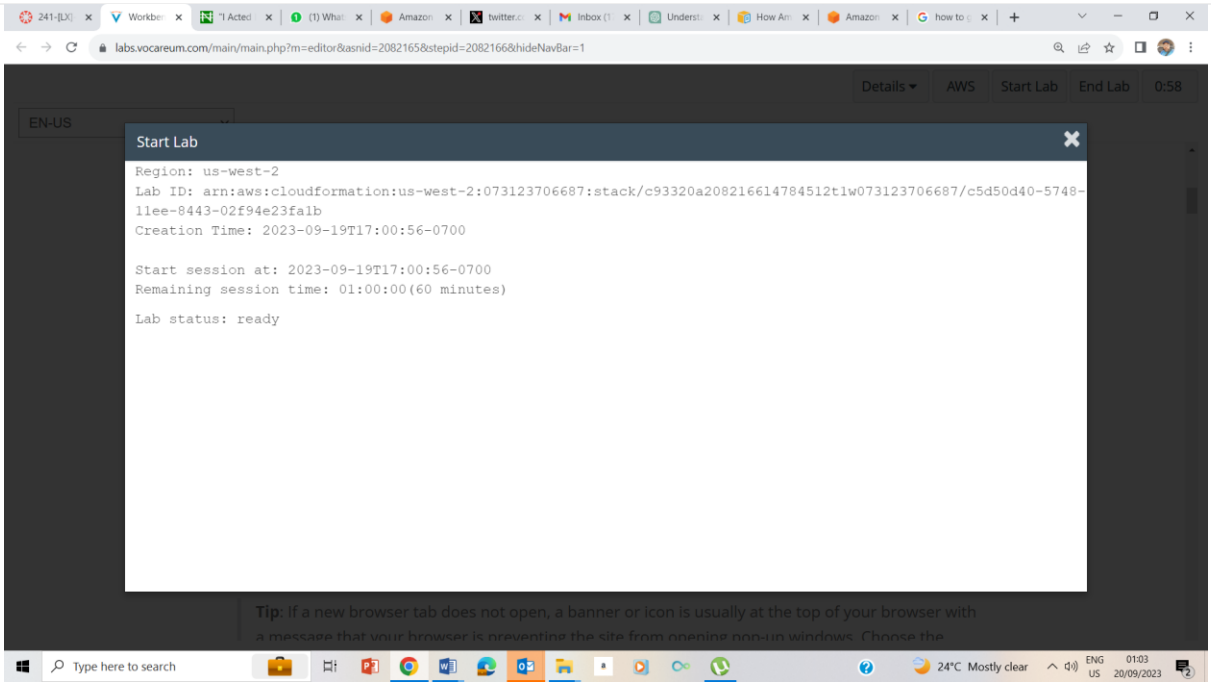
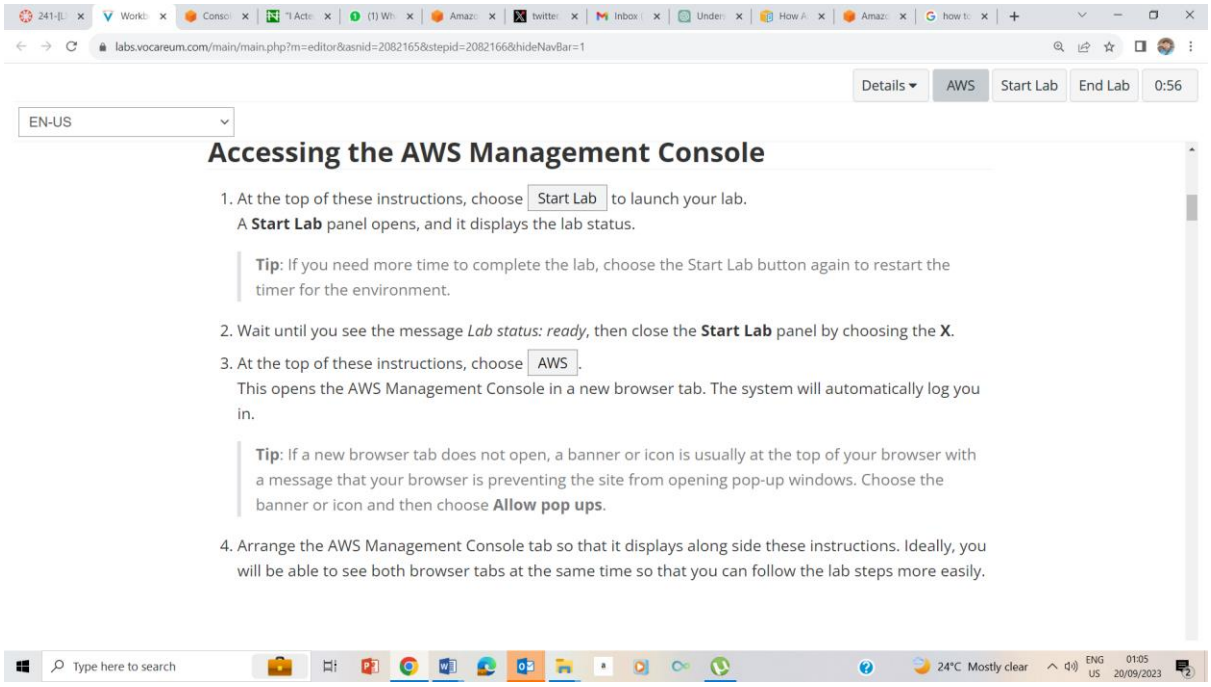
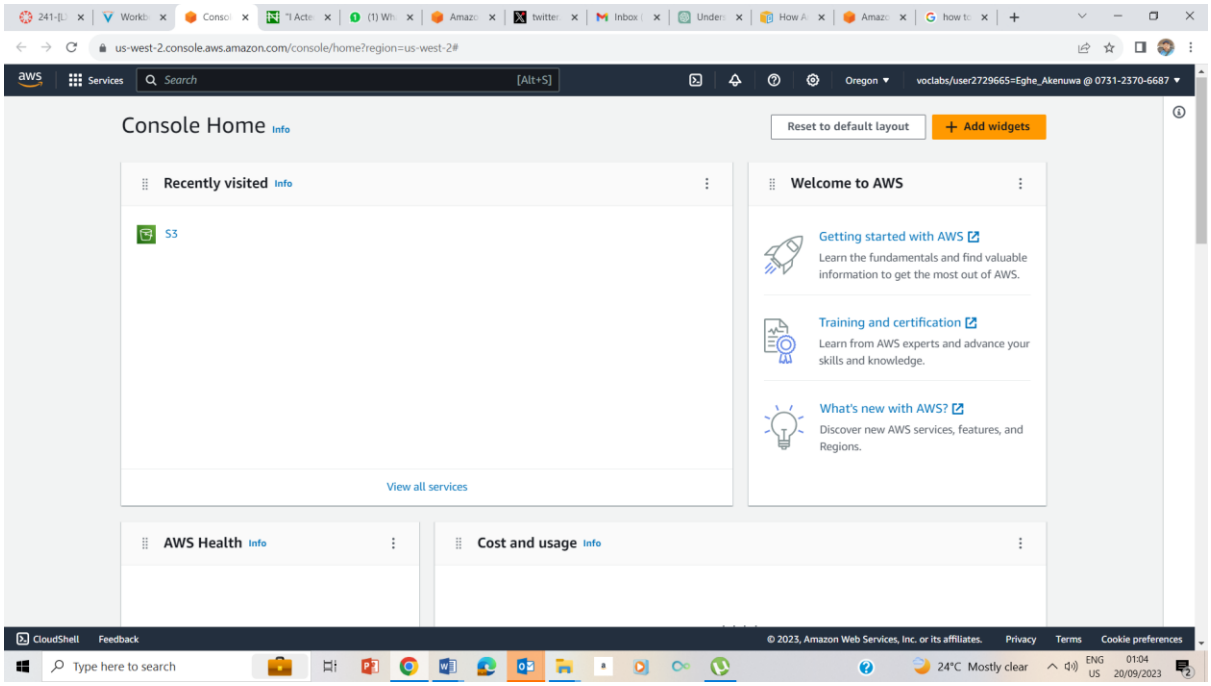
Managing Services – Monitoring Lab

