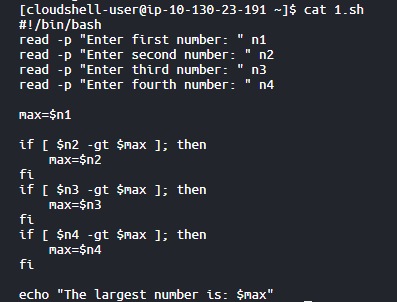
CLOUD COMPUTING AND LINUX

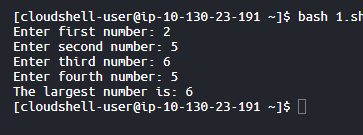
NINAD KHUNE - 240840325036

LINUX

Q.1 :

1. Largest number





Code :

#!/bin/bash

read -p "Enter first number: " n1

read -p "Enter second number: " n2

read -p "Enter third number: " n3

read -p "Enter fourth number: " n4

max=$n1

if [ $n2 -gt $max ]; then

max=$n2

fi

if [ $n3 -gt $max ]; then

max=$n3

fi

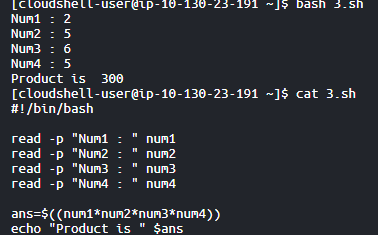
if [ $n4 -gt $max ]; then

max=$n4

fi

echo "The largest number is: $max"

2. Product of 4 numbers



#!/bin/bash

read -p "Num1 : " num1

read -p "Num2 : " num2

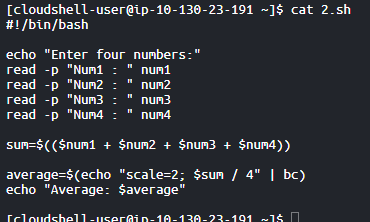
read -p "Num3 : " num3

read -p "Num4 : " num4

ans=$((num1\*num2\*num3\*num4))

