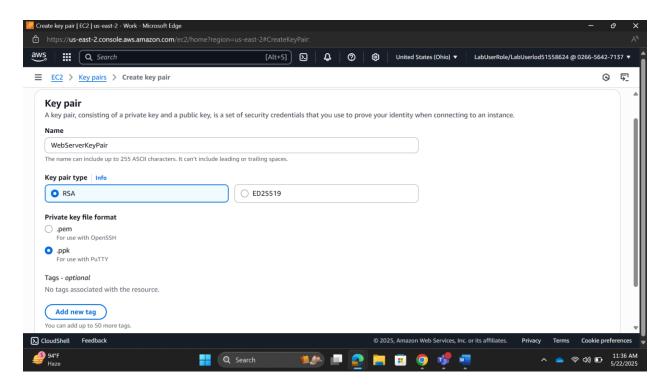
Lab 1: Create and Configure an EC2 Instance

In this challenge, you will create an EC2 instance that contains an Apache web server. First, you will create a key pair to allow remote access to the server. Next, you will create a security group that allows SSH and HTTP traffic. Finally, you will create an EC2 instance that uses a user data script to install an Apache web server, and then you will test the web server. Note: Once you begin the challenge, you will not be able to pause, save, or exit and then return to your challenge. Please ensure that you have set aside enough time to complete the challenge before you start.

Task 1: Create Key Pair

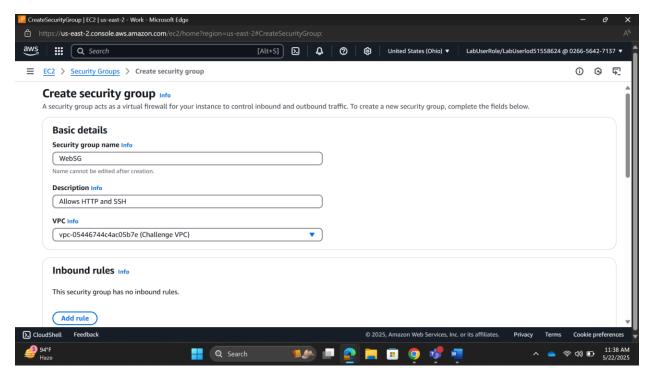
EC2 -> Network and Security -> Key Pair -> Create key pair