Accessing the AWS Management Console



1-2 Starting the lab

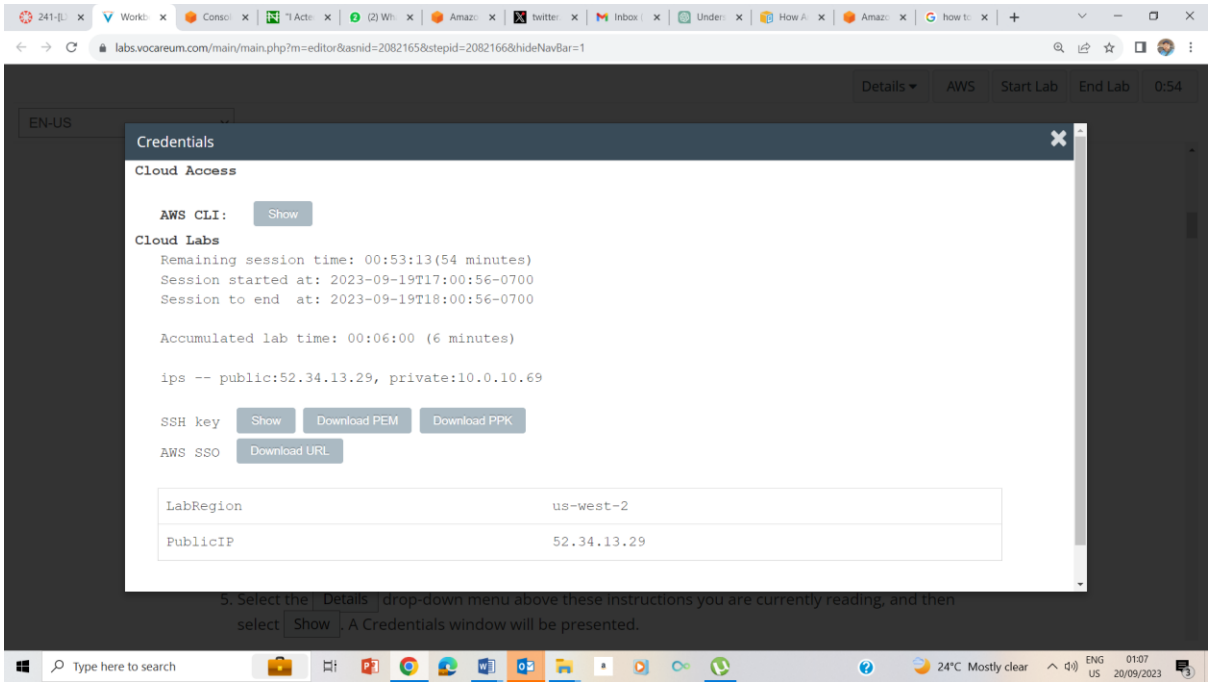




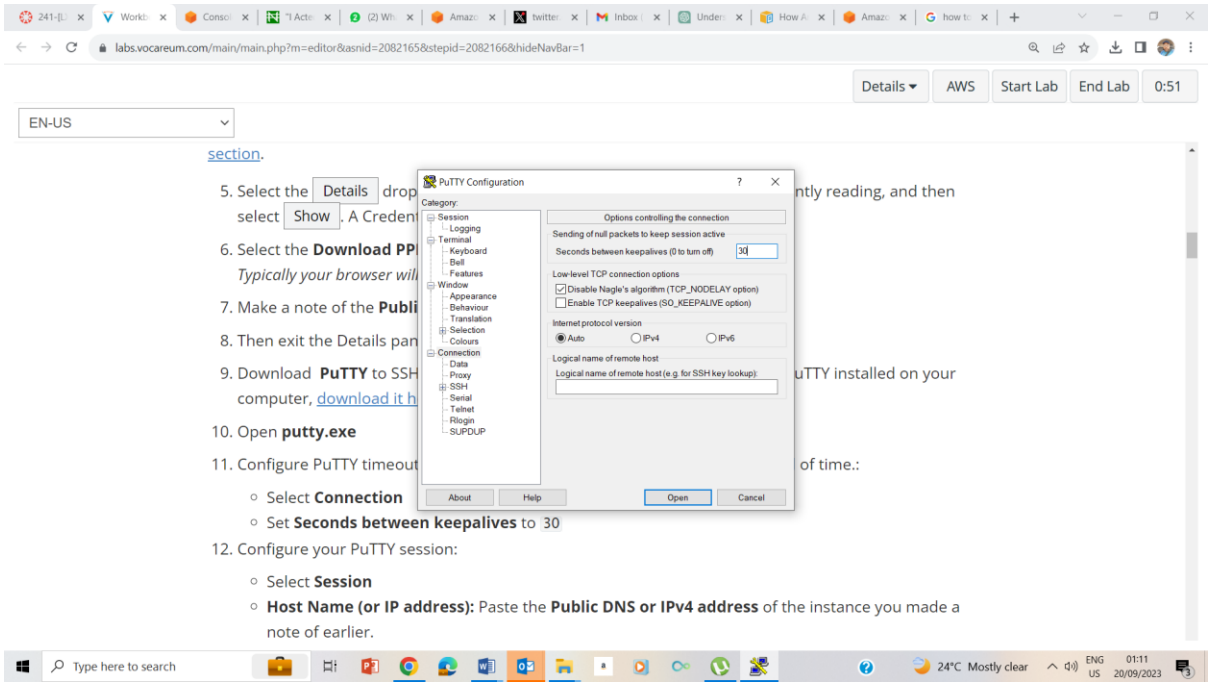
3-4. I clicked on AWS on the instruction page to take me to the AWS Management page

