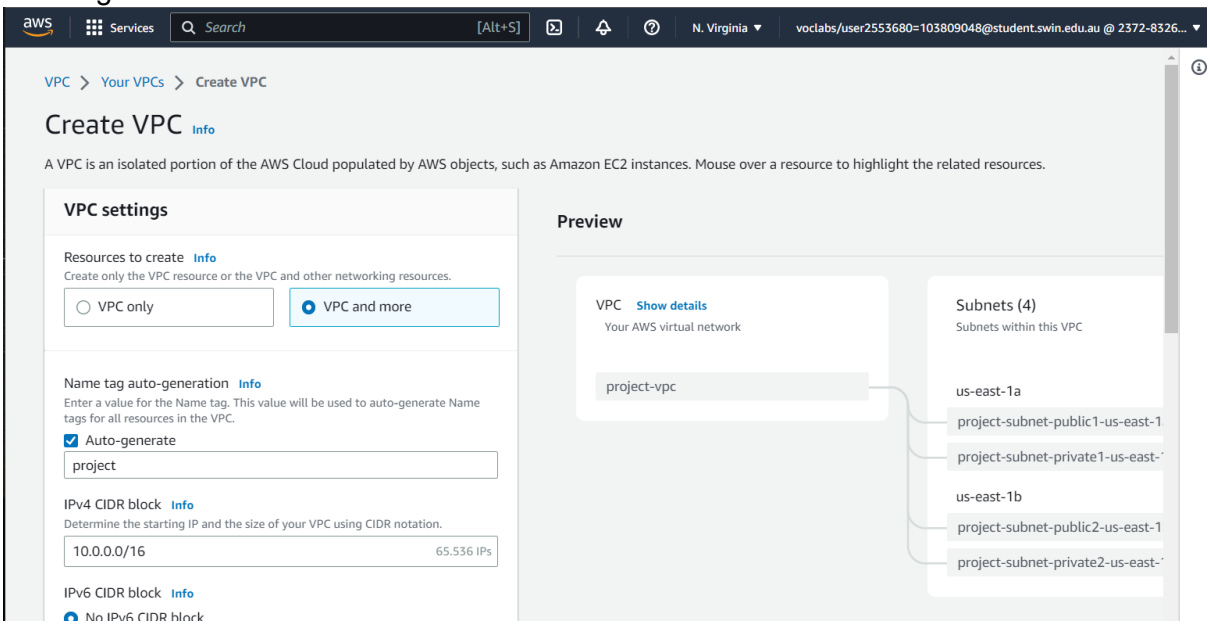
Task 1: Create Your VPC

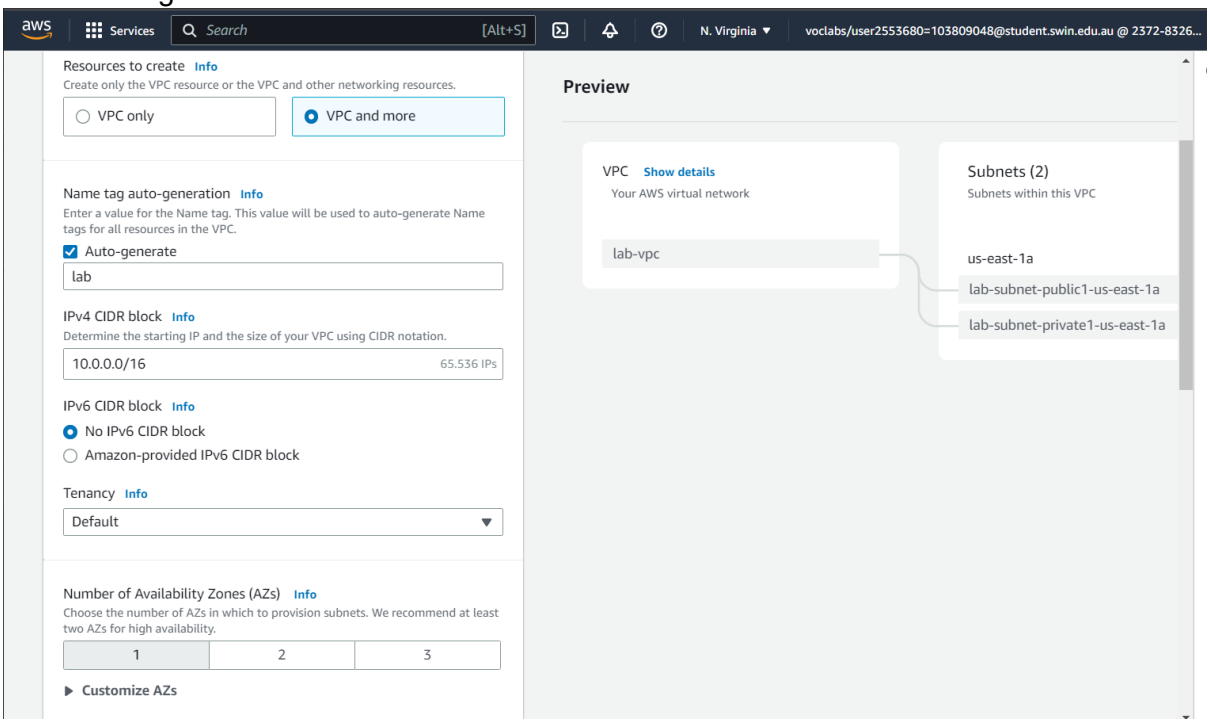
1. Go to VPC service