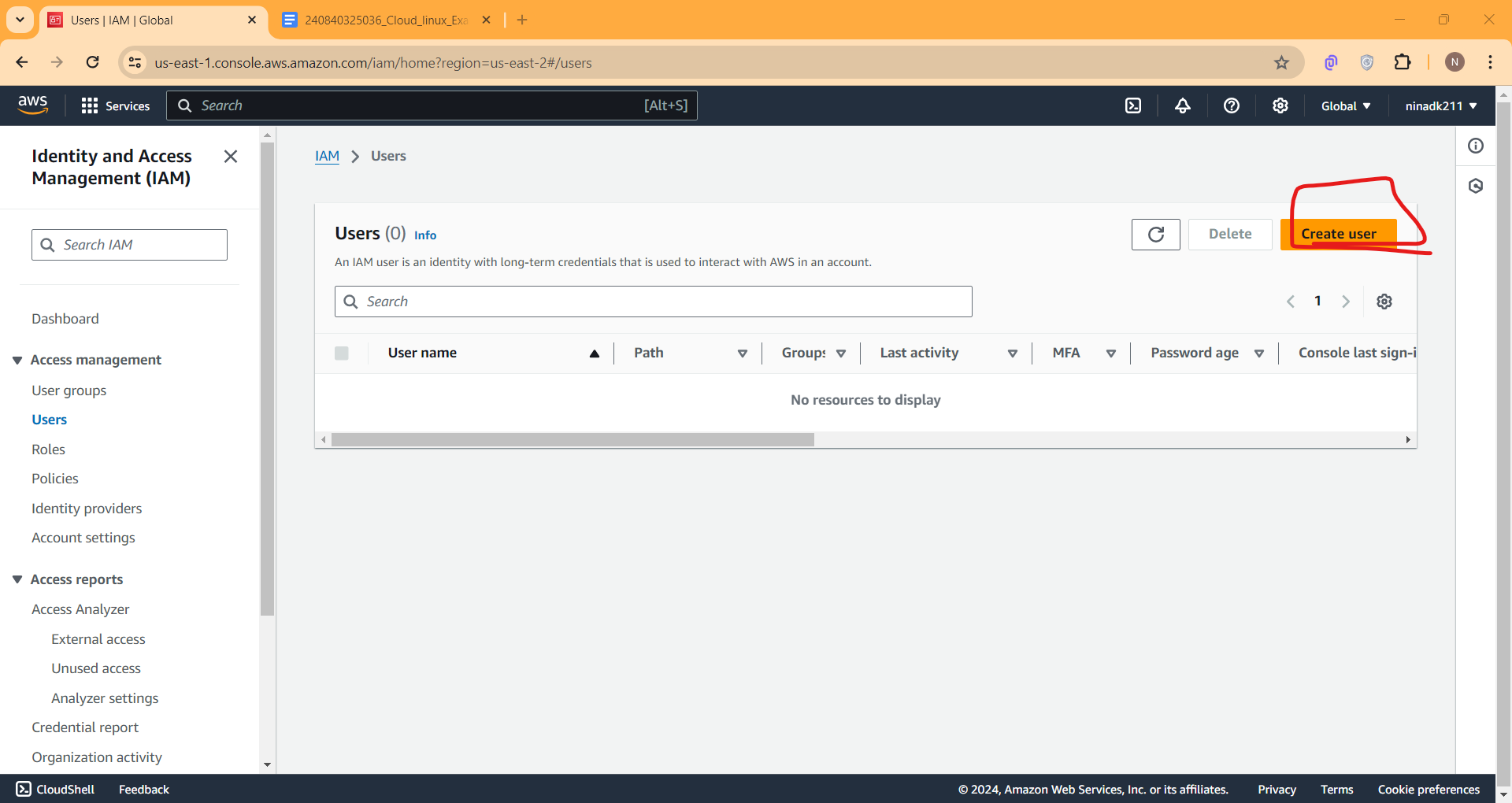
echo "Product is " $ans

3. Average

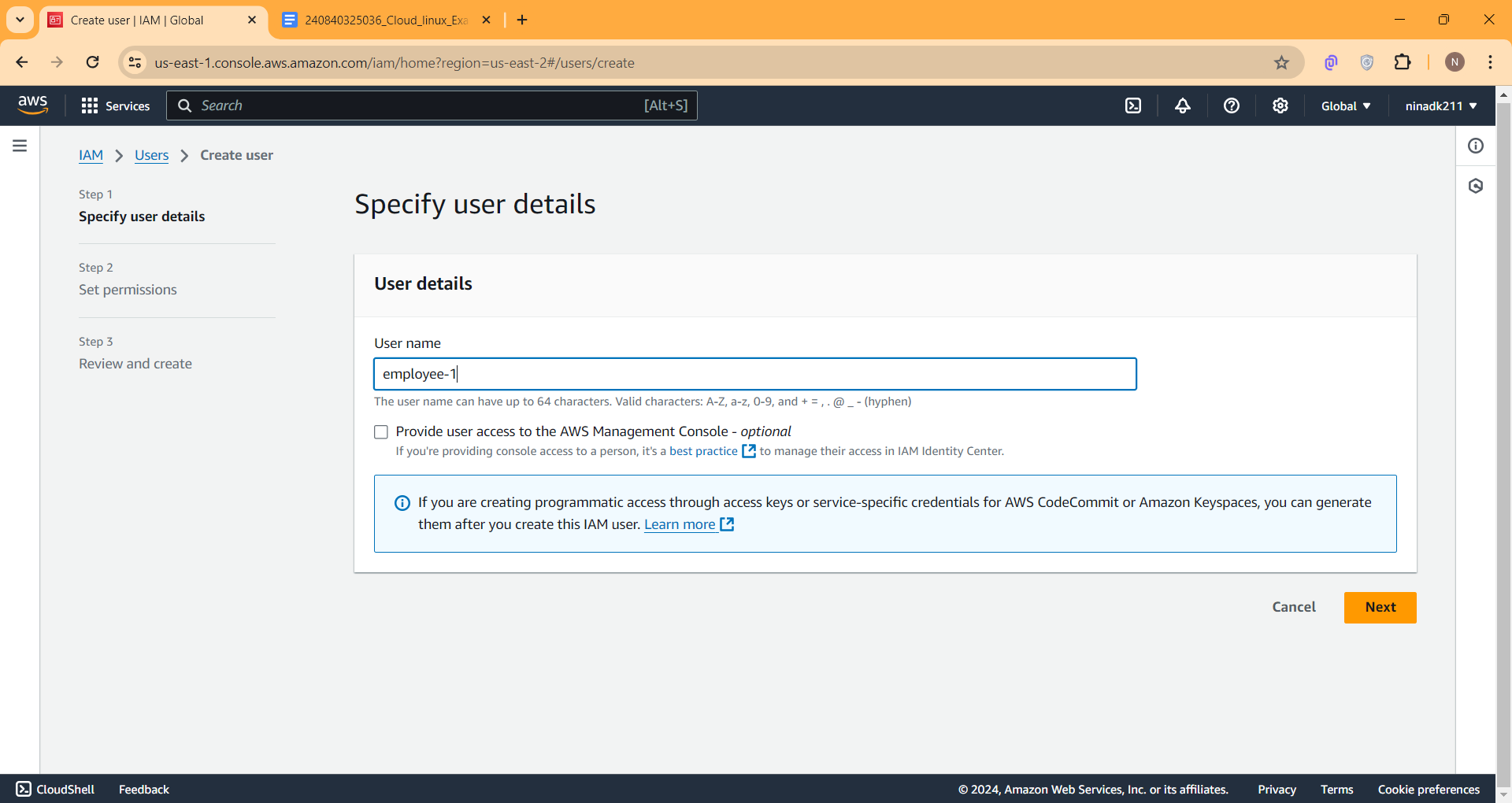


CLOUD

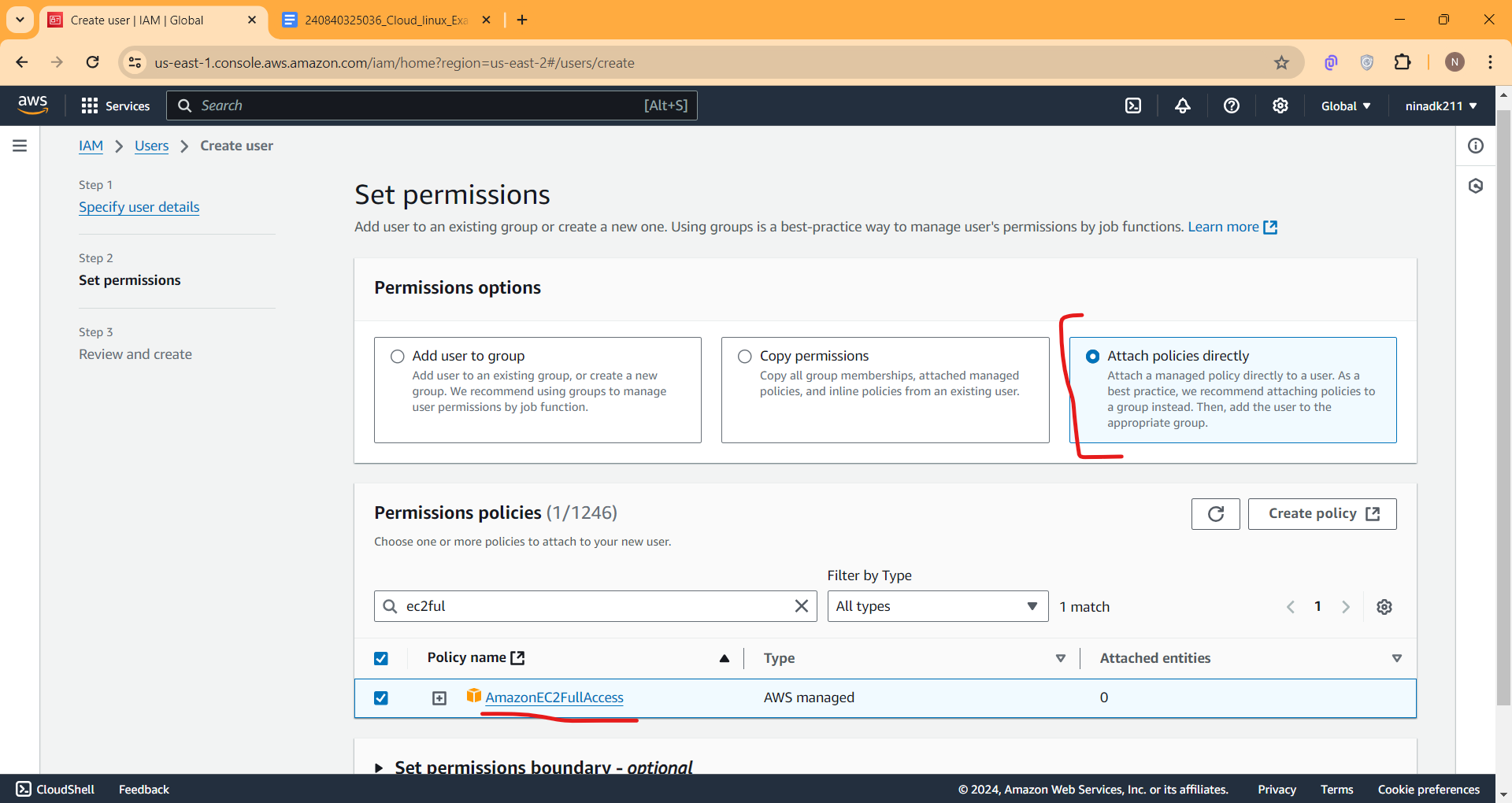