Task 1: Use SSH to connect to an Amazon Linux EC2 instance

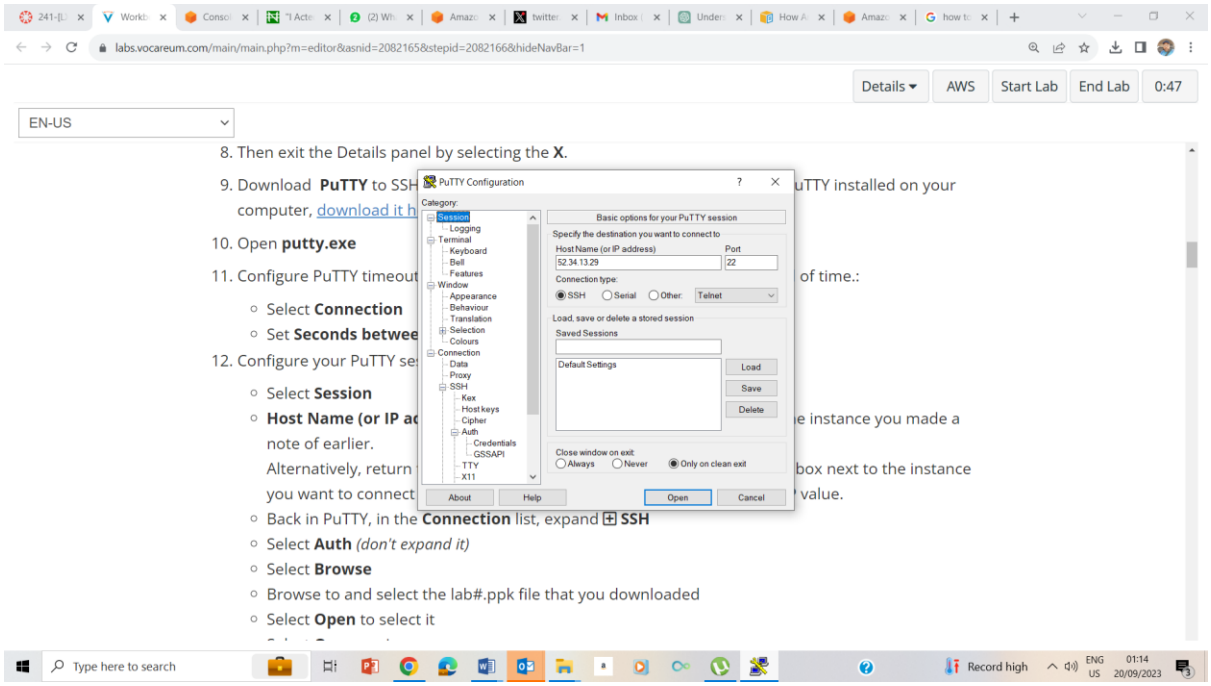
Windows Users: Using SSH to Connect

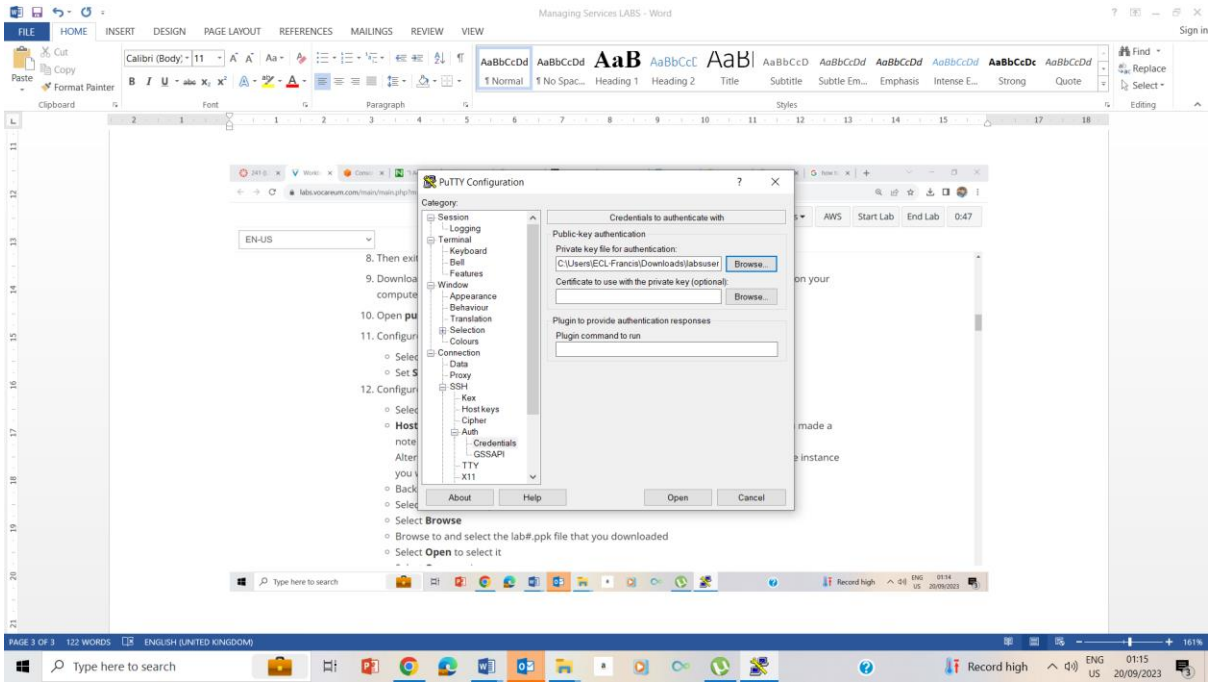


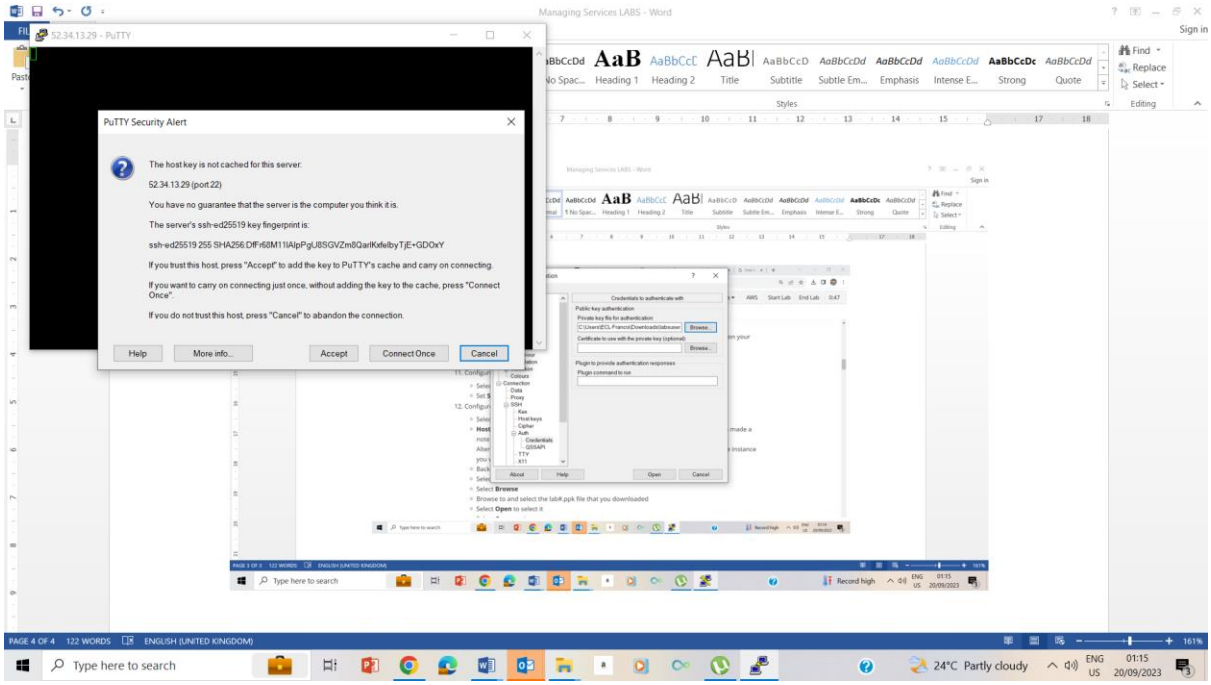
5-8. I clicked on the Details drop down box at the top of the Instruction page, and selected show. It brought out the credentials page, when I now clicked on Download PPK, and also made a note of the public IP address which is 52.34.13.29