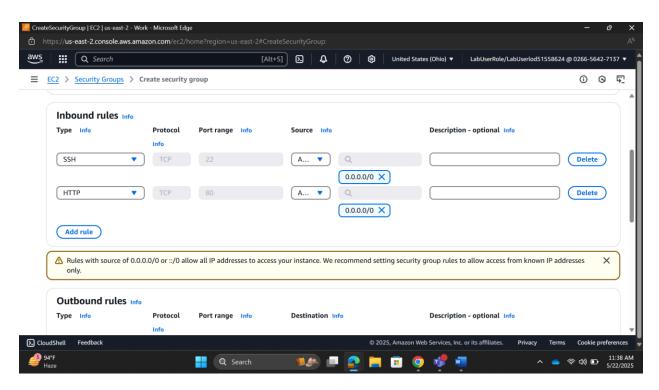


Click on create key pair and file will be downloaded automatically

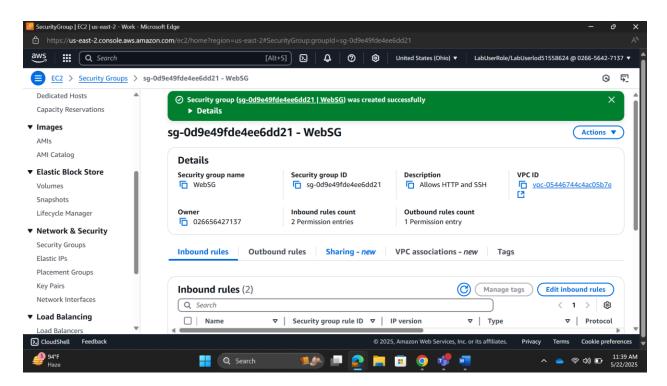
Task 2: Create Security Group

EC2 -> Network and Security -> Security Groups -> Create security group

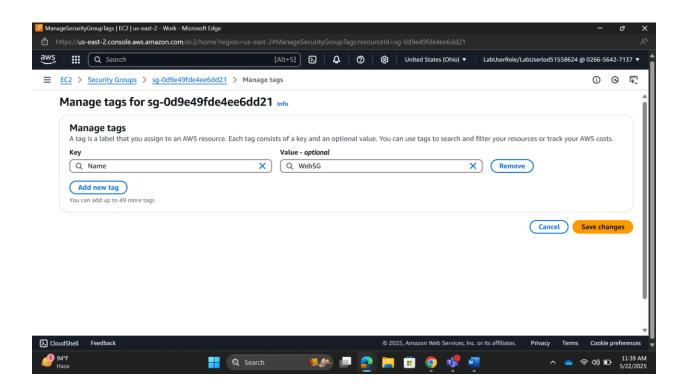


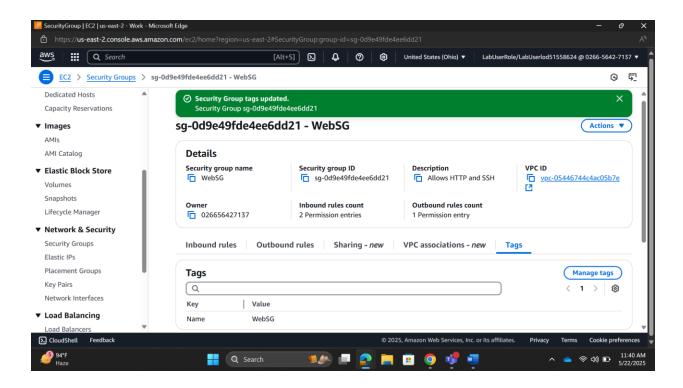


Click create security group



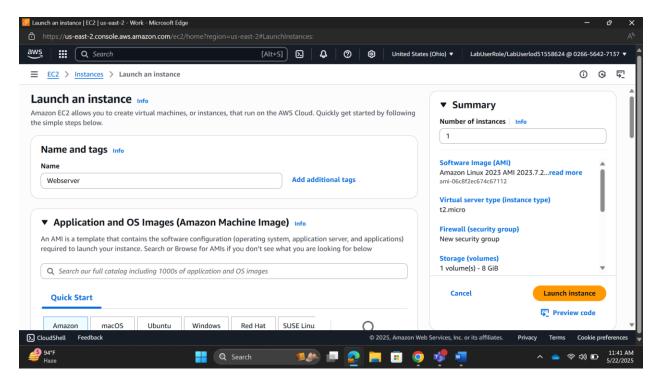
Click Tags tab -> Manage Tags -> Add Tags -> Enter the values -> Save Changes