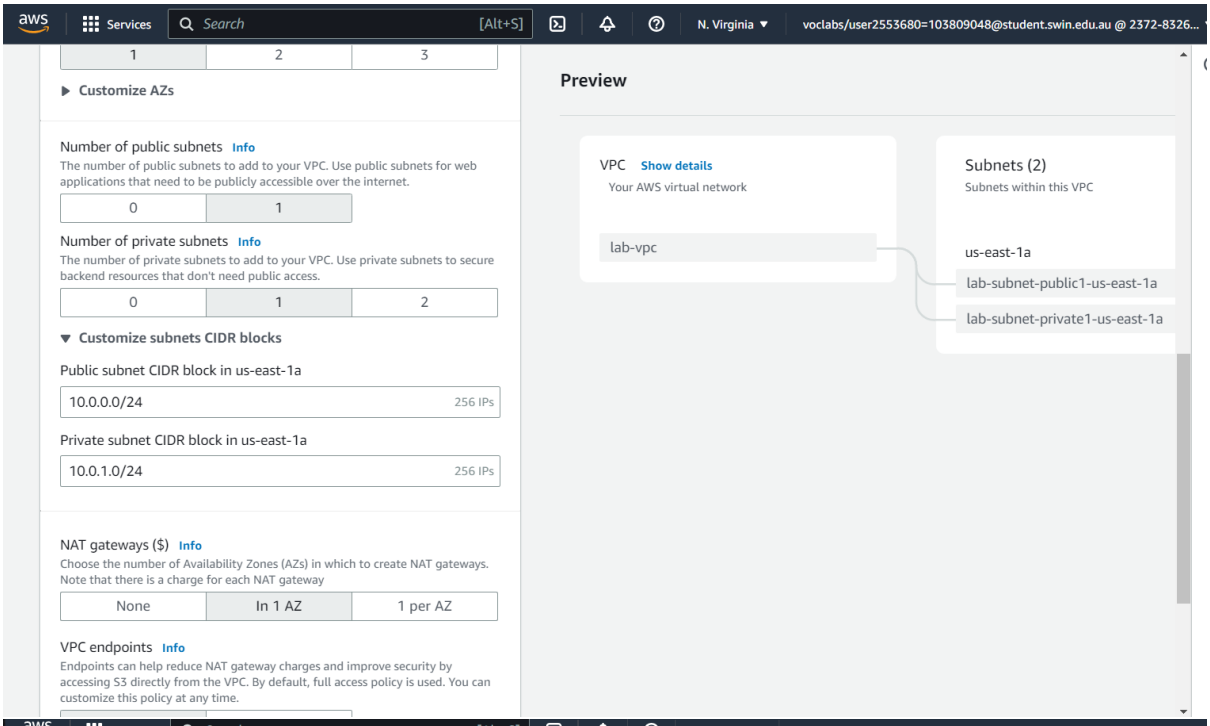


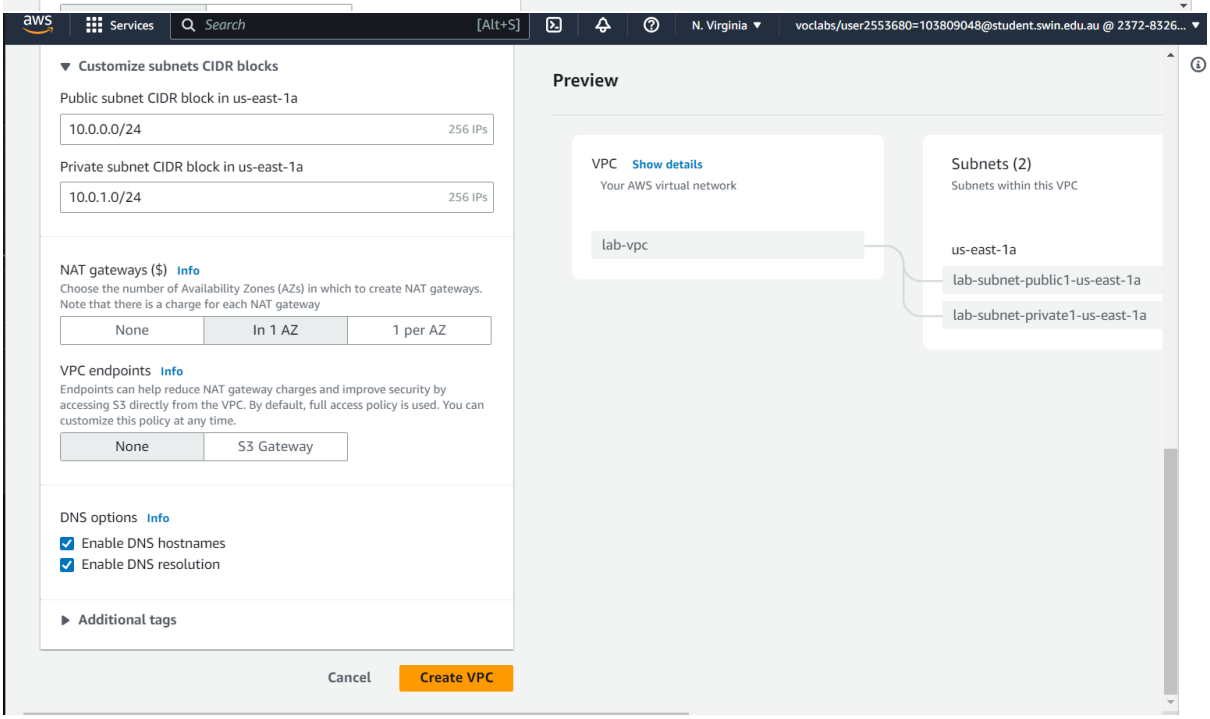
2. Entering “create VPC”