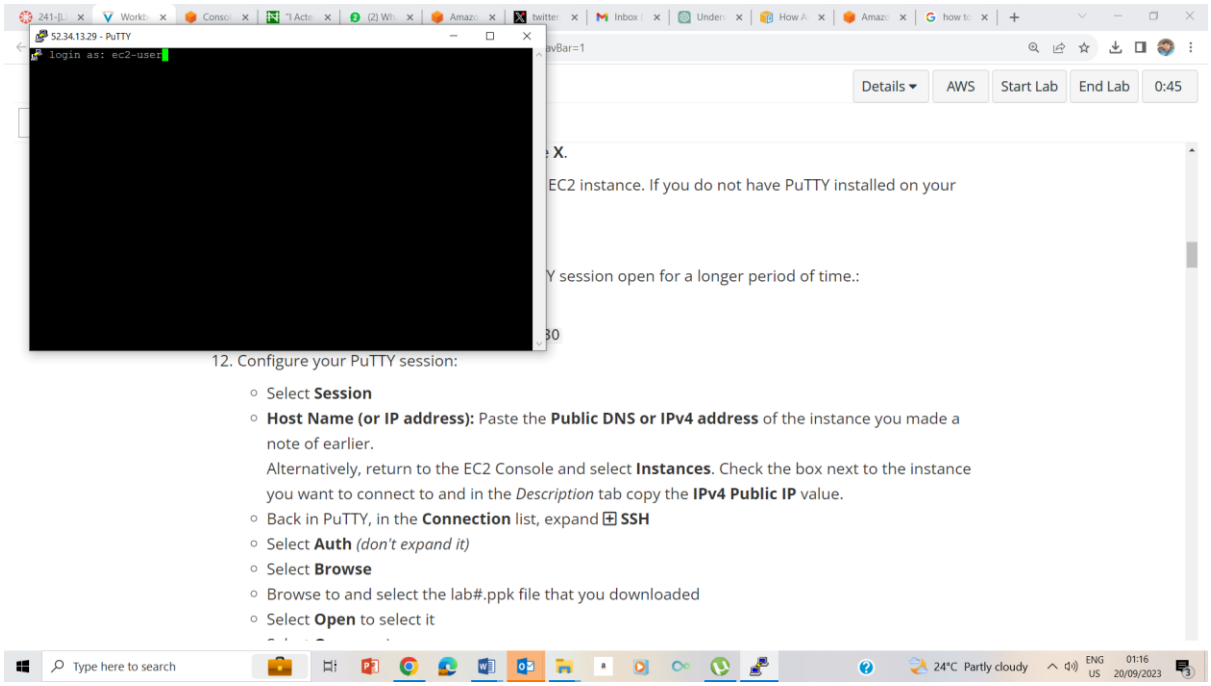


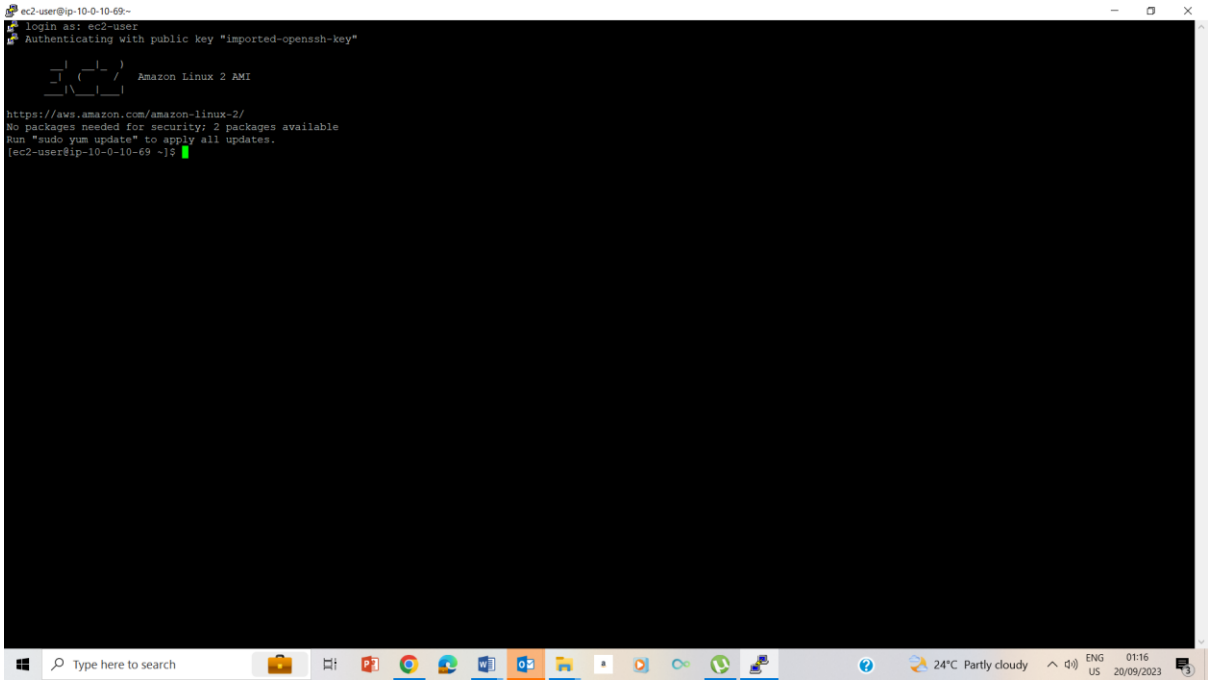
9-11 Opened Putty file, from my downloads, ran the putty.exe file, and on the putty page, I clicked on connection and set the seconds between keepalives to be 30.




Managing Services LABS - Word
PuTTY Configuration
Category:
Session
Logging
Terminal
Keyboard
Bell
Features
Window
Appearance
Behaviour
Translation
Selection
Colours
Connection
Data
Proxy
SSH
Kex
Host keys
Cipher
Auth
Credentials
GSSAPI
TTY
X11
Credentials to authenticate with
Public-key authentication
Private key file for authentication:
C:\Users\ECL-Francis\Downloads\labsuser
Browse...
Certificate to use with the private key (optional):
Plugin to provide authentication responses
Plugin command to run
About
Help
Open
Cancel
EN-US
Select Browse
Browse to and select the lab#.ppk file that you downloaded
Select Open to select it
Type here to search
Record high
ENG
US
01:15
20/09/2023

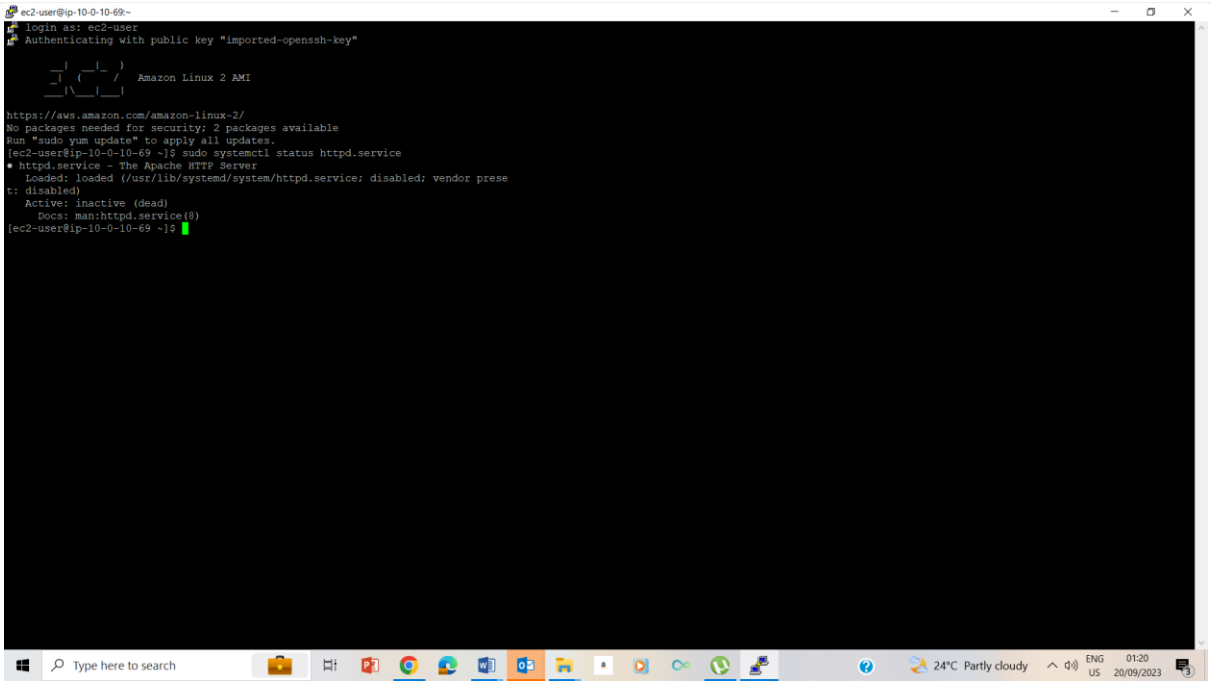

Managing Services LABS - Word
52.34.13.29 - PuTTY
PuTTY Security Alert
The host key is not cached for this server:
52.34.13.29 (port 22)
You have no guarantee that the server is the computer you think it is.
The server's ssh-ed25519 key fingerprint is:
ssh-ed25519 255 SHA256:DfFx68M11IAlpPgU8SGVZm8QarlKxfelbyTjE+GDOxY
If you trust this host, press "Accept" to add the key to PuTTY's cache and carry on connecting.
If you want to carry on connecting just once, without adding the key to the cache, press "Connect Once".
If you do not trust this host, press "Cancel" to abandon the connection.
Help
More info...
Accept
Connect Once
Cancel
Type here to search
24°C Partly cloudy
ENG
US
01:15
20/09/2023



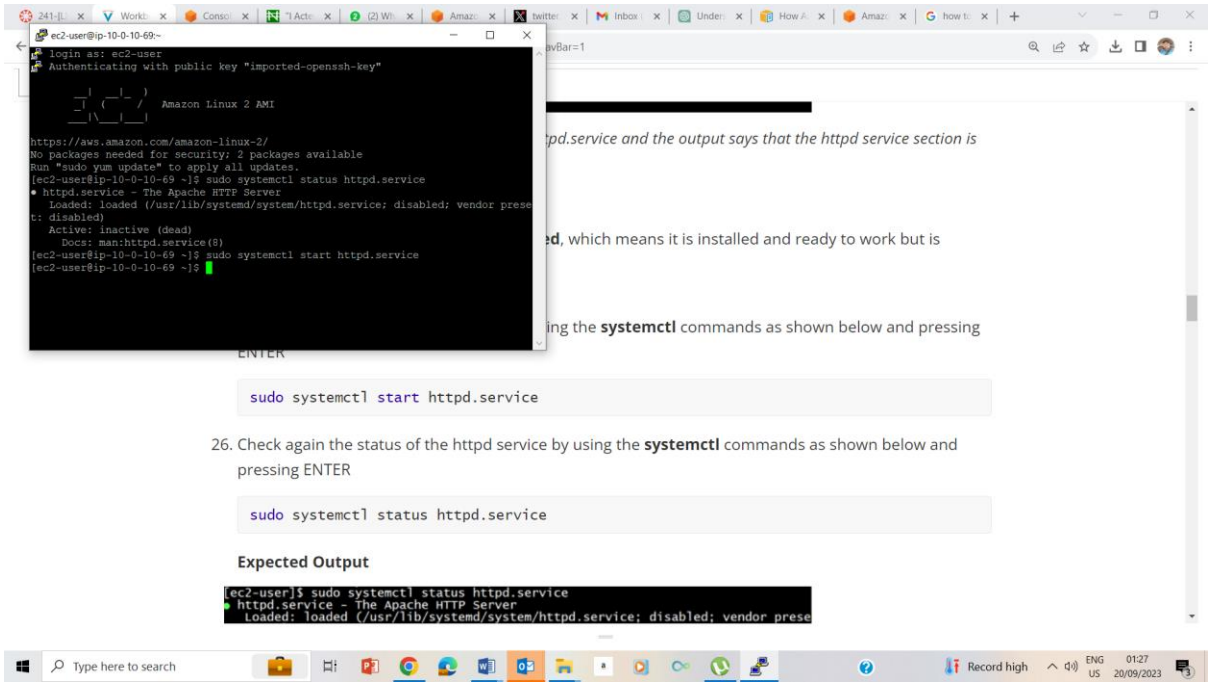


12-15 I configured my putty file.

