Assignment:

This assignment is deployed below Architecture AWS account to all learners which follow user connect to, and use a Linux instance. An instance is a virtual

server/machine (VM) in the AWS Cloud running a specific operating system and can be used to host applications and databases.

The goal

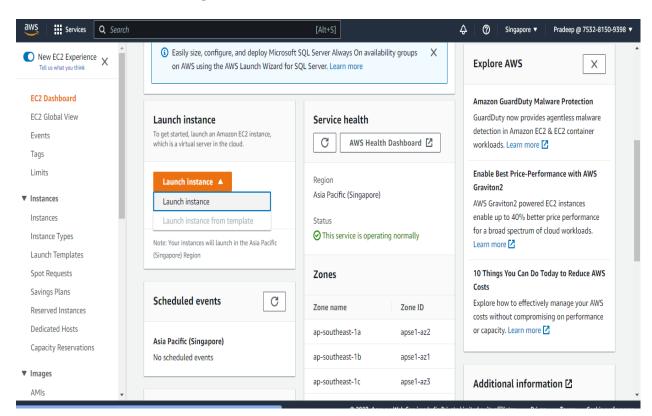
The following are the goals of this hands-on:

- 1. Understand the process of launching an instance
- 2. Install a simple http webserver
- 3. Access the site from a browser
- 4. Connect to the instance via SSH (optional for non technical learners)
- 5. Terminate an instance

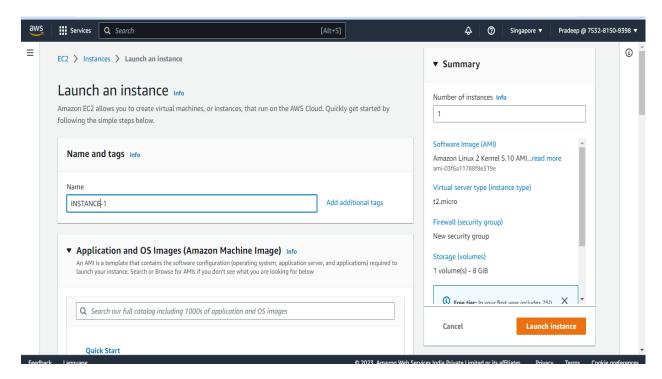
Please Insert Snapshot of as follow

Ans:

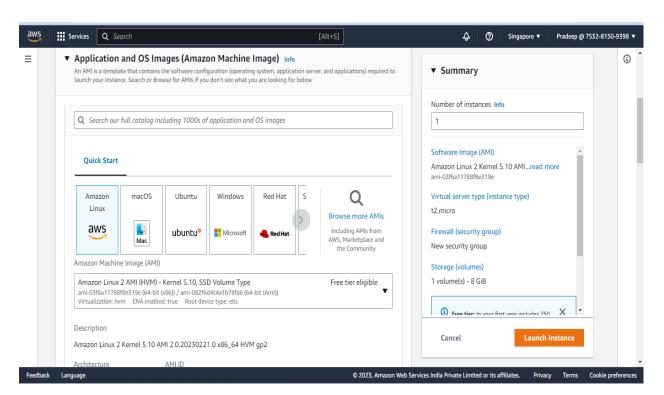
1. EC2 Instance Launch Page



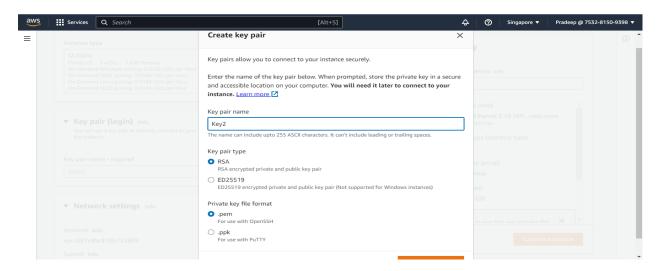
2. EC2 Name and Tag Creation



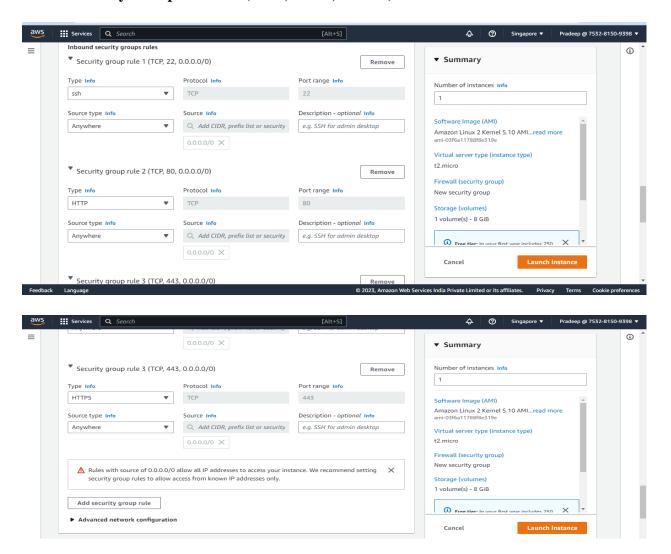
3. EC2 AMI Selection



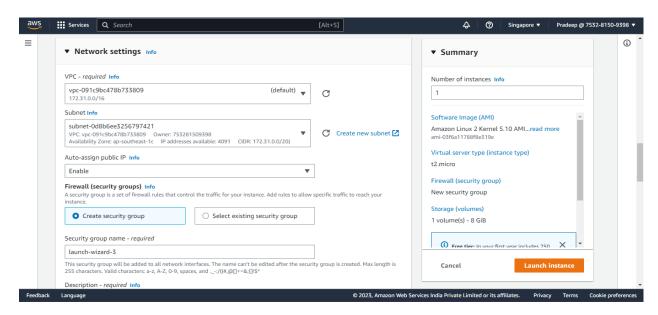
4. EC2 Key Pair Creation



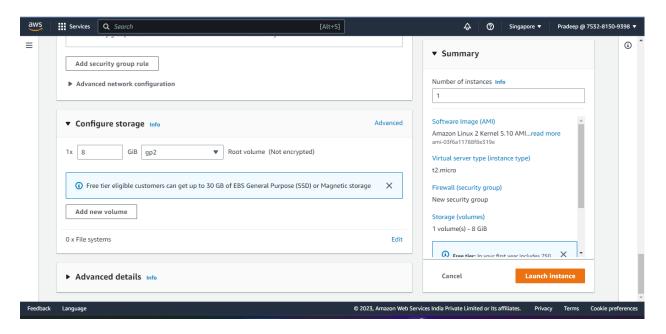
5. EC2 Security Group Creation (SSH,HTTP,HTTPS)



6. EC2 VPC and Subnet Selection

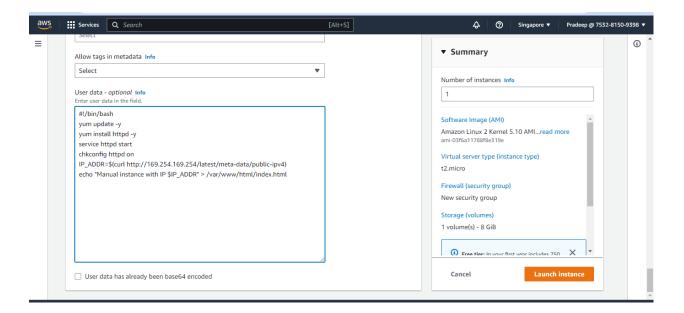


7. EC2 EBS Volume Selection

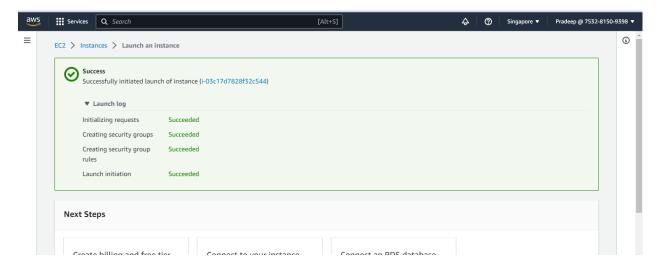


8. User Data Insertion Page with below command

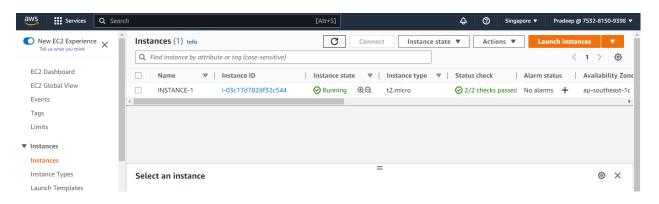
#!/bin/bash
yum update -y
yum install httpd -y
service httpd start
chkconfig httpd on
IP_ADDR=\$(curl http://169.254.169.254/latest/meta-data/public-ipv4)
echo "Manual instance with IP \$IP_ADDR" > /var/www/html/index.html