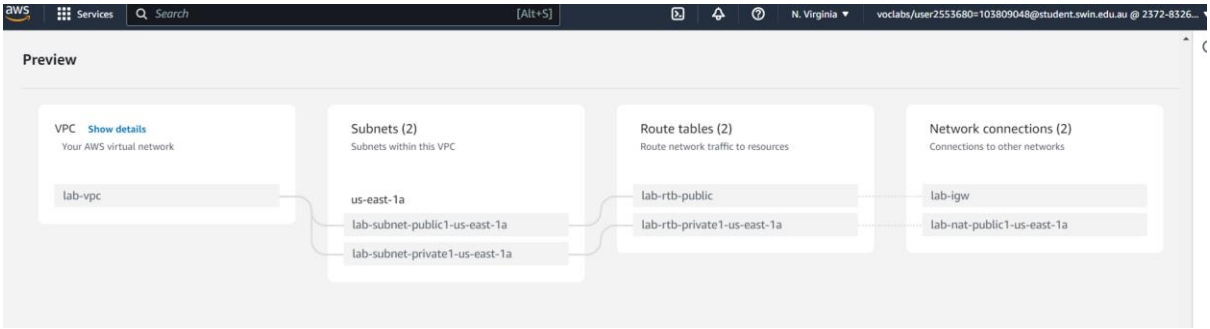
3. Some settings for the current lab



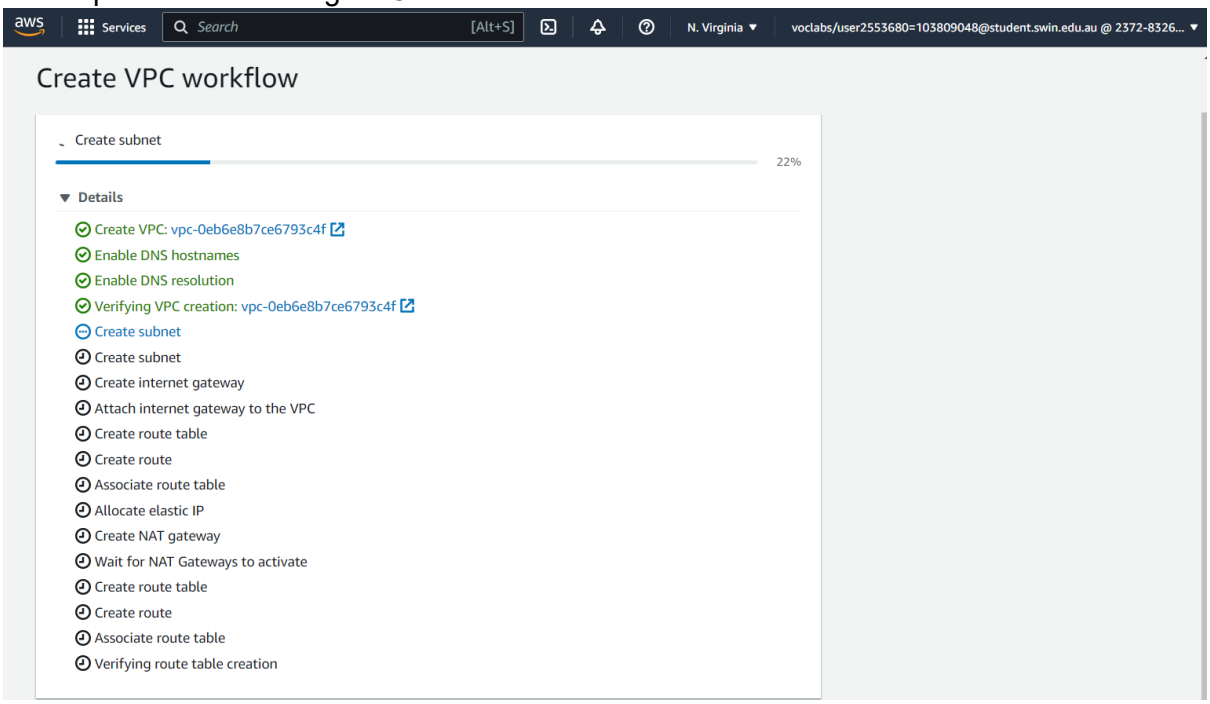




4. Preview for the VPC

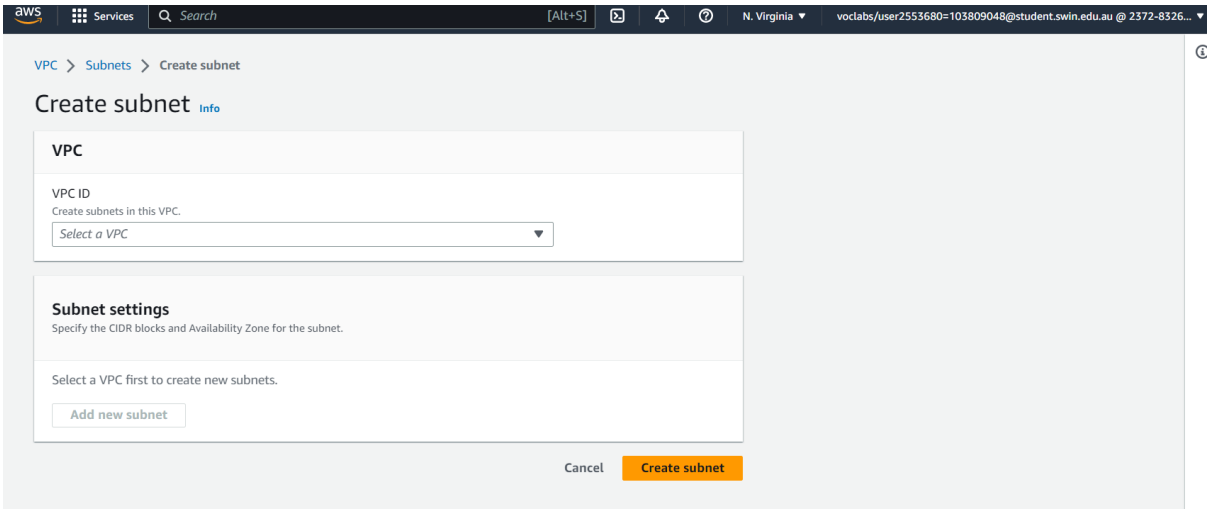


5. All the process of creating VPC