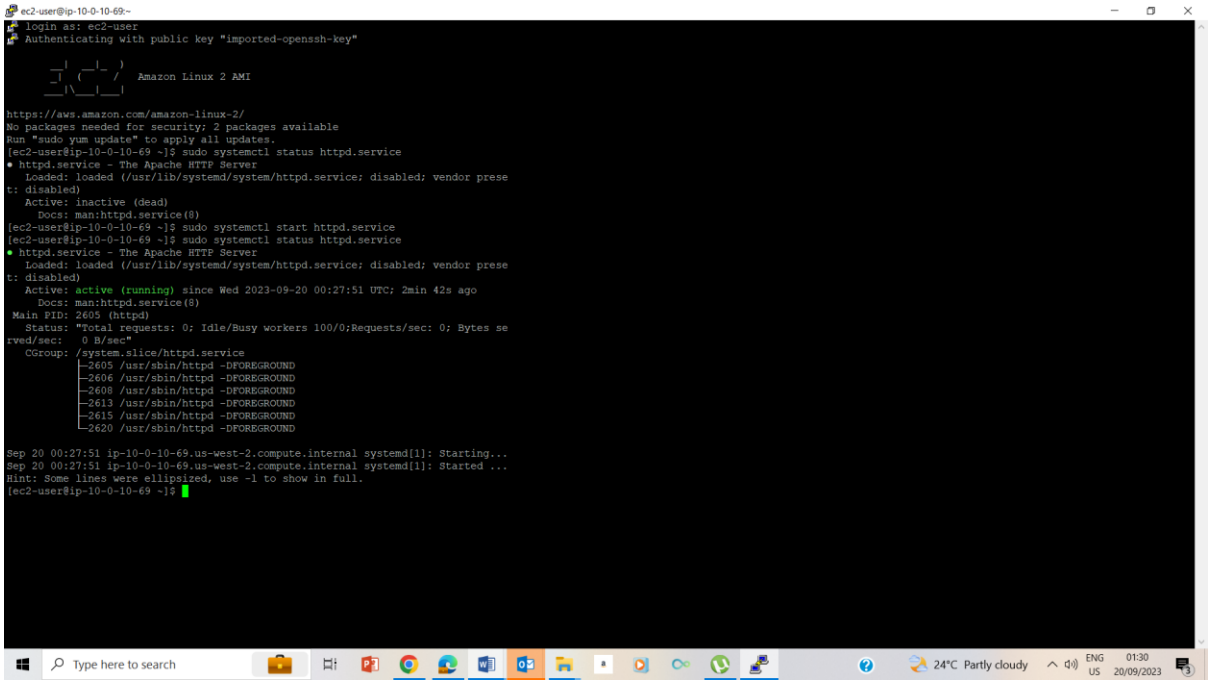
Task 2: Check the Status of the httpd Service



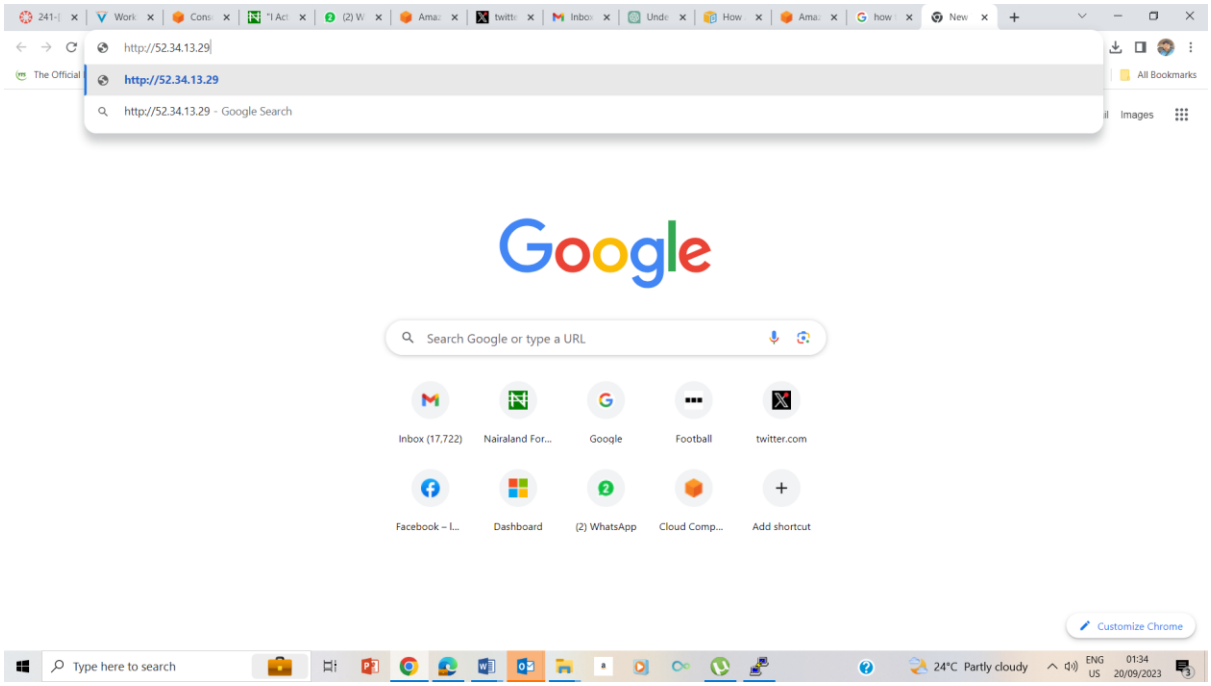
24. Checked the status of the system using systemctl command