Step 1 : Create IAM User



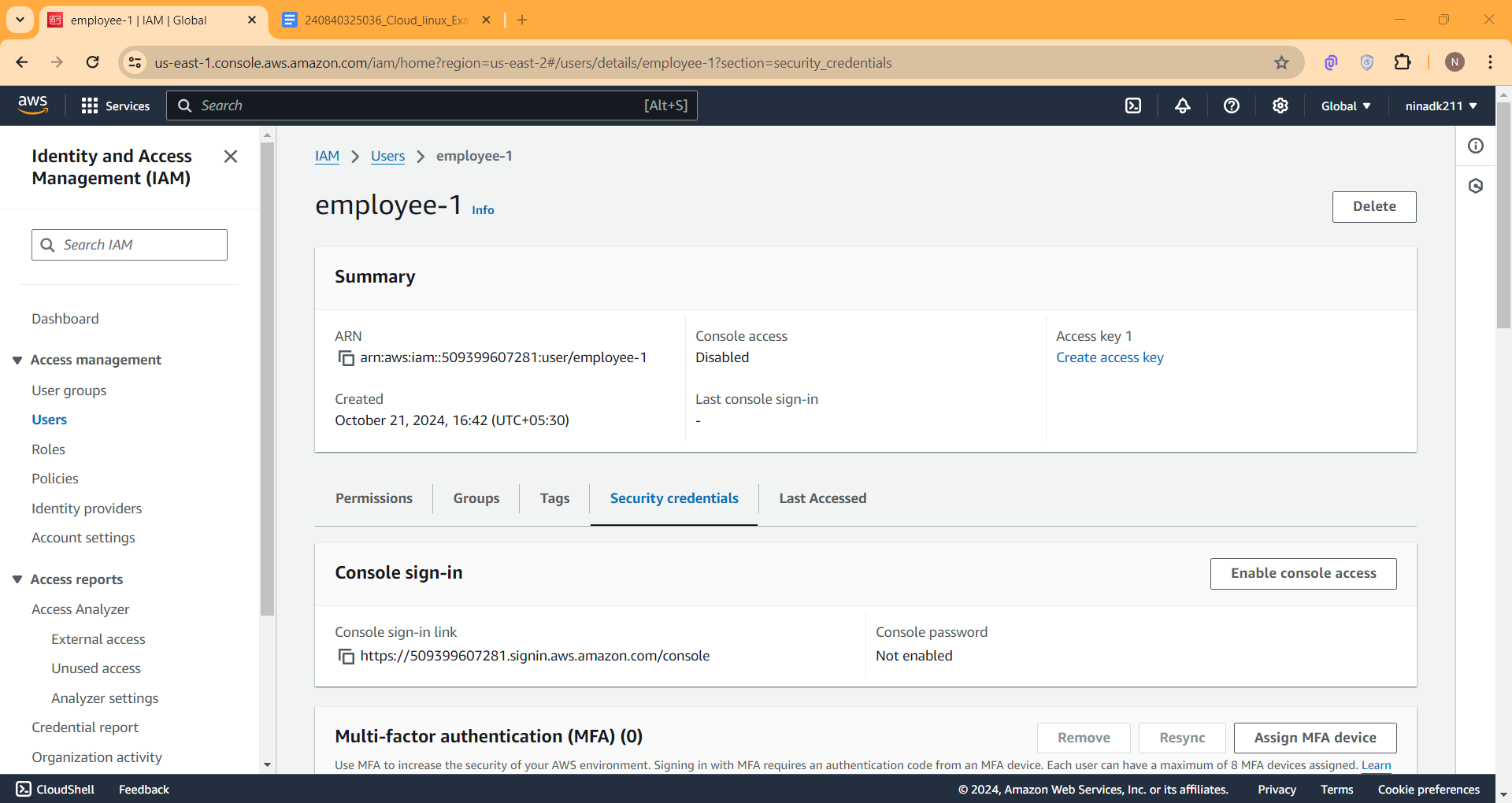
Step 2 :



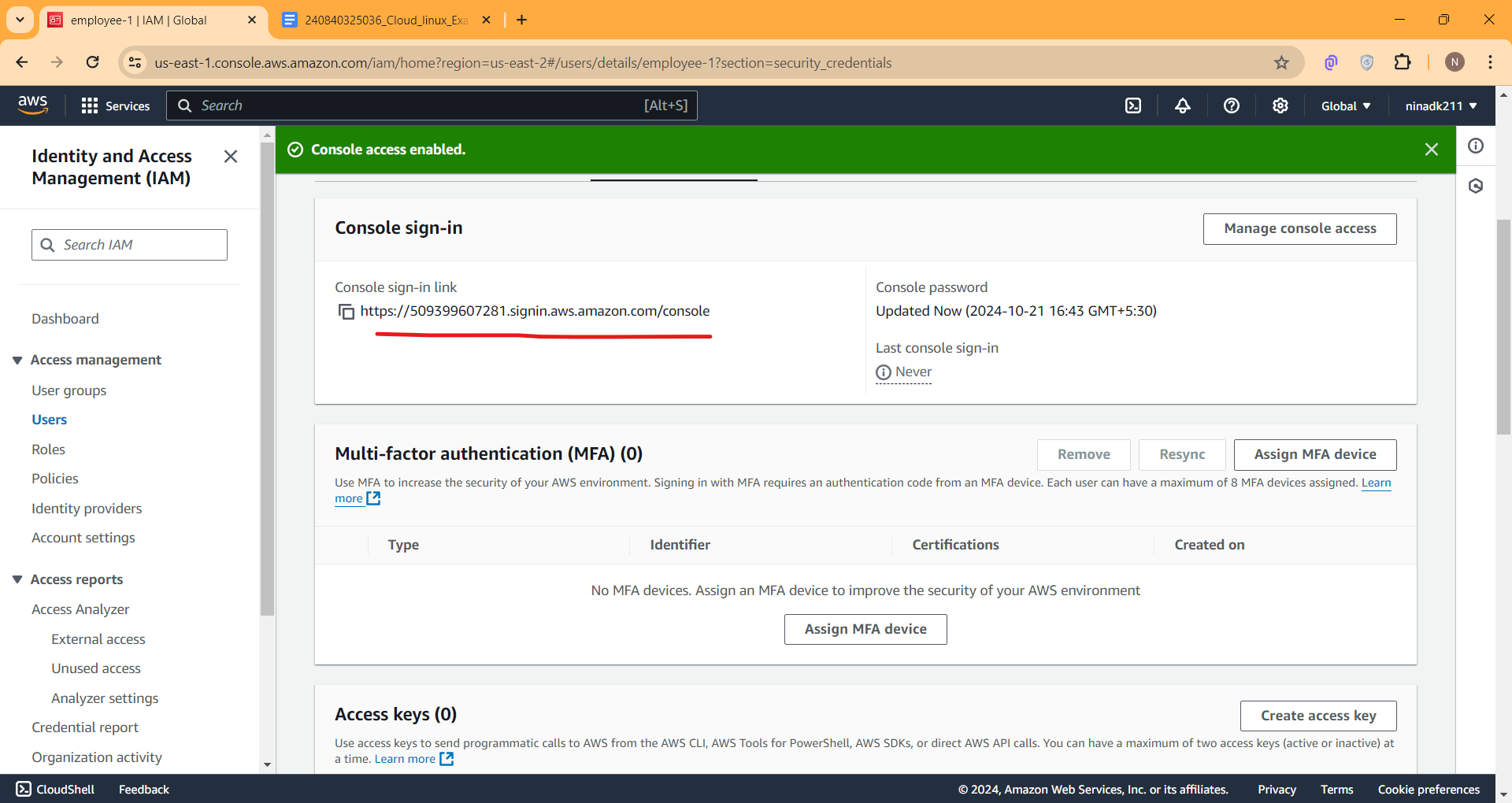
Step 3: Specific permissions that allow the user to full access of EC2