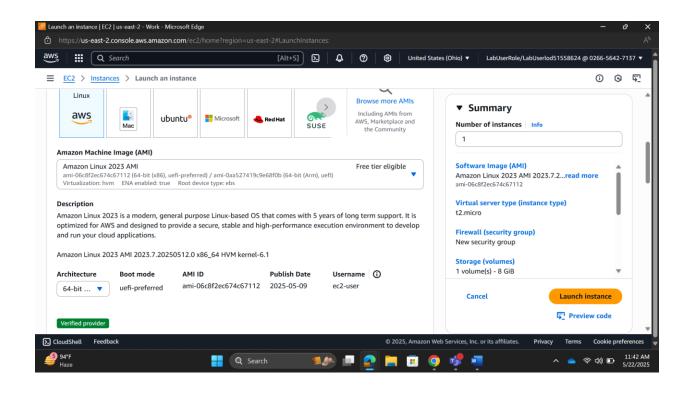


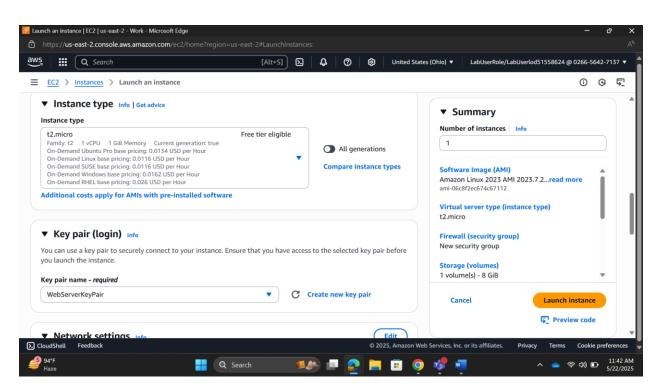


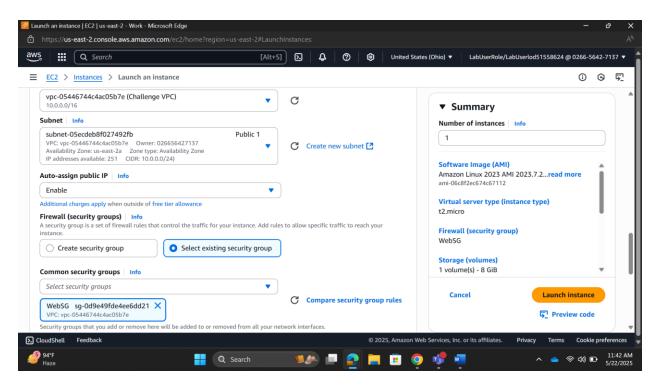
Task 3: Launch an EC2 instance

EC2 -> Instances -> Instances -> Launch Instances

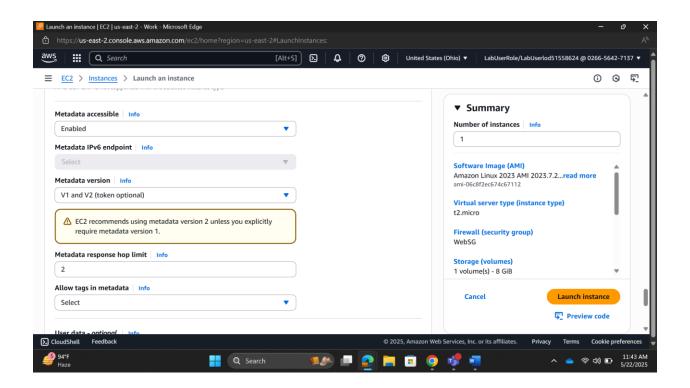


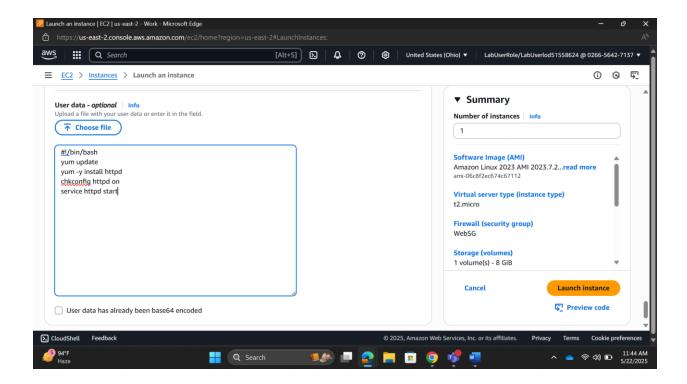






Select Metadata version





#!/bin/bash

yum update

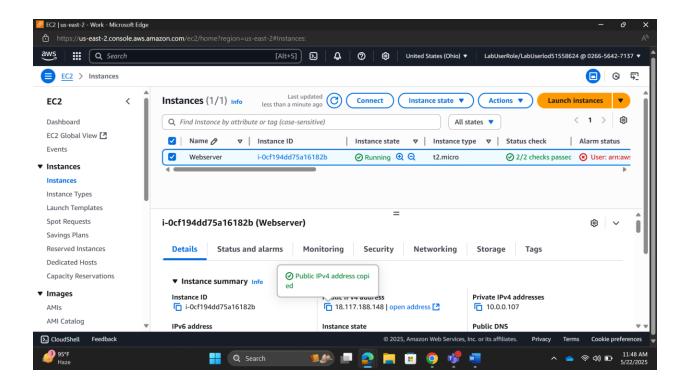
yum -y install httpd

chkconfig httpd on

service httpd start

Click Launch Instance and wait until you get status check as 2/2 check passed. Till then refresh timely.

Copy the IPv4 public address to check whether the instance is working properly or not on browser.



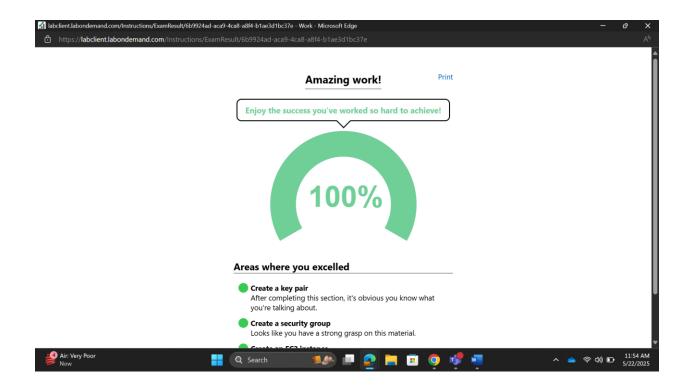
18.117.188.148

Write this address in browser with http// and run it ... don't use https// - not supported



It works!





You are done with the Lab!!!!