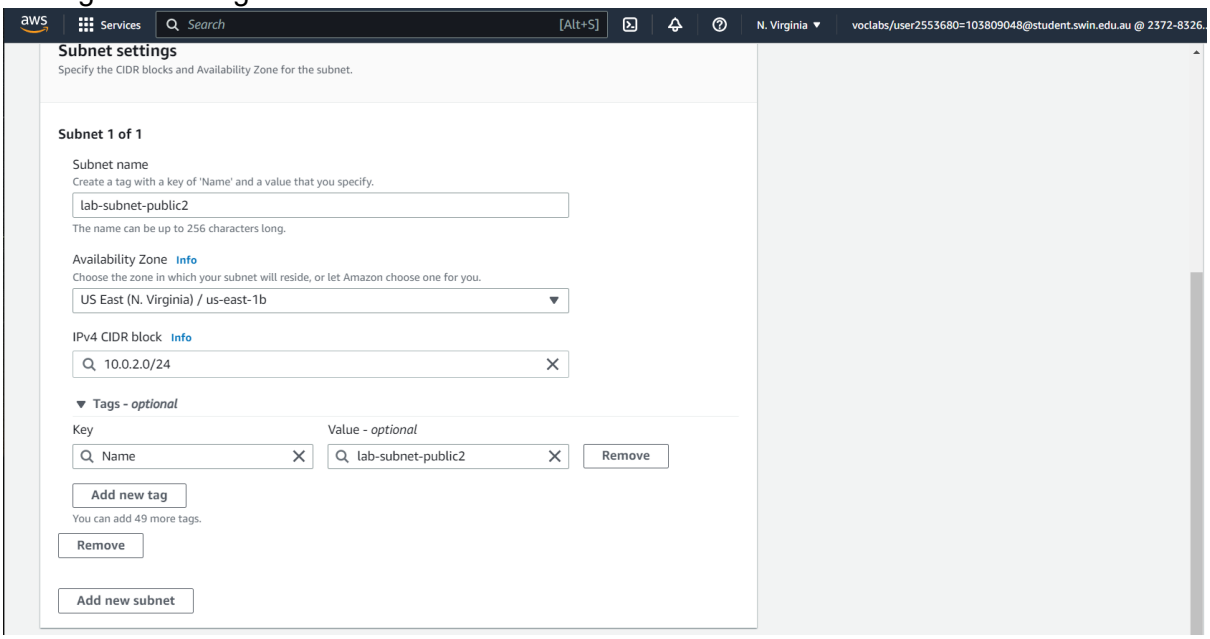


Task 2: Create Additional Subnets

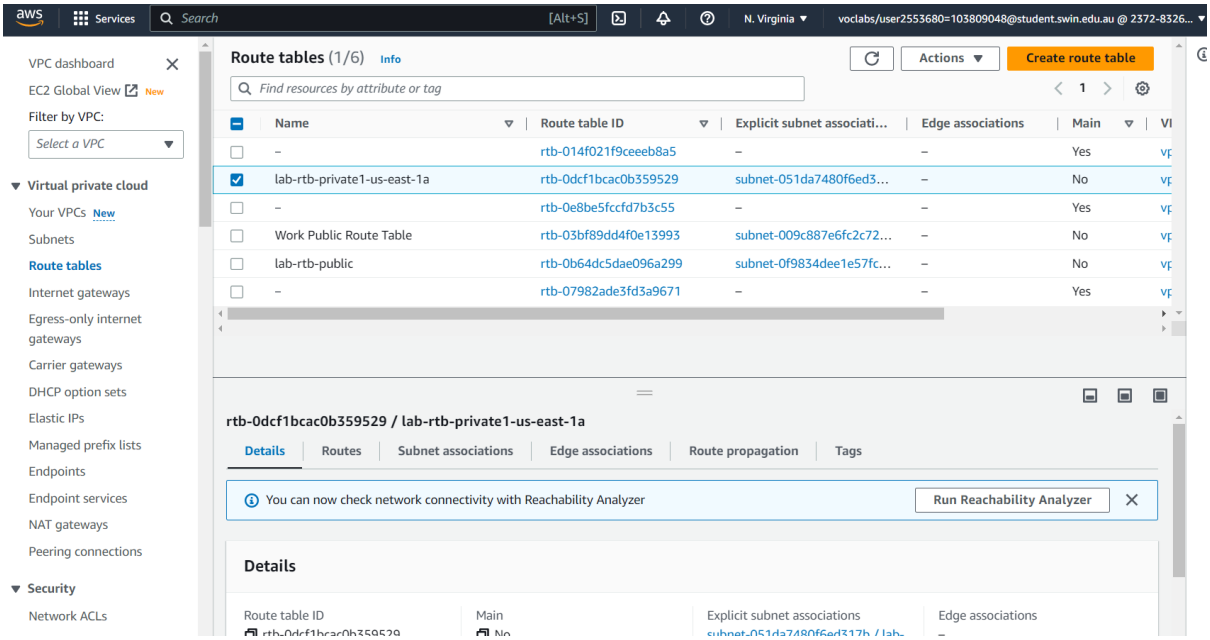
1. Create second subnets



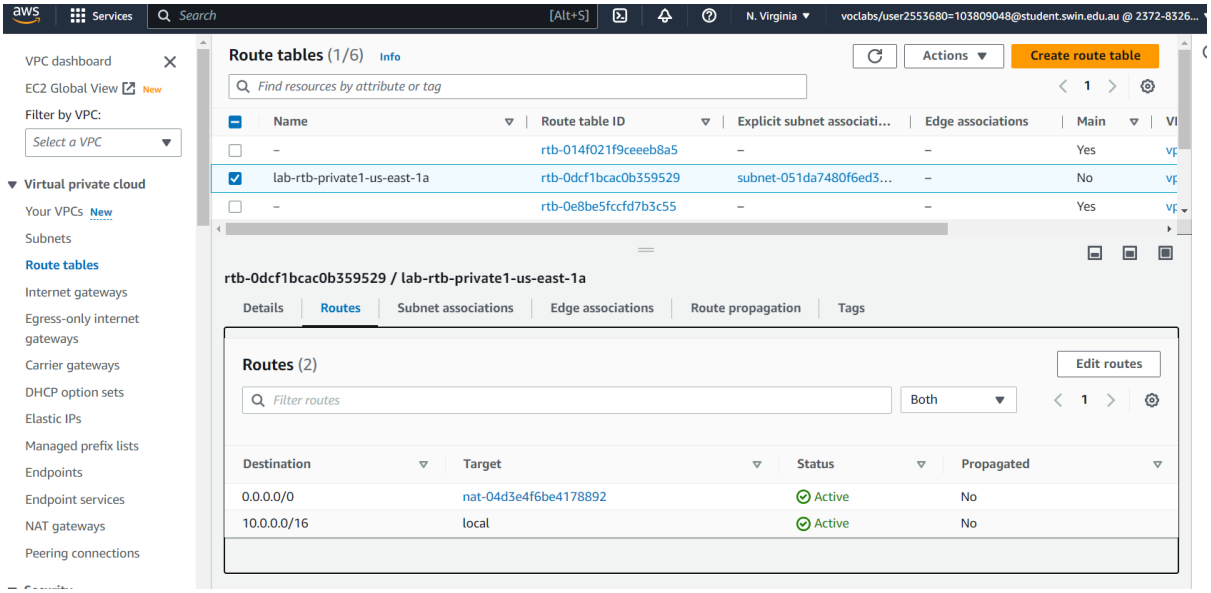
2. Setting for creating subnet



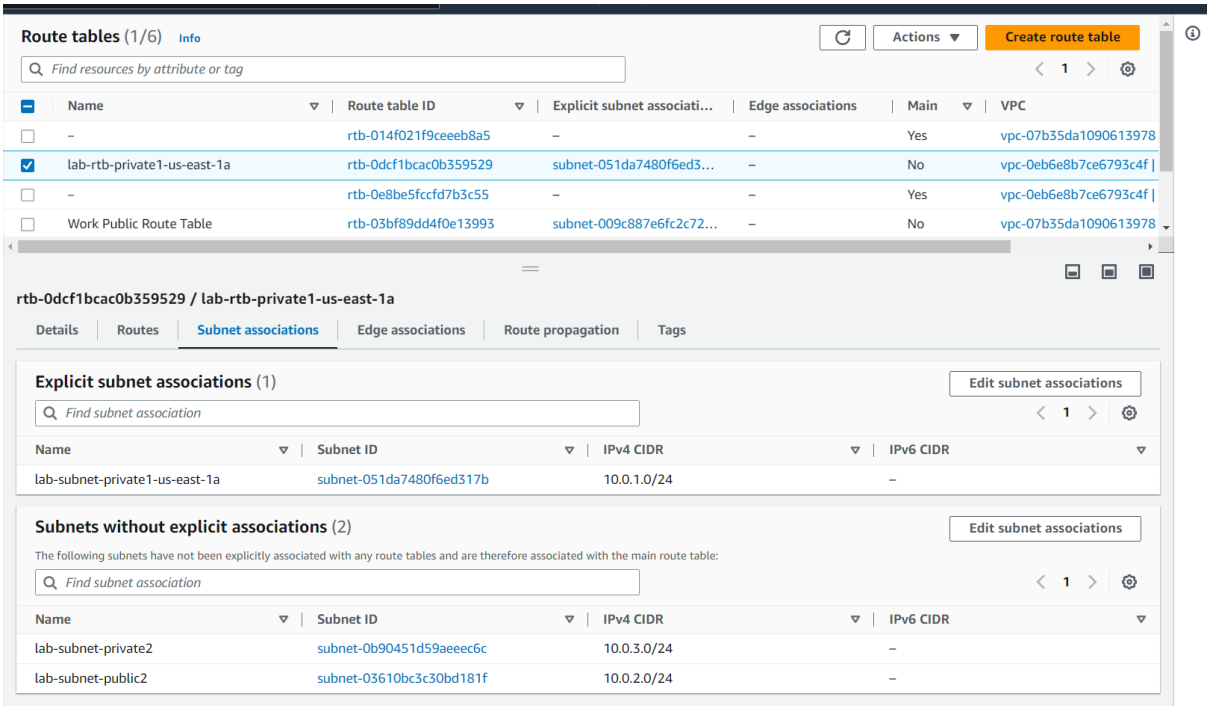