Step 4: Setting security credentials for iam user



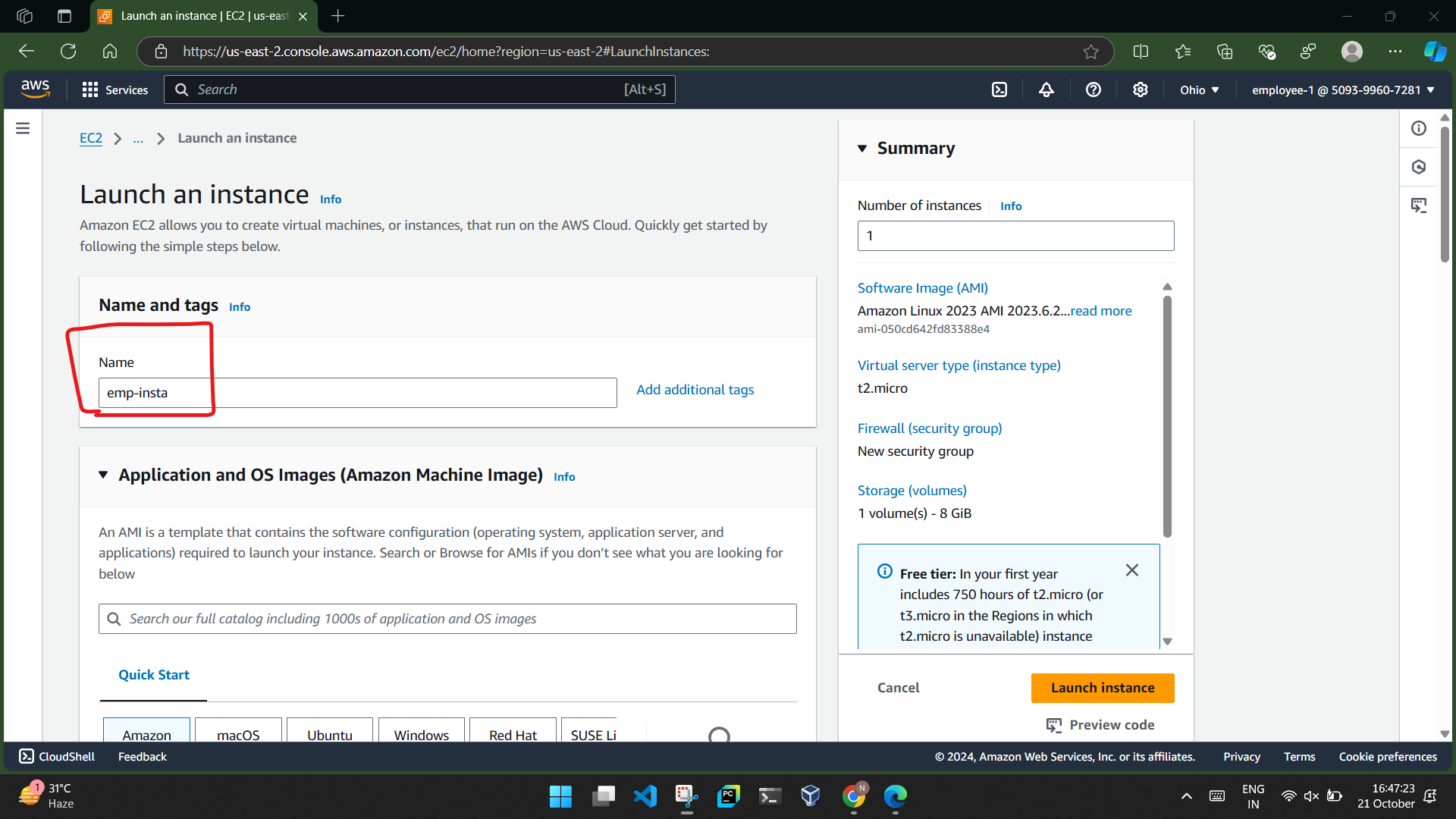
Step 5: Enabling console access



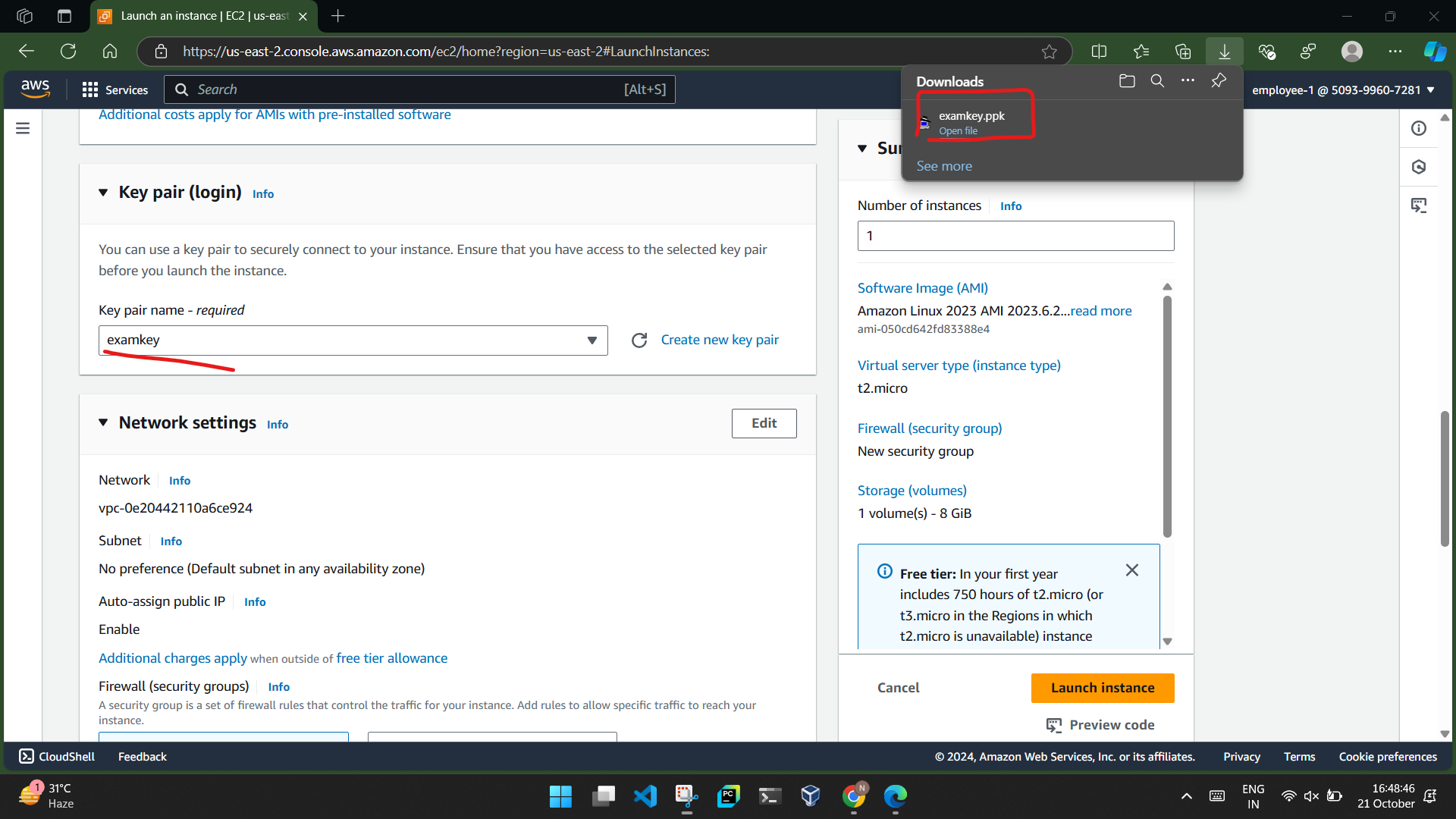
Step 6: Log in with new iam user : employee-1



Step 7 : Launching instance : “ emp-insta ”in iam user



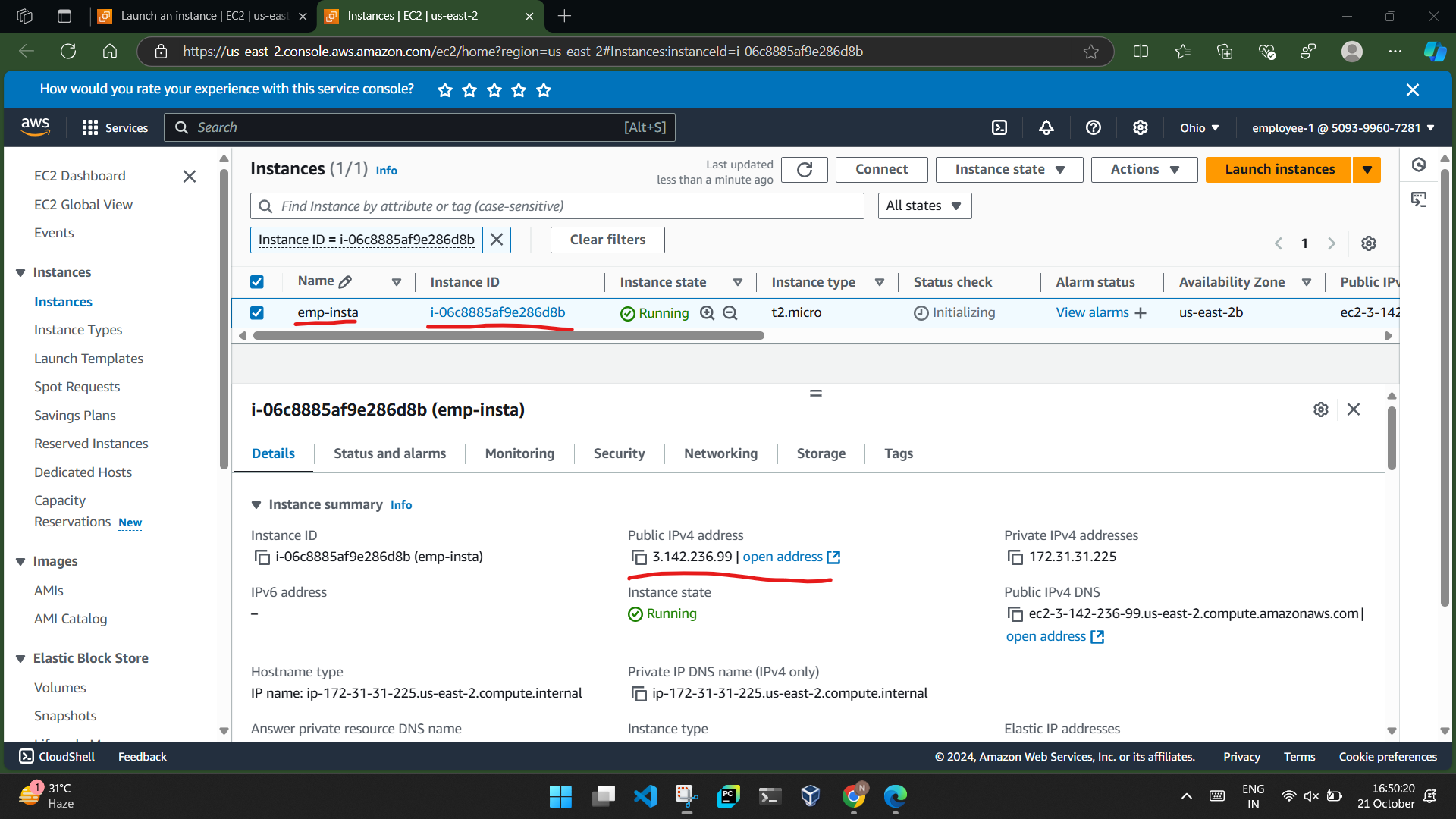
Step 8: Created key-pair named : examkey