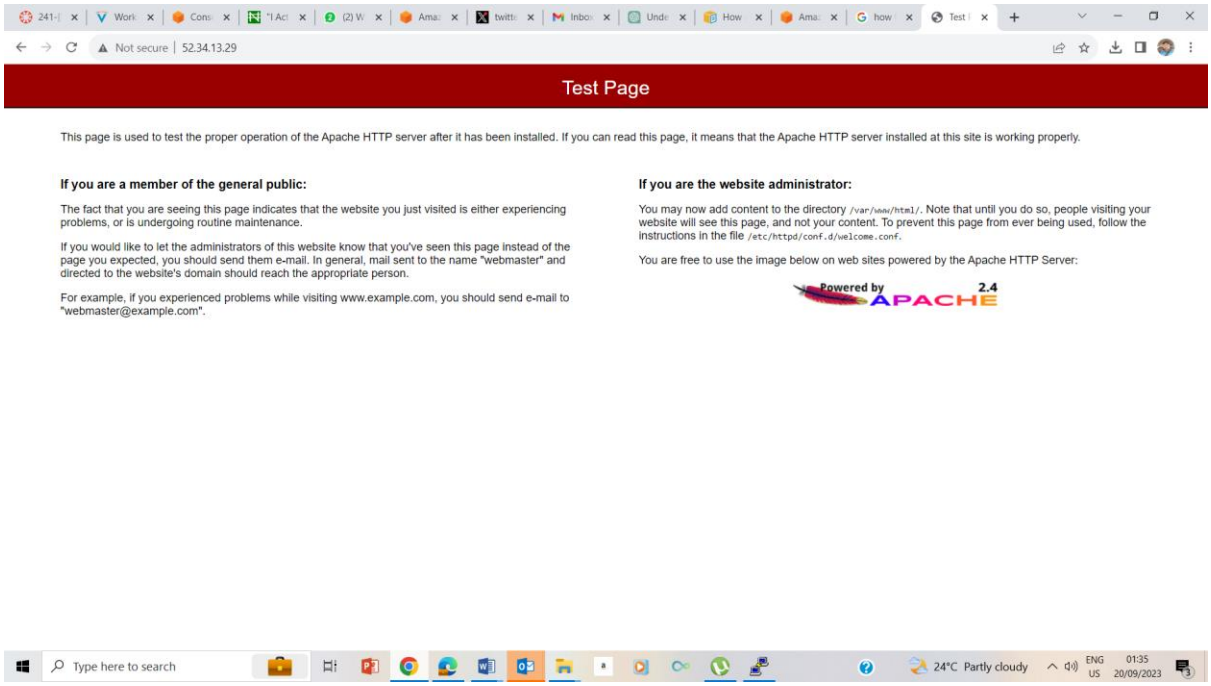


25, Starting the systemctl service using the start command

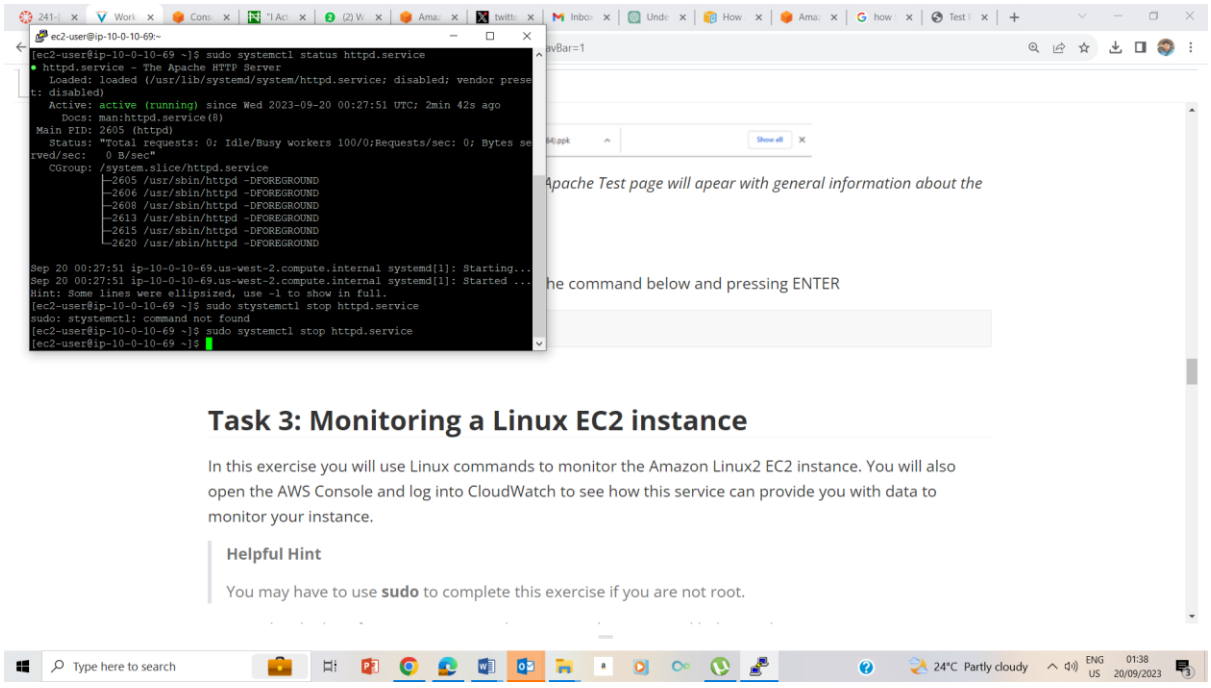


26. Checking the status of the system using the status command. i.e. sudo systemctl status httpd.service



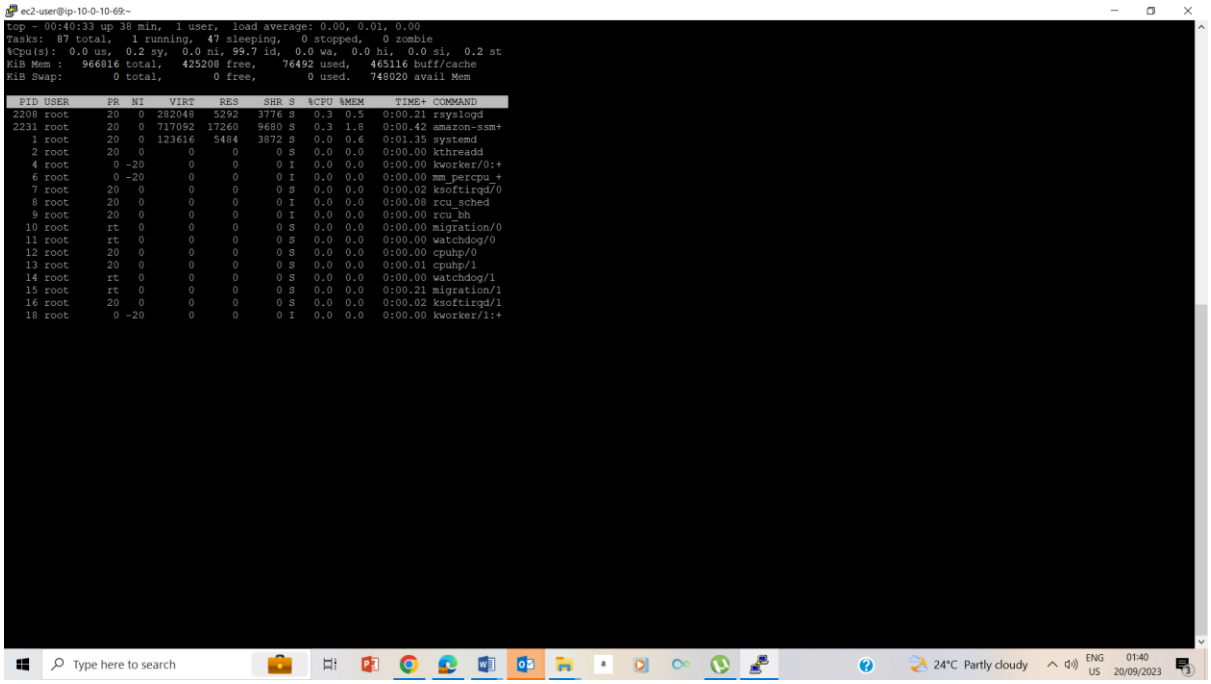


27. Tested the functionality of the httpd command ie working correctly by opening a new tab on my browser and running the public ip address that I noted earlier.