3. Follow the instructions to select the item in the route table



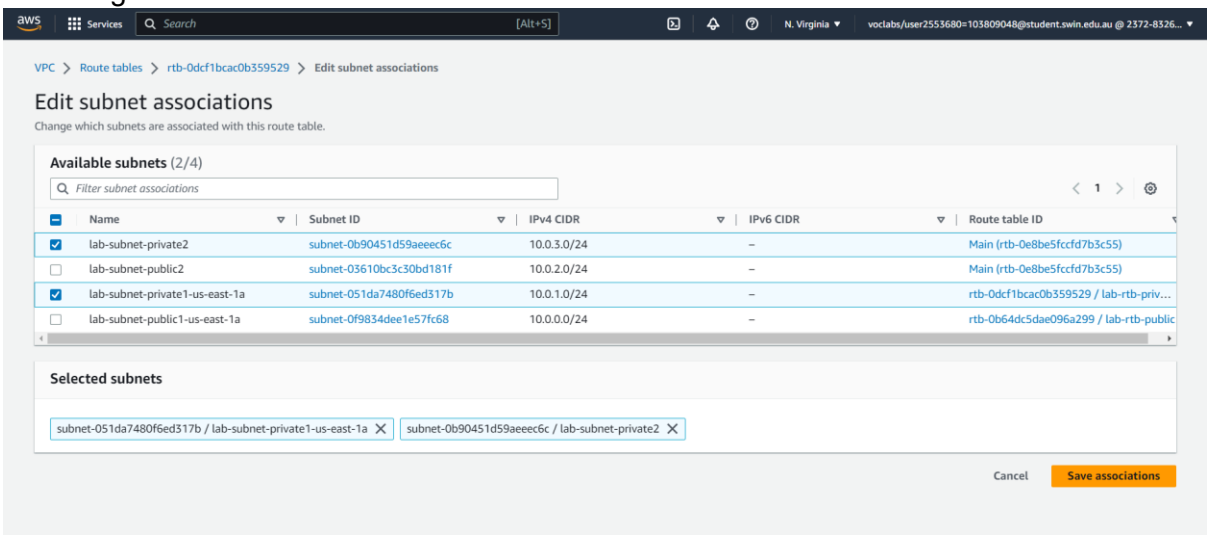
4. The traffic destined for the internet (0.0.0/0) will be sent to the NAT gateway then it will forward the traffic to the internet.