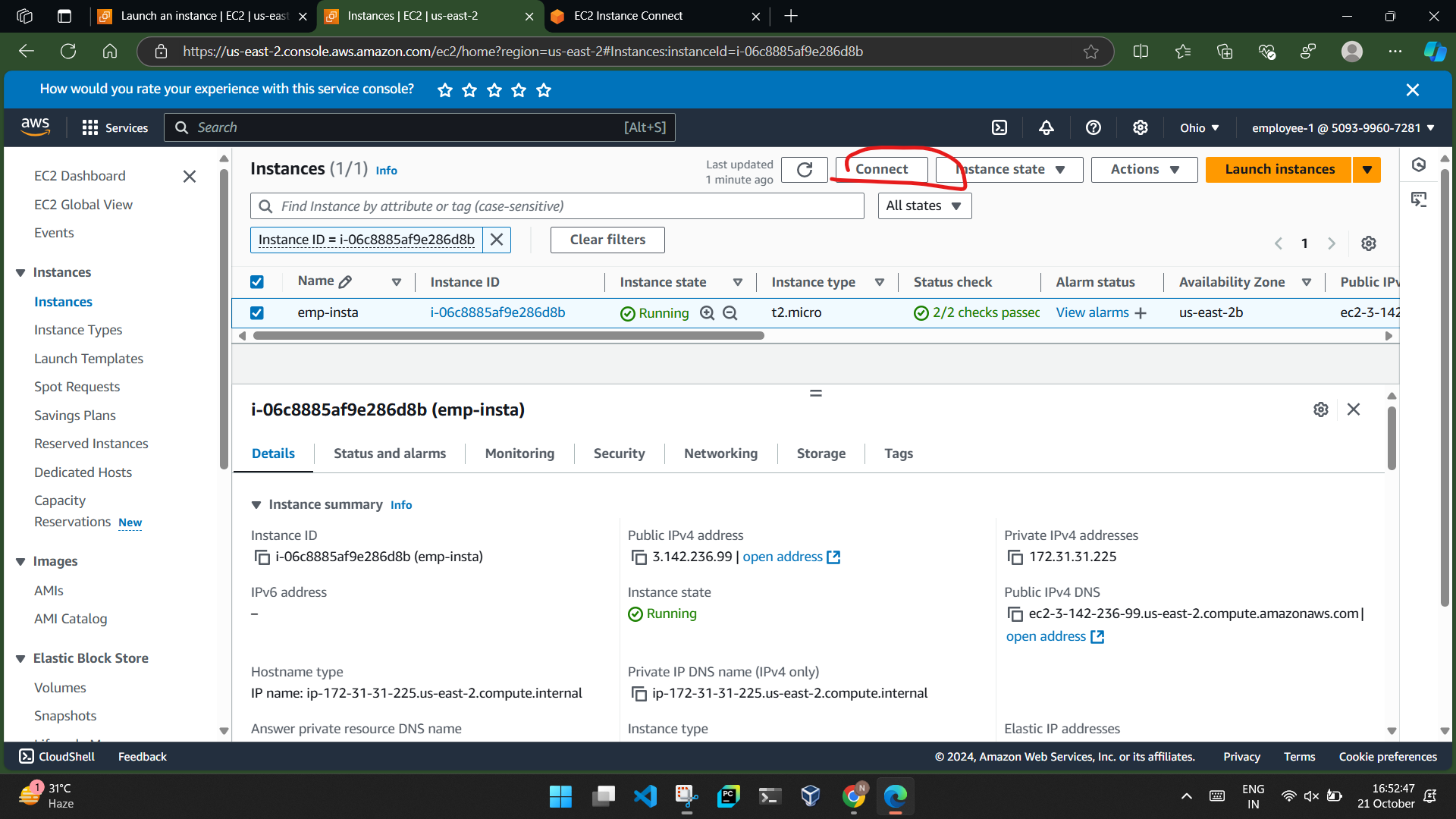
Step 9 : Instance launched

Instance ID : i-06c8885af9e286d8b

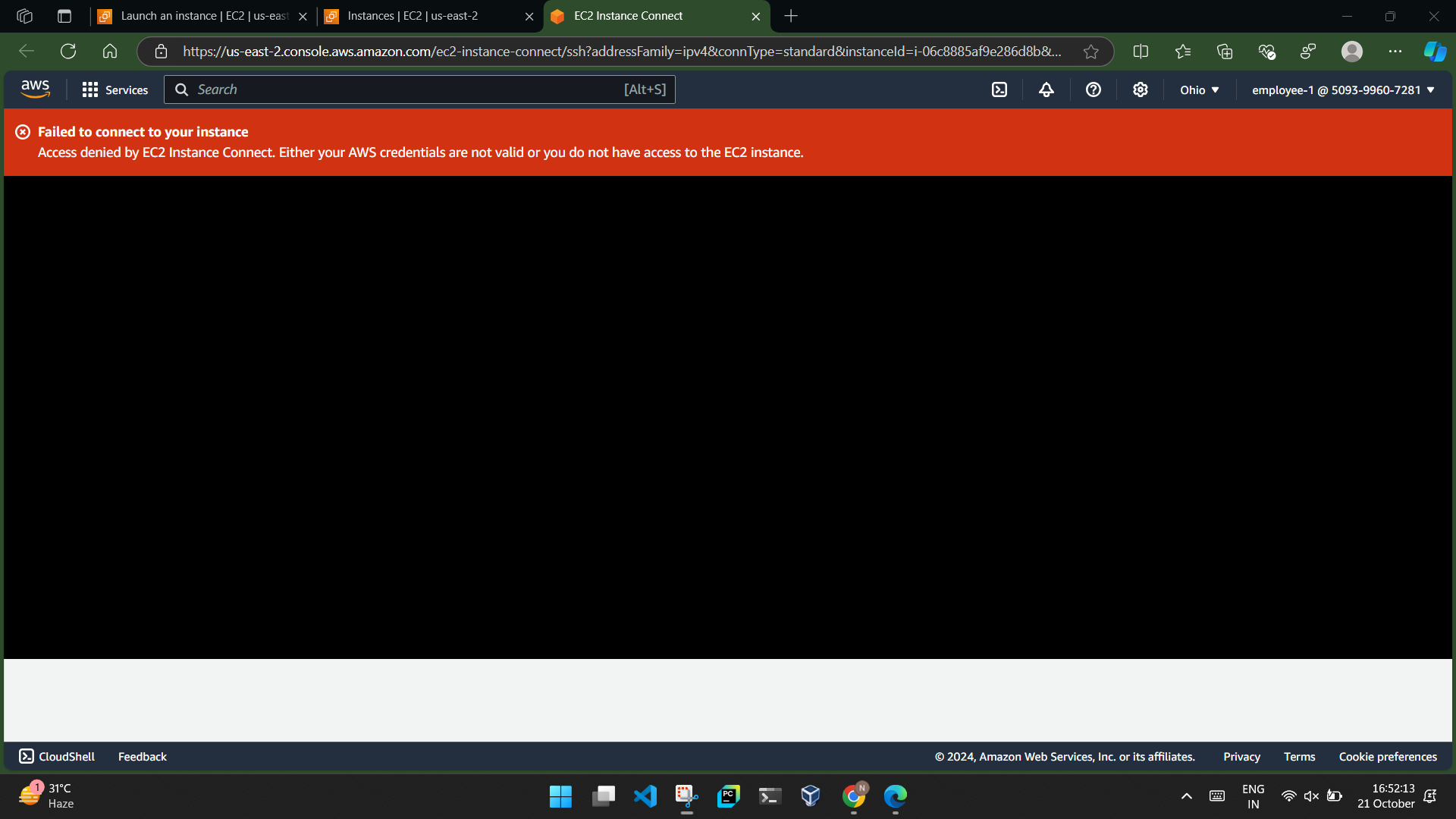
Public IPv4 : 3.142.236.99



Step 10 : Trying to connect instance directly



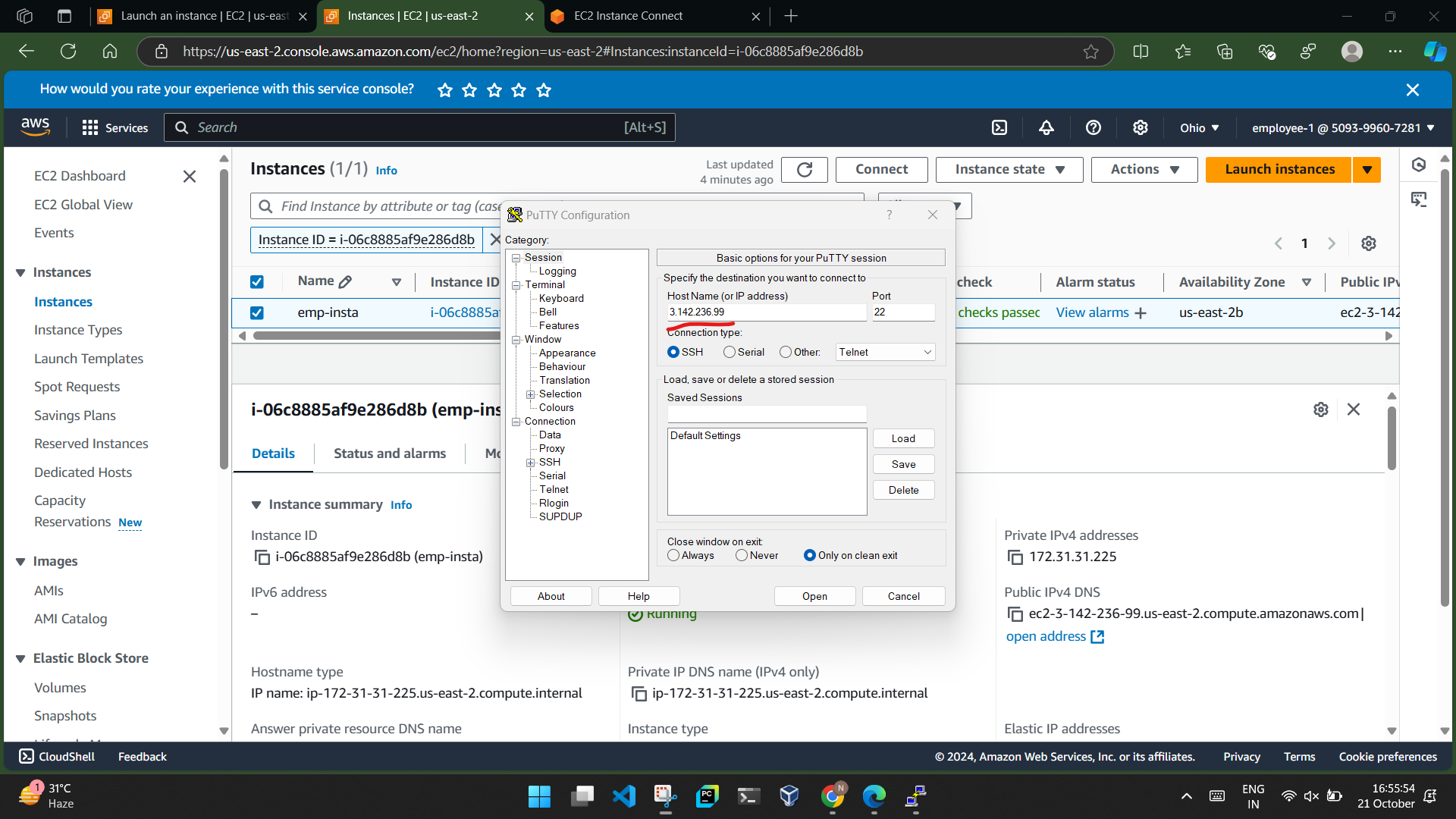
Step 11 : Failed to connect



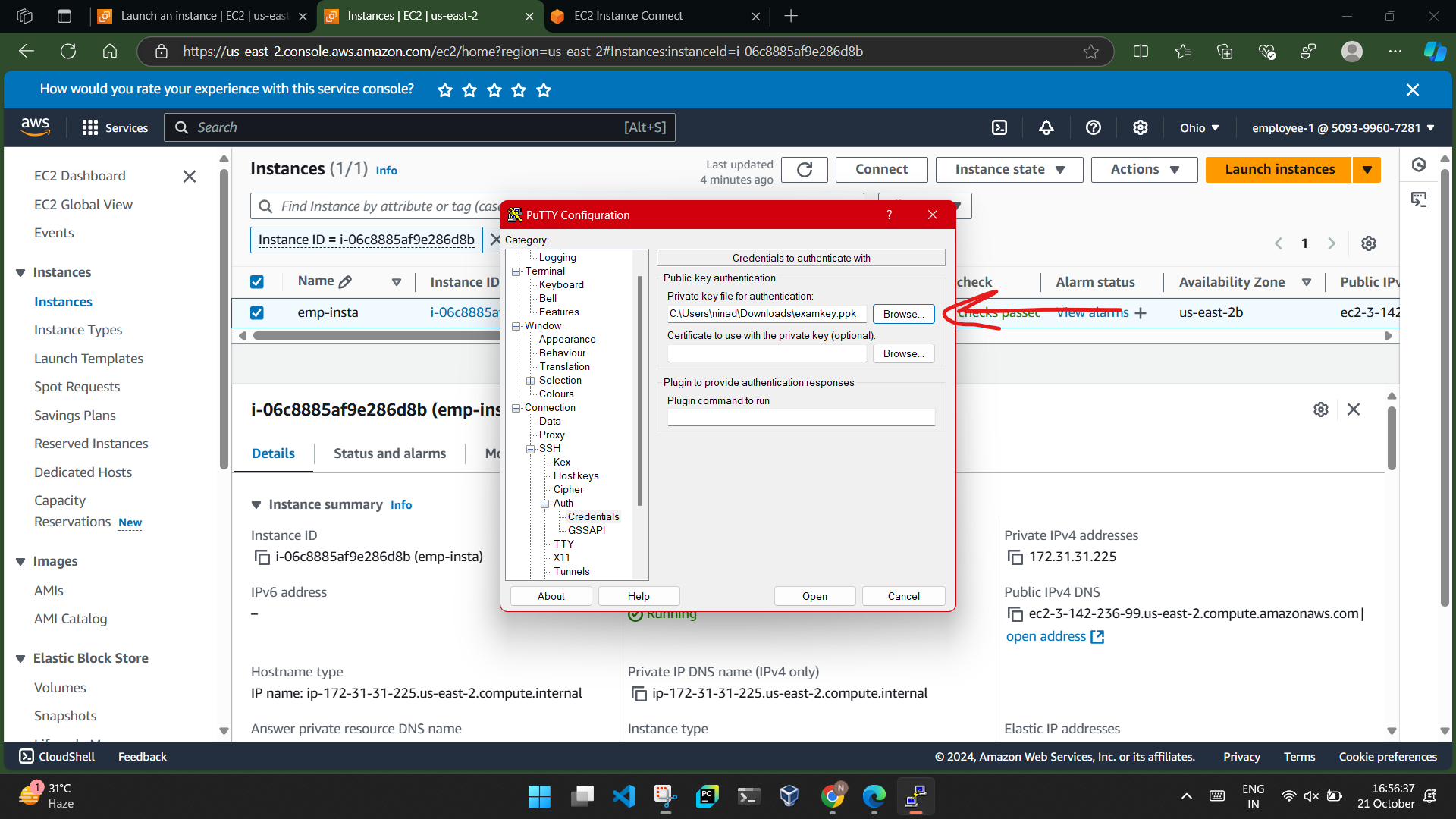
Step 12 : Access key and Secret Access Key generated for PuTTy