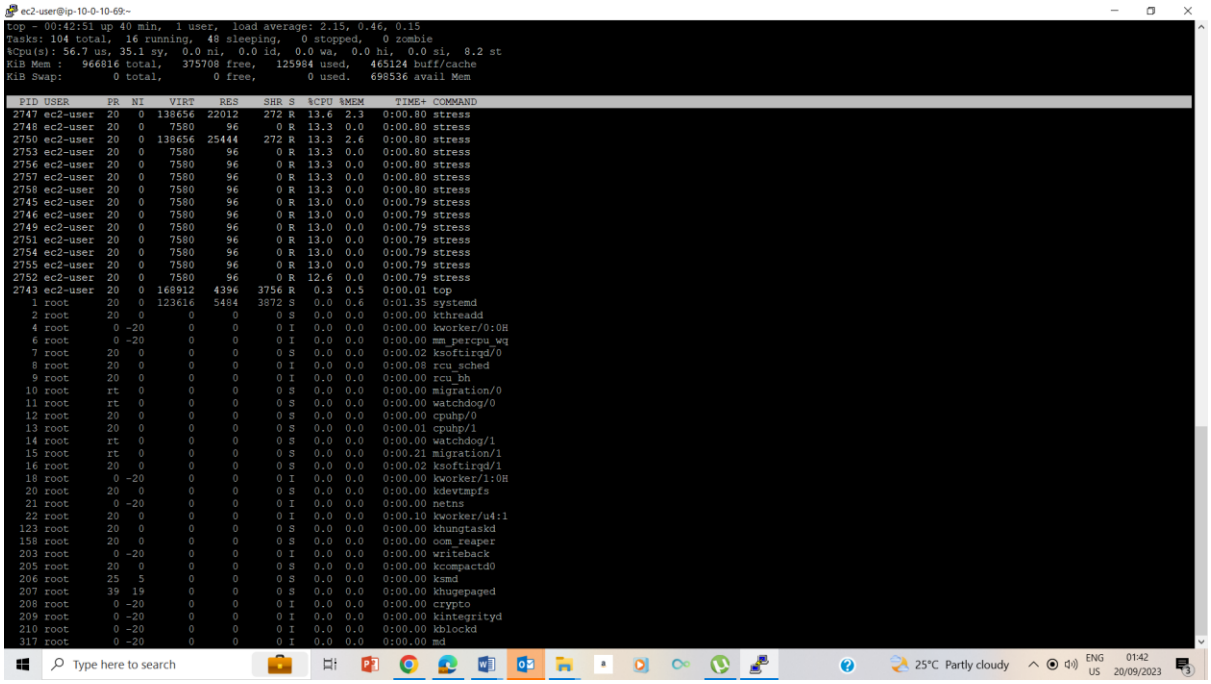


28. Stopped running the httpd service by using the stop command. Ie sudo sydtemctl stop httpd.service

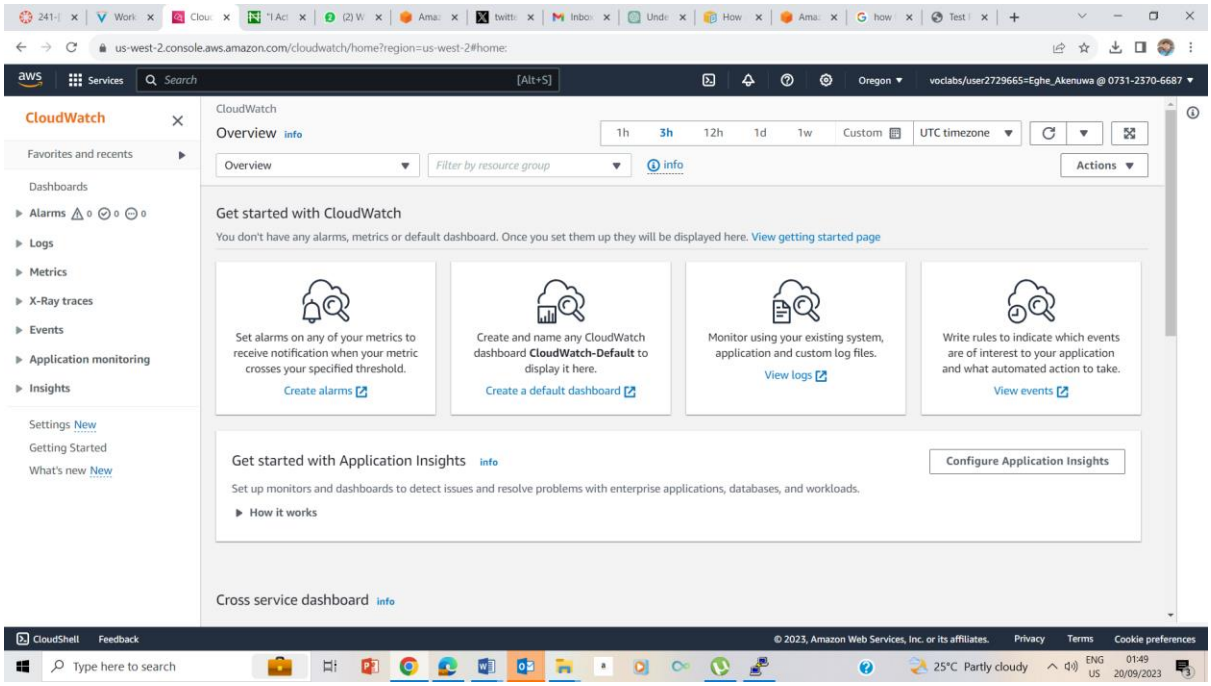
Task 3: Monitoring a Linux EC2 instance



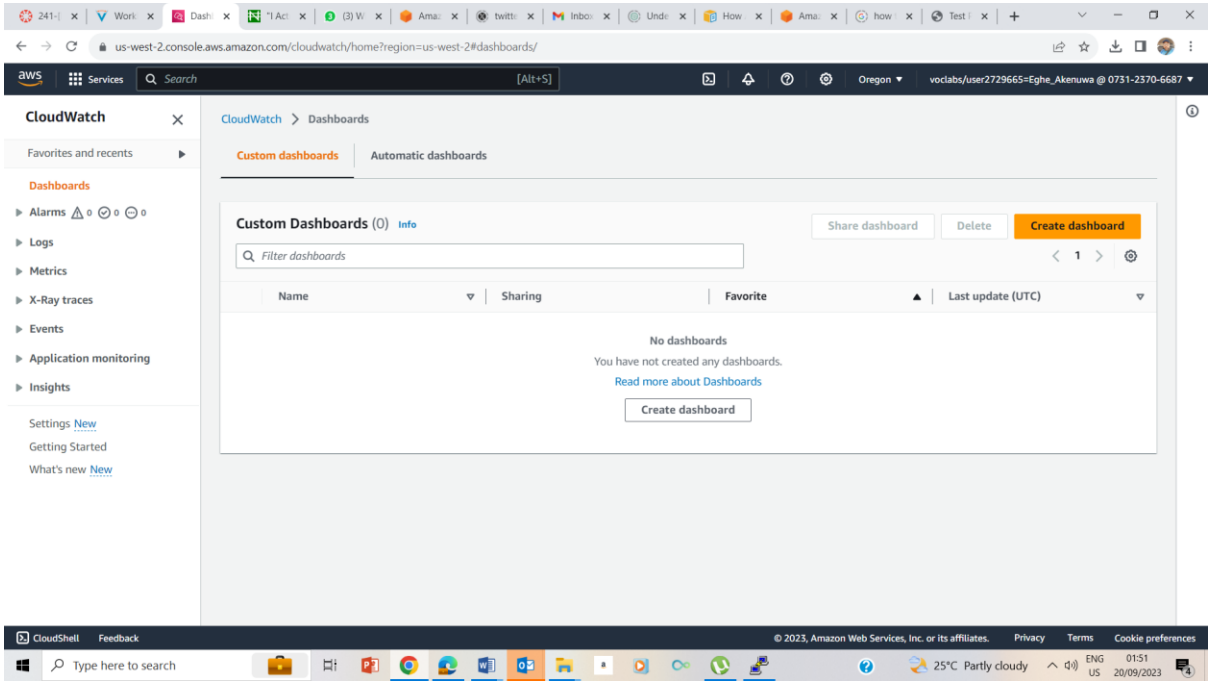
29. list the prosesses running using the top command. I later hit q to exit