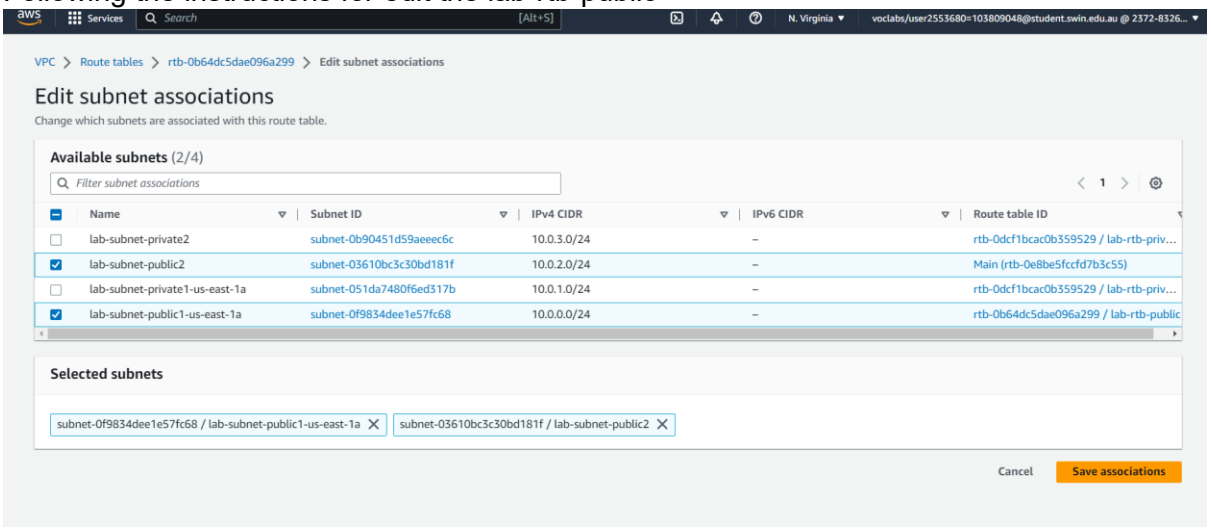
5. Because I have subnet private 1 so after creating another private subnet, this one will associate with this route table .