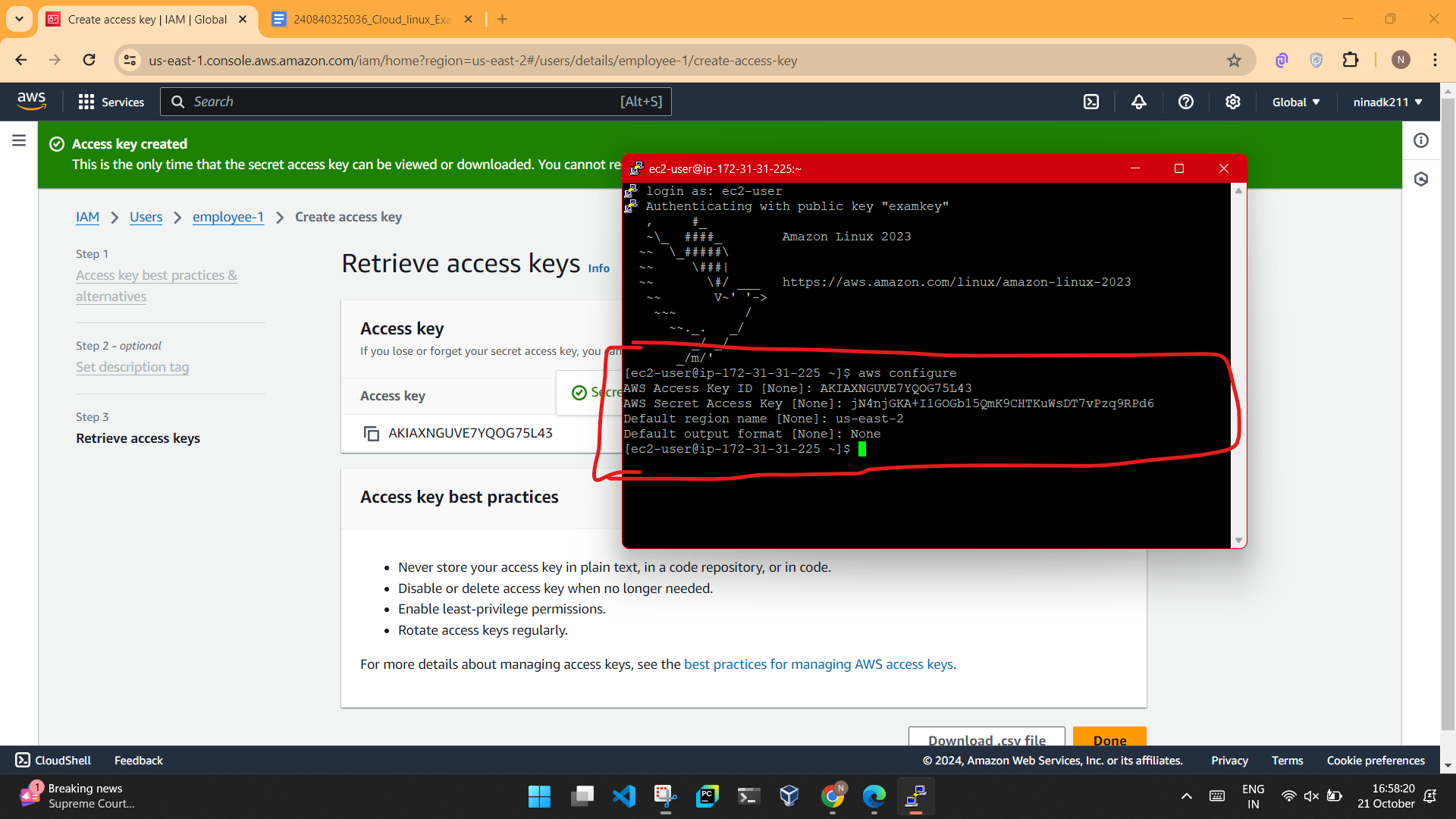
Step 13 : PuTTy login



Step 14 : examkey.ppk browsing



Step 15 : aws configure



aws configure

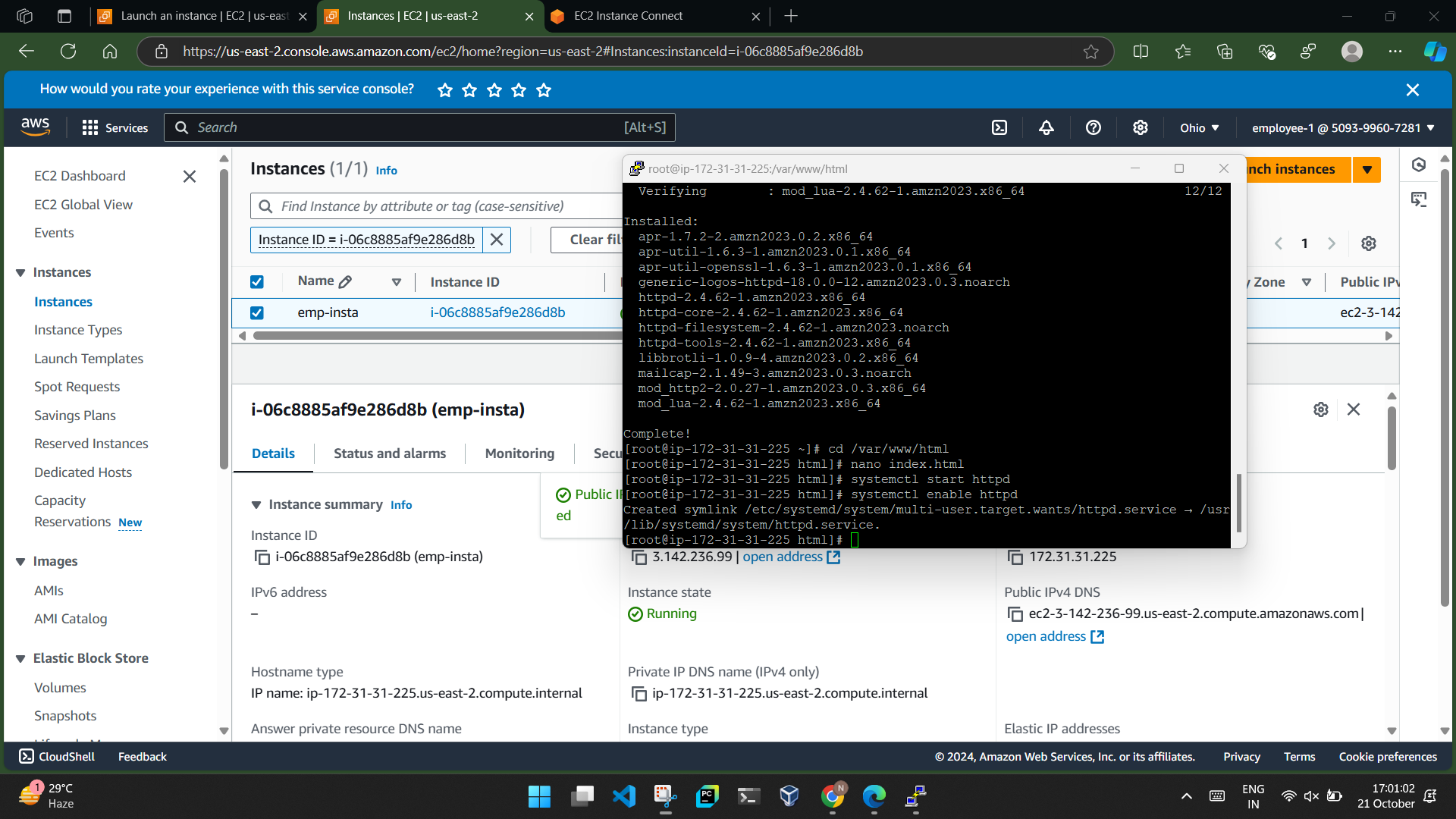
AWS Access Key ID [None]: AKIAXNGUVE7YQOG75L43

AWS Secret Access Key [None]: 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

Default region name [None]: us-east-2

Default output format [None]: None

Step 16 :



sudo -i

yum install httpd -y

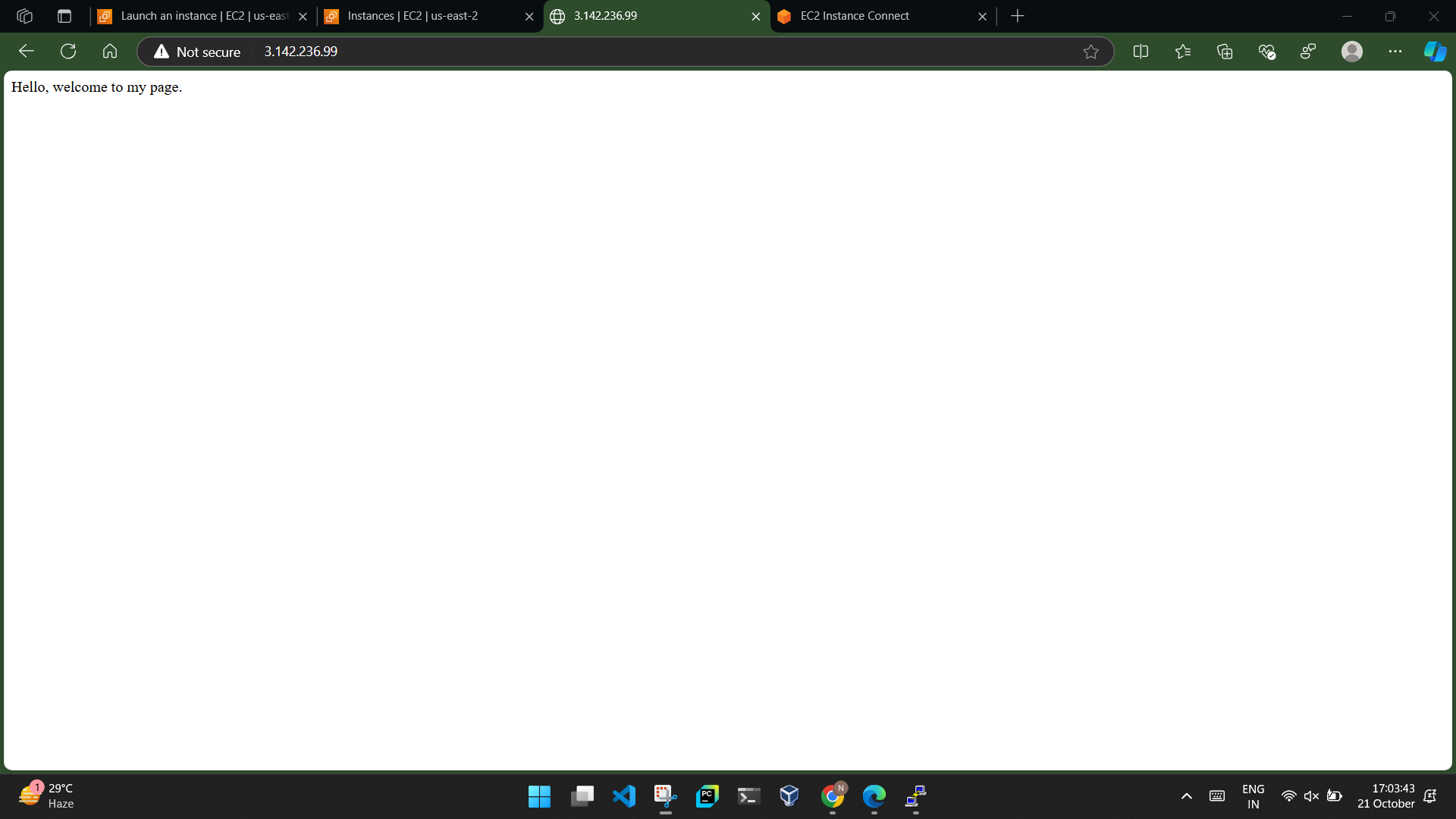
cd /var/www/html

nano index.html

systemctl start httpd —> Start Apache Web Server

systemctl enable httpd

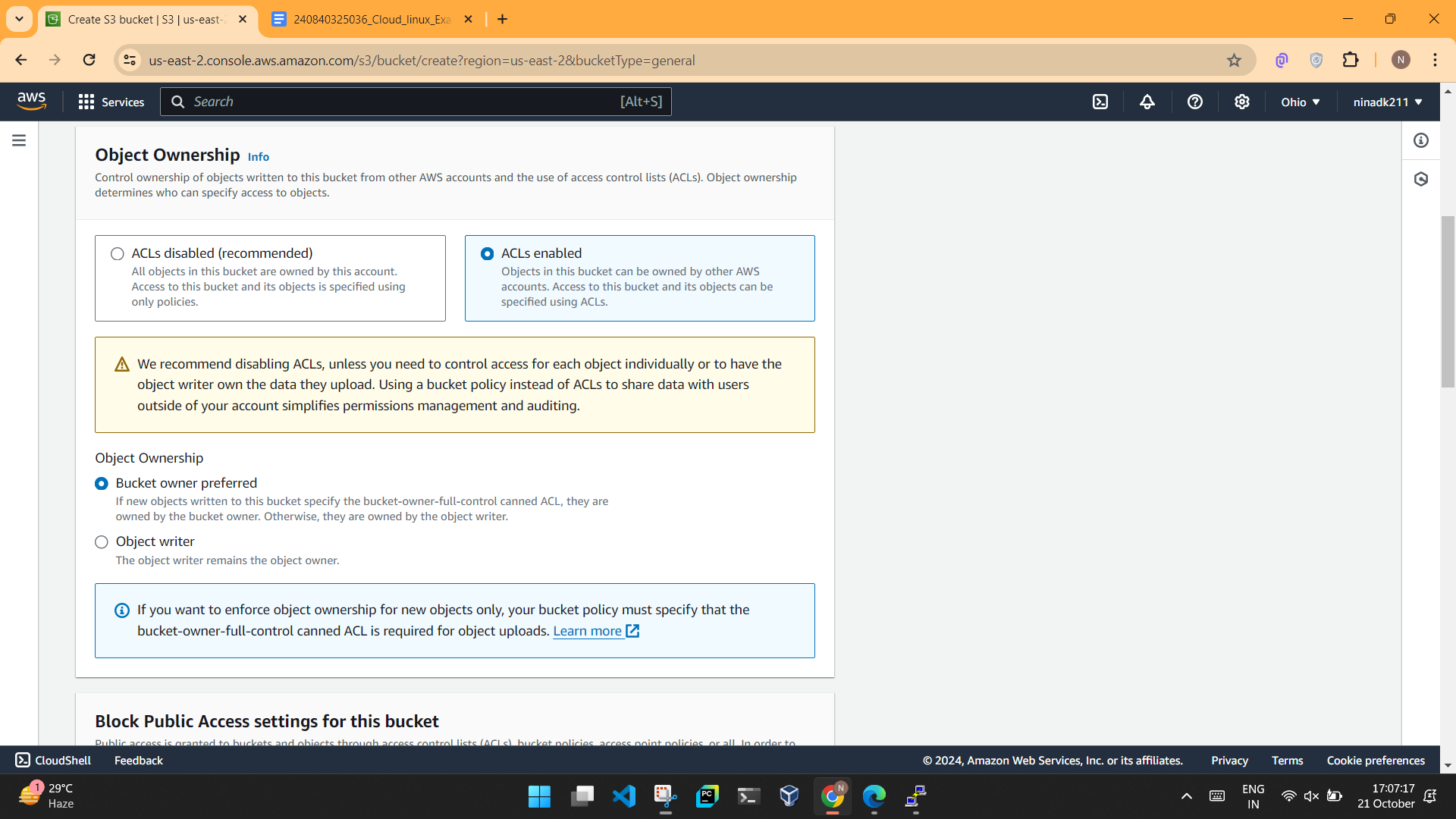
Step 17 : Message on IPv4 : http://3.142.236.99/