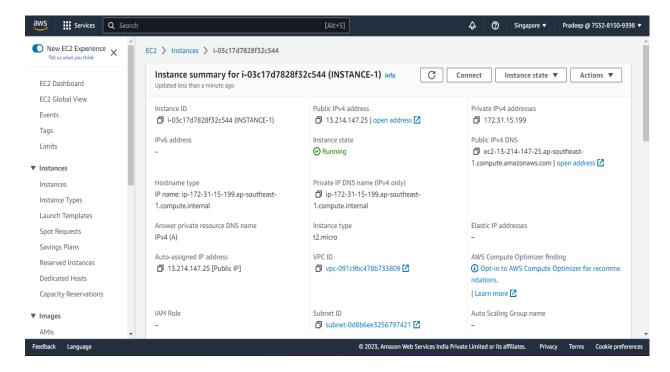
9. EC2 Launch Logs



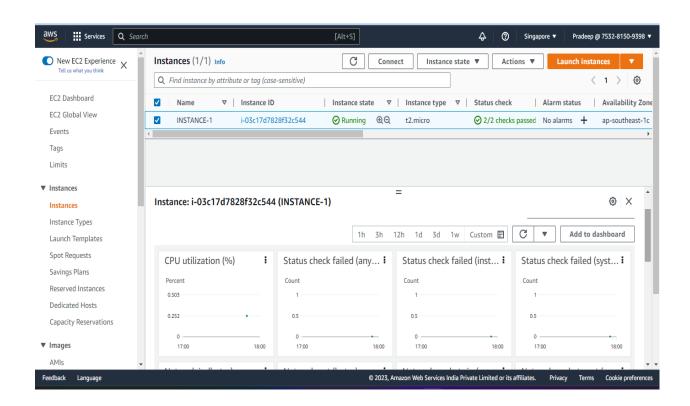
10. EC2 Instance Running State

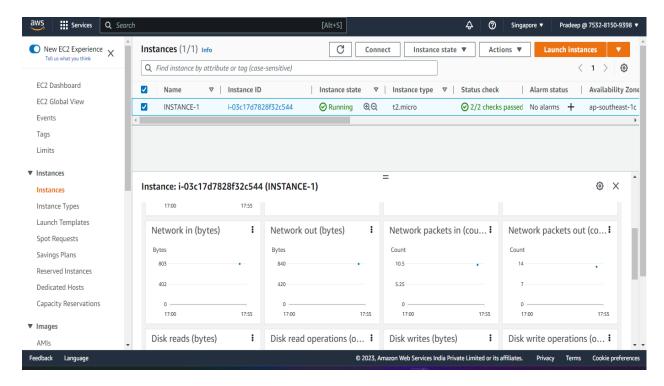


11. EC2 Summary Page with Public and Private IP

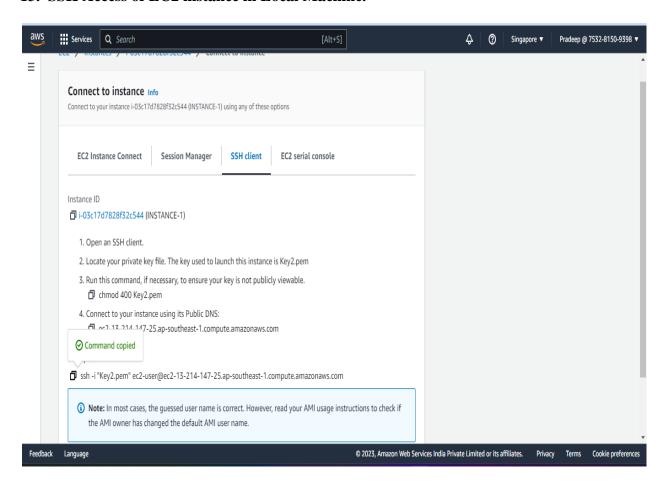


12. EC2 Instance Monitoring Page





13. SSH Access of EC2 instance in Local Machine.



14. Browsing EC2 instance in the Browser Local Machine.



Manual instance with IP 13.214.147.25

15. Terminating the Resource.