6. Following the instructions

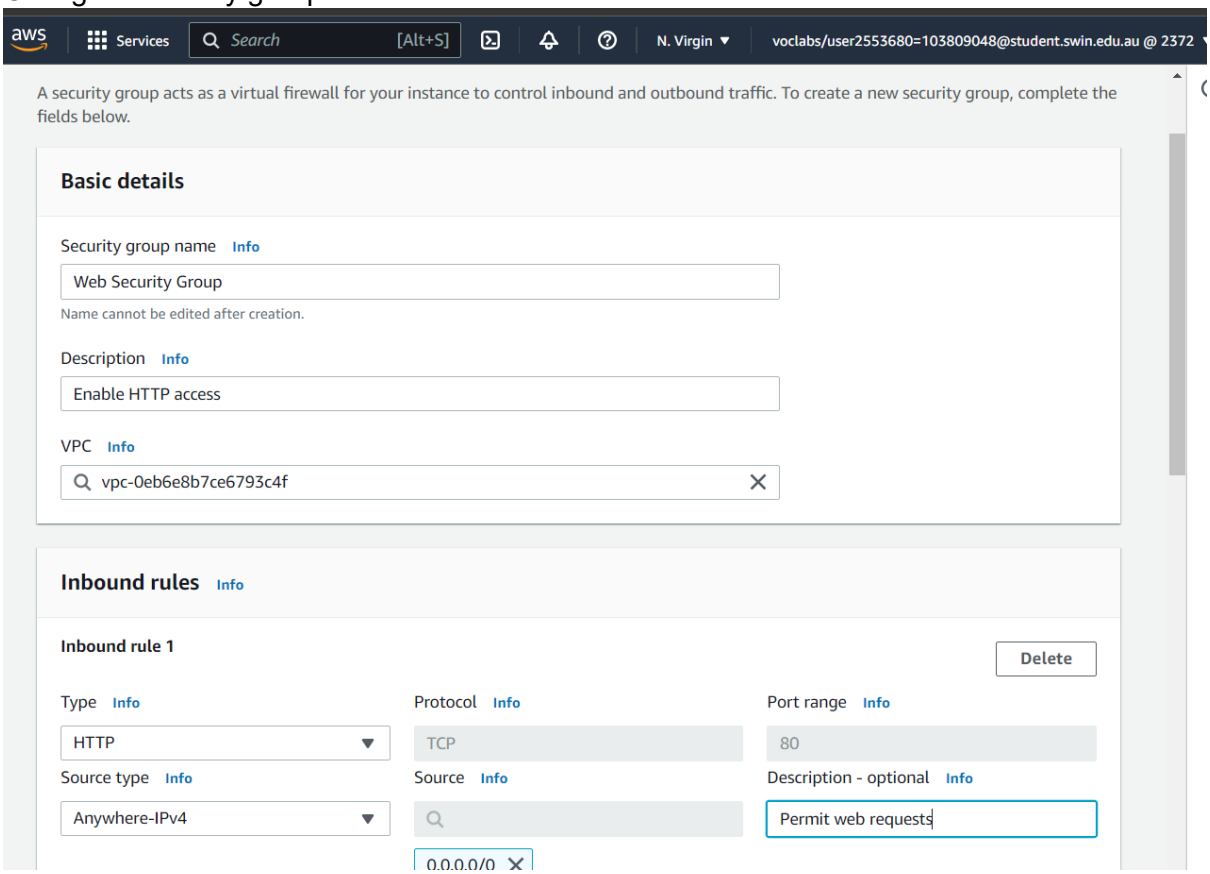


7. Following the instructions for edit the lab-rtb-public

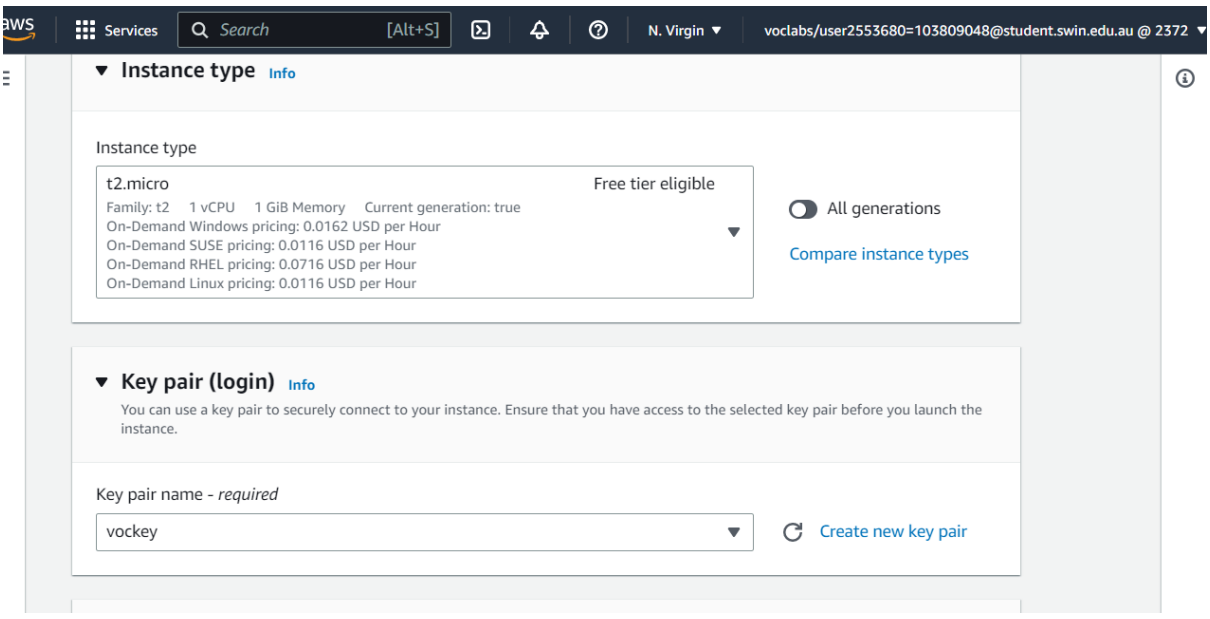


Task 3: Create a VPC security group

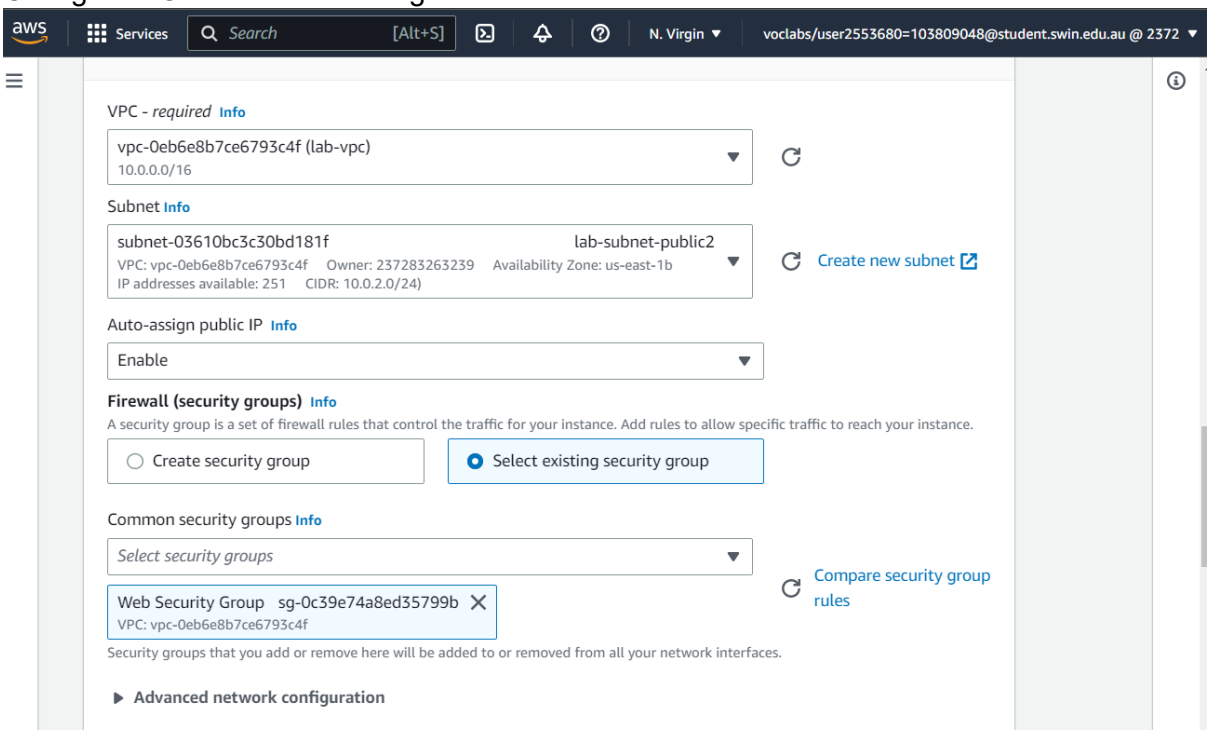
1. Configure security group



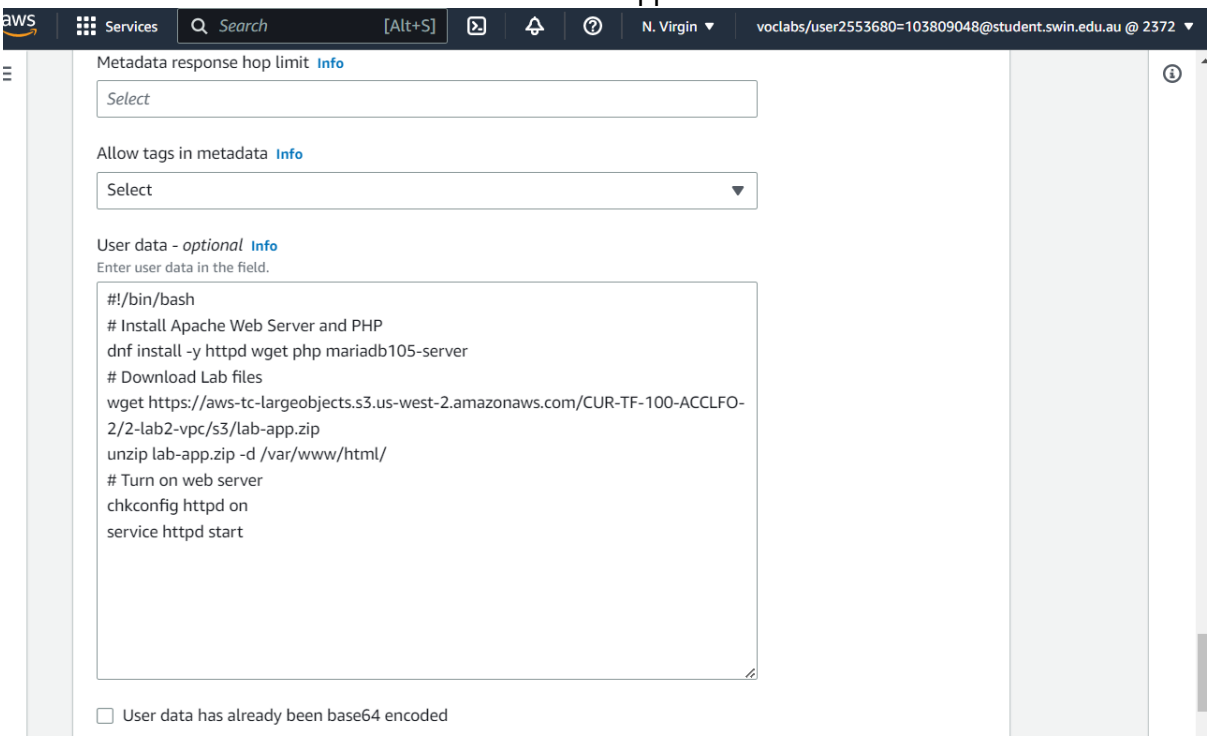
2. Configure EC2 – key pair : this help to connect the instance via SSH after it has launched.