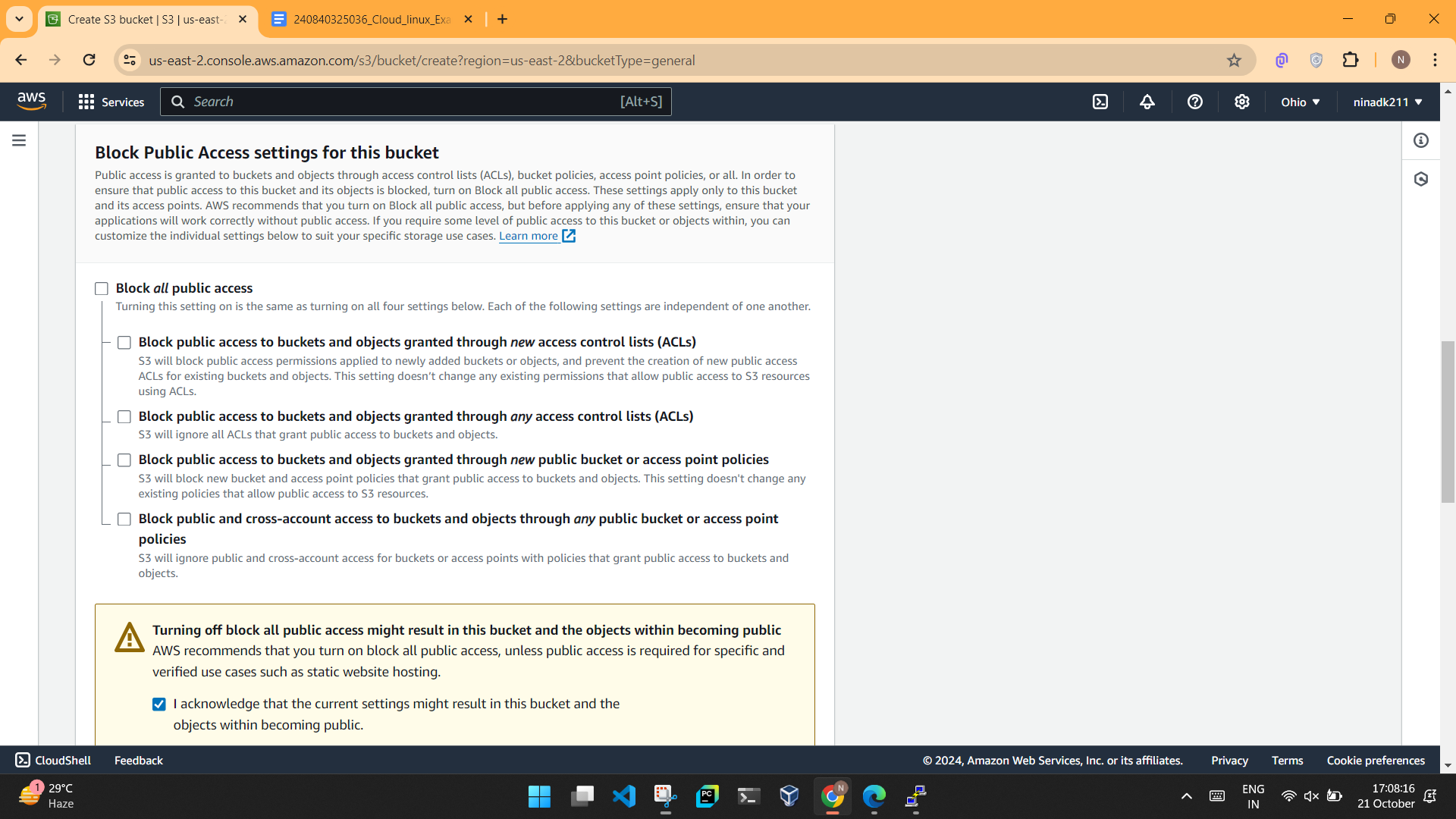
Step 18 : Creating S3 bucket : exam-bucket-cloud



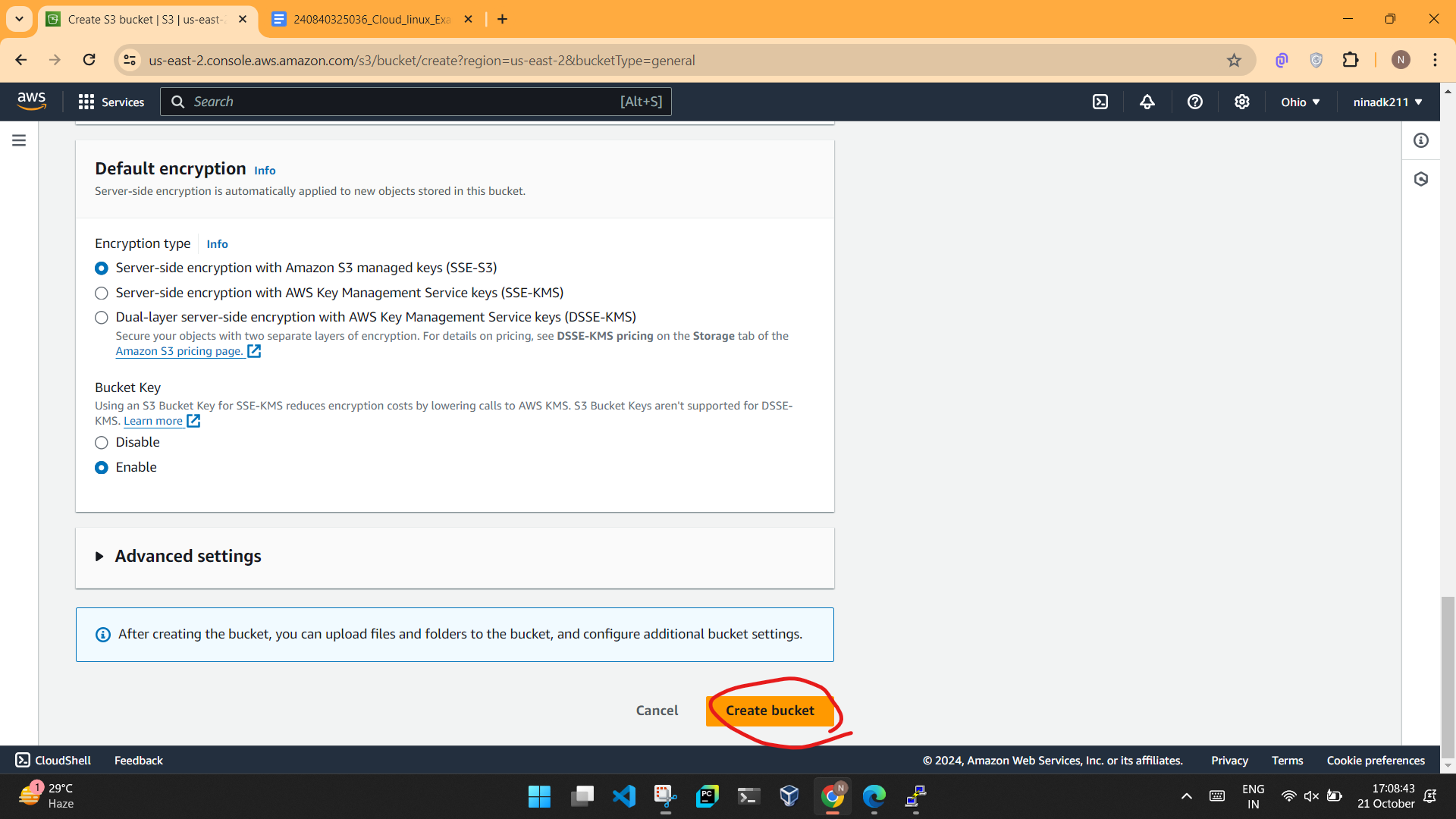
Step 19 : Object Ownership : ACLs enabled