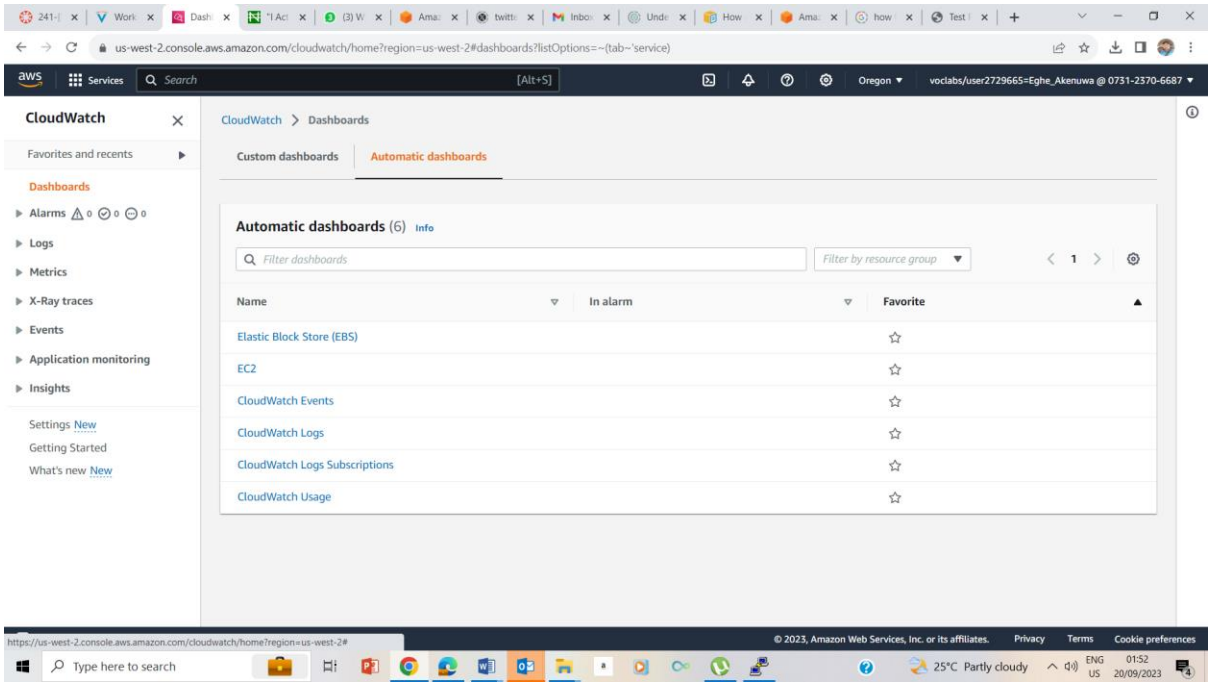


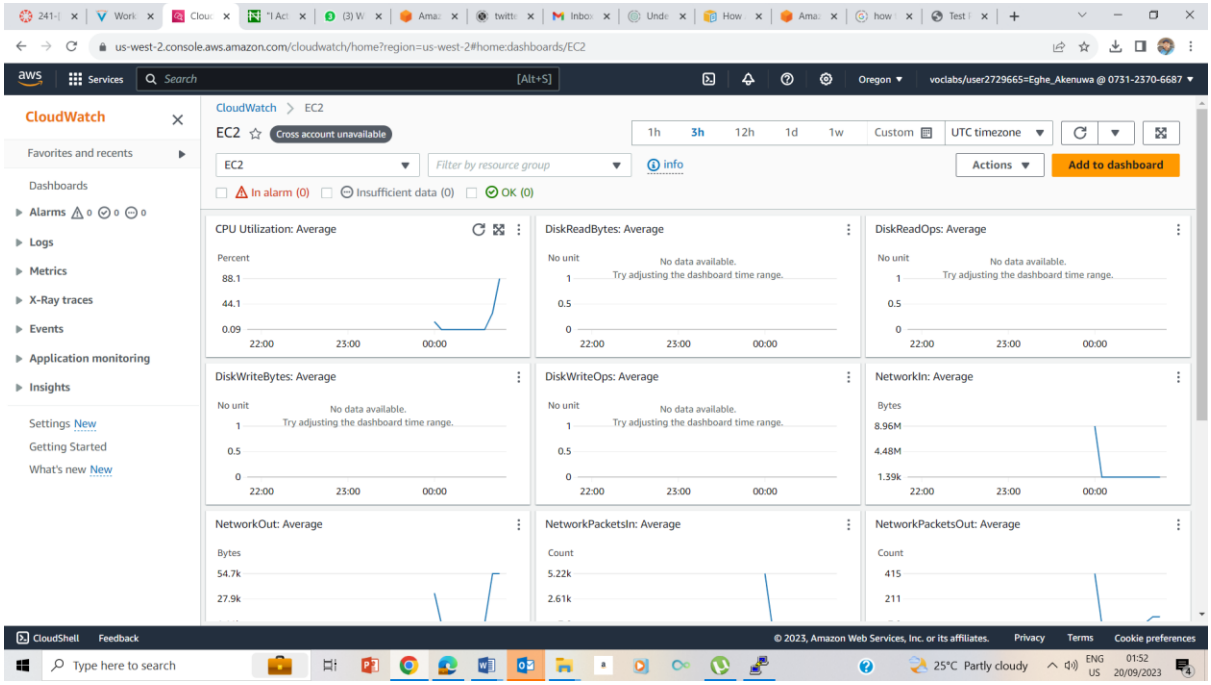
30. ran the ./stress.sh & top command



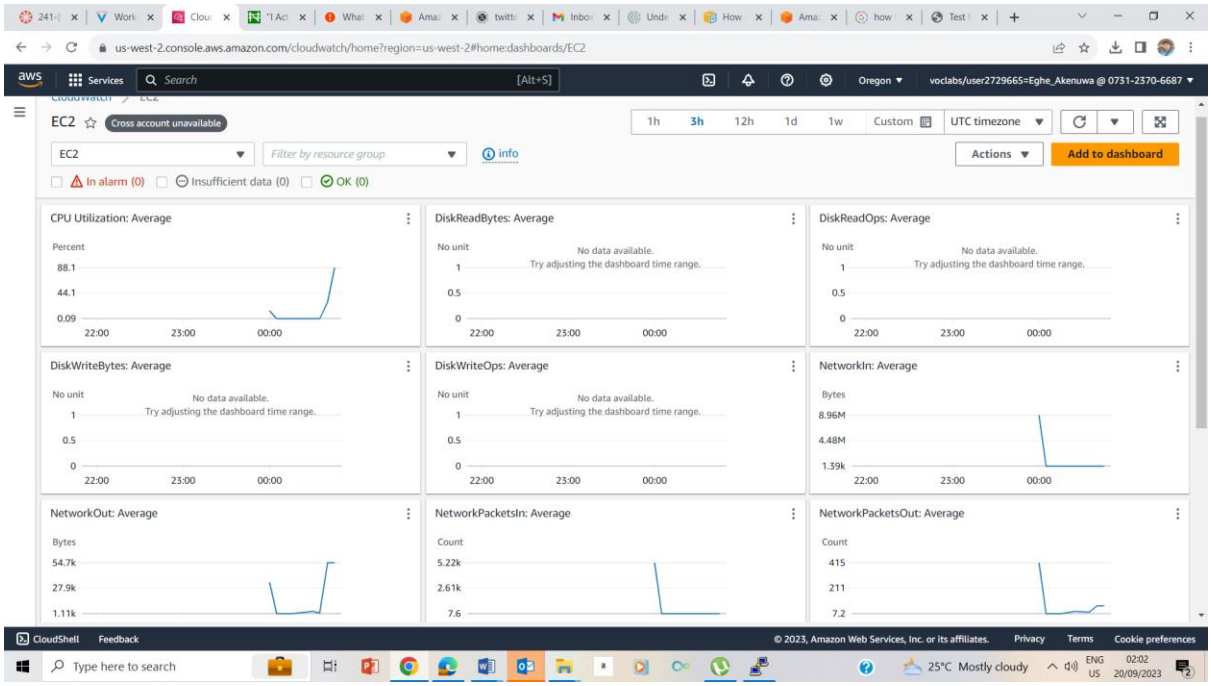
31-33 Clicked on the AWS console at the top of the instruction page to open a new AWS management console. I now searched for the CloudWatch to take me to CloudWatch page.

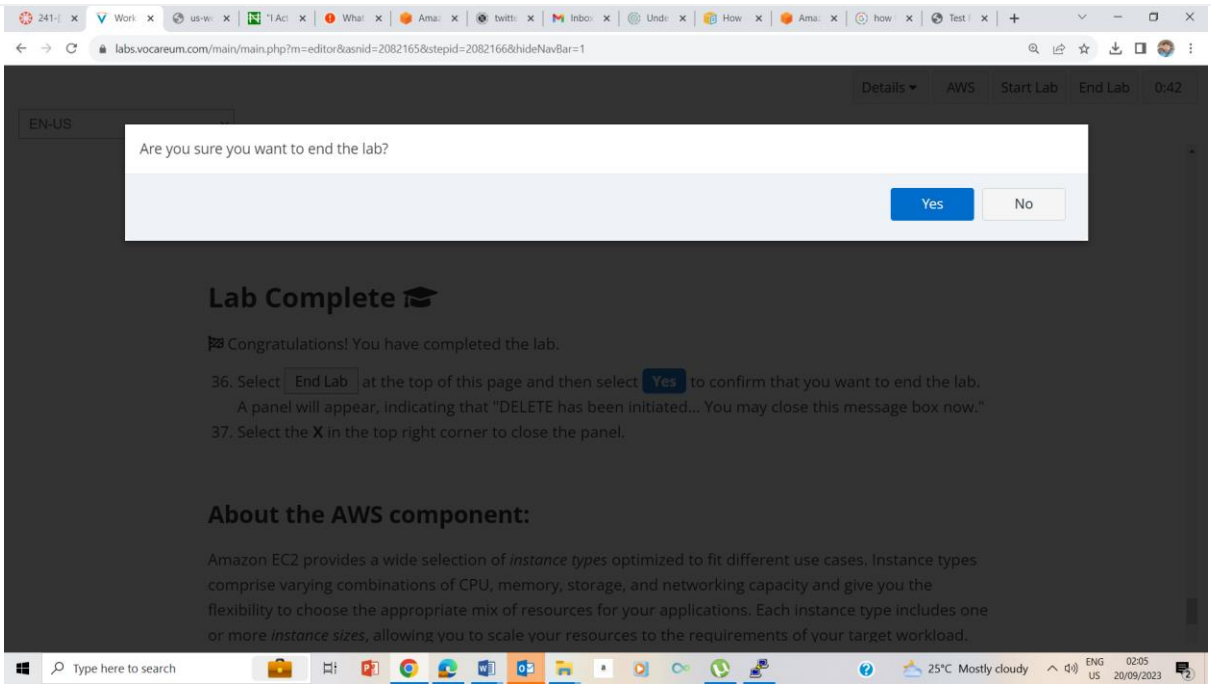






34. At the top of the CloudWatch page, I selected Dashboard, the Automatic Dashboard, and finally EC2



35 Average CPU Utilization page

Lab Complete