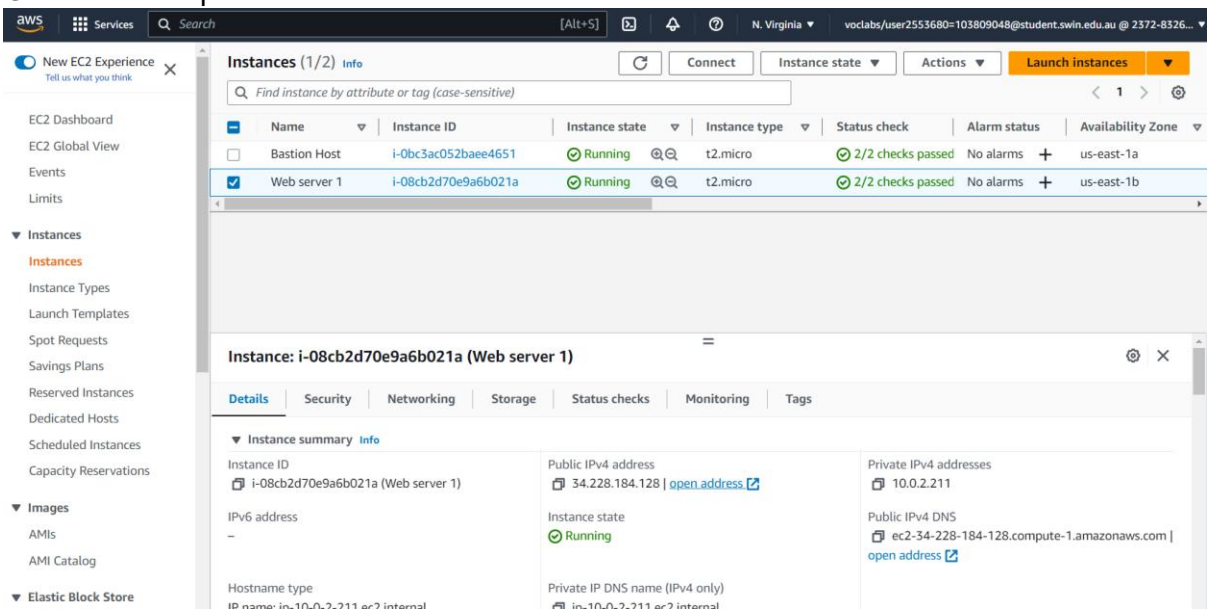
3. Configure EC2 – network settings



4. Configure EC2 – advanced details – this script will root the user permissions on the guest OS of the instance. The script installs a web server, a database and PHp libraries then it downloads and install PHP web application on the web server.



5. Get the IP and paste it into the browser



6. The result :