****

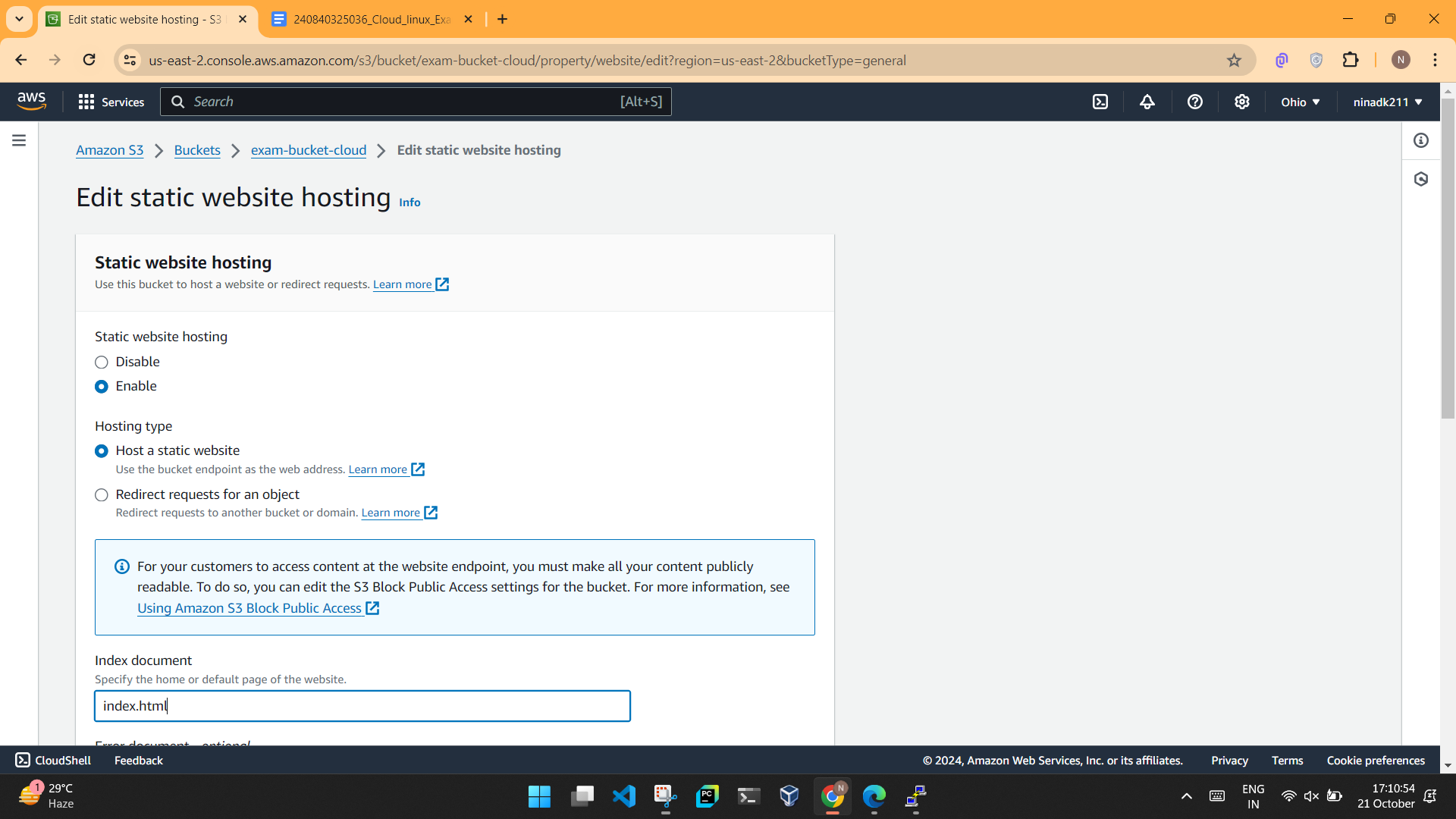
Step 20 : unblocking public access



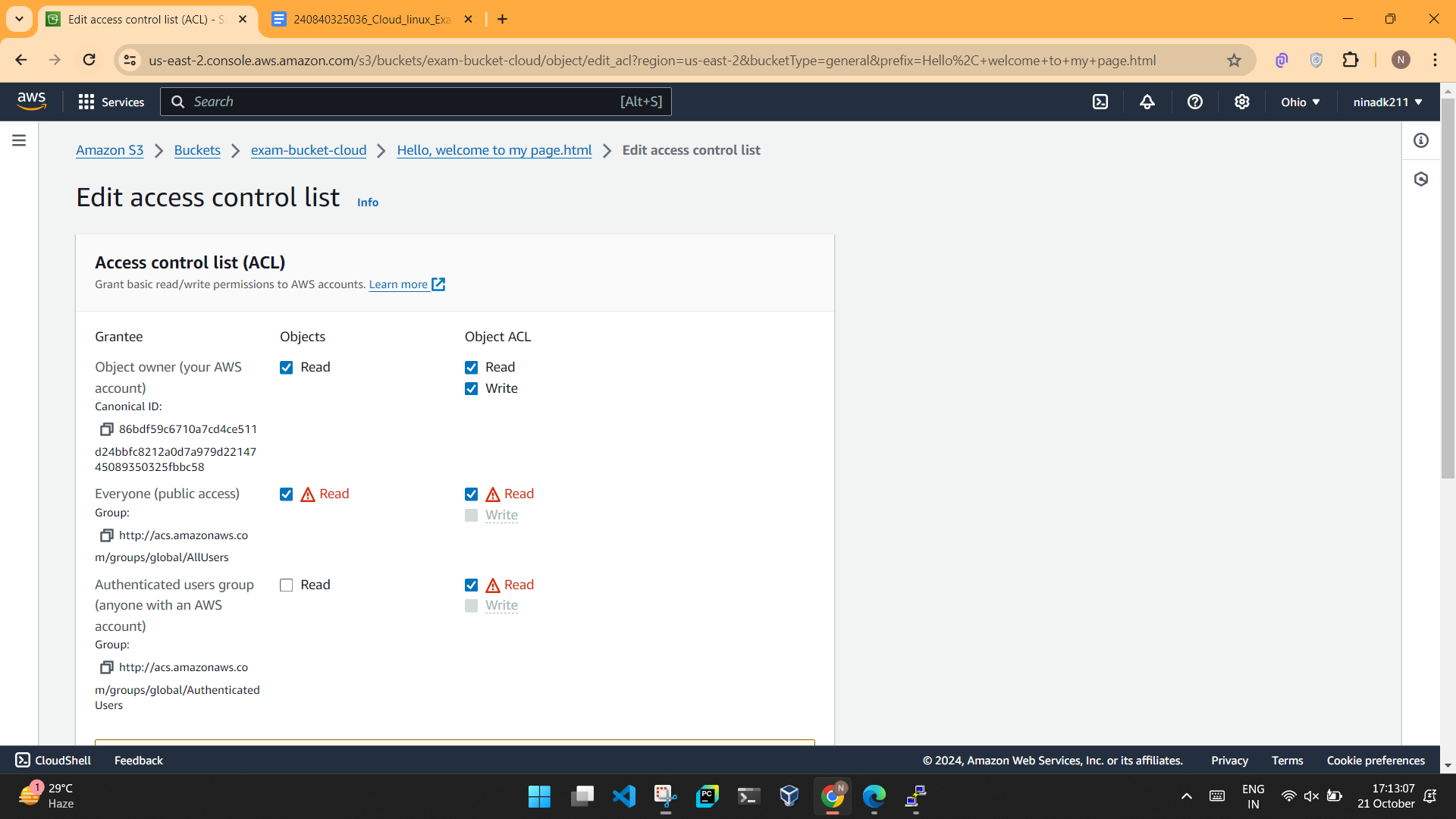
Step 21 : creating bucket



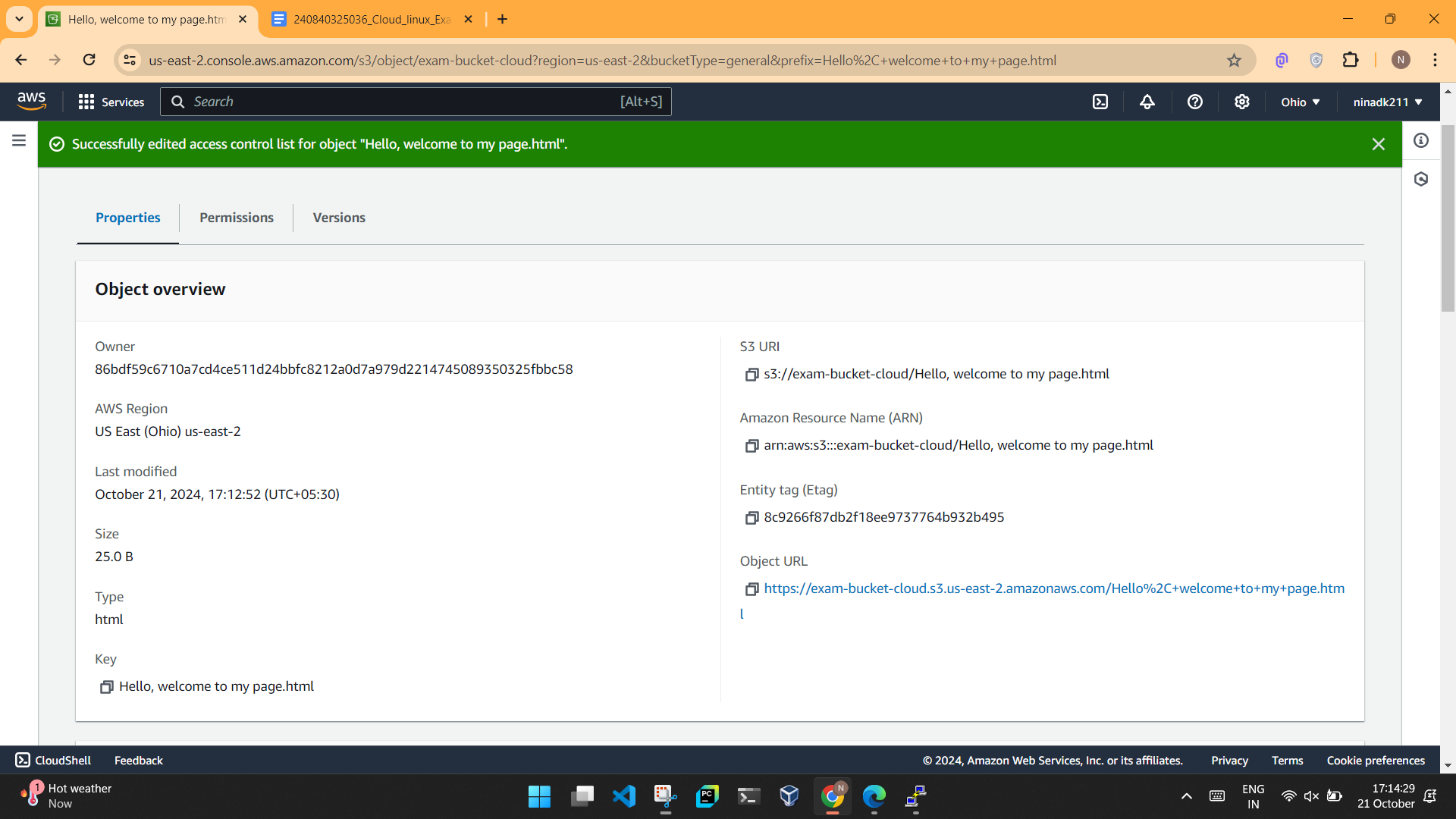
Step 22 : Enable for static website content



Step 23 : Access Control List



Step 24 : Object URL



Step 25 : Opening with Object URL and confirming that html file is publicly accessible.

Object URL :

<https://exam-bucket-cloud.s3.us-east-2.amazonaws.com/Hello%2C+welcome+to+my+page.html>

