Assignment – 7

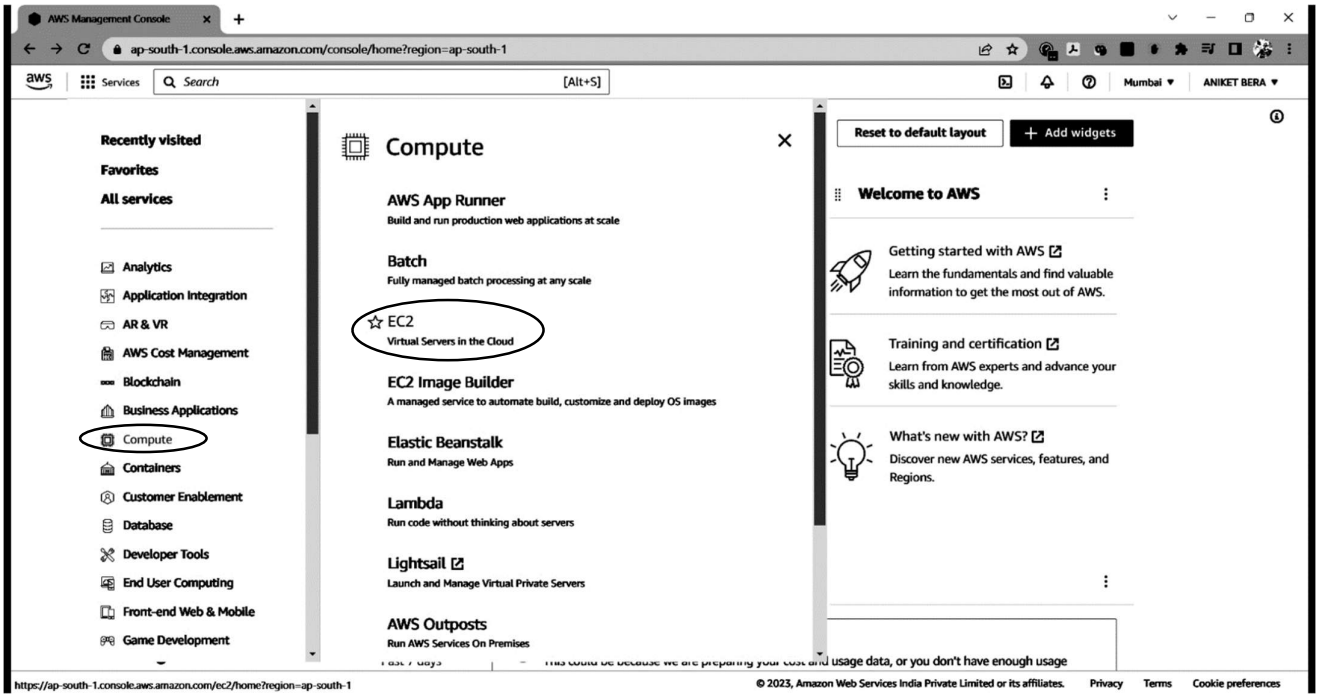
Problem Statement: -

Upload a static website in EC2.

Steps for uploading a static website in EC2: -

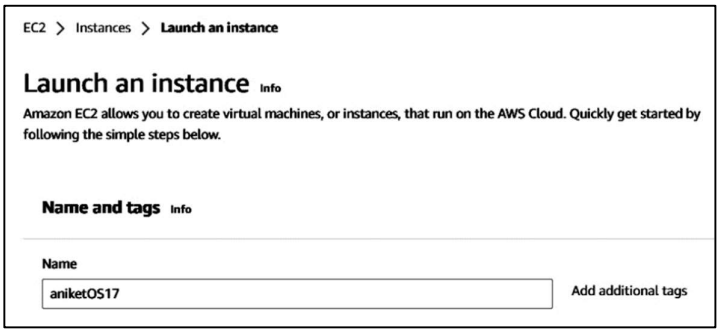
1. Open the **Amazon Web Services (https://aws.amazon.com/console/)** home page.
2. Log in your **AWS Management Console** account.
3. Go to **Services** and click on **Compute**.
4. Next go to **EC2**.
5. Then click on **Launch instance**. Give a name of instance, select *Application and OS Images* (E.g.- Ubuntu), choose *Instance type* (E.g. – t2.micro), *Create new key pair* (key pair type – RSA & private key file format - .pem). After that check the boxes (Allow SSH traffic from, Allow HTTPS traffic from the internet, Allow HTTP traffic from the internet) in Network setting.
6. Now Launch instance.
7. Click on **Instance ID** and copy **Public IPv4 address**.
8. Install **Bitvise SSH Client**.
    a. Copied *IP address* put in **Server host**.
    b. Go *Client key manager* import key pair (.pem file).
    c. Set **Authentication** like as *Username ubuntu*, *Initial method publickey*, *Client key Global 1*, *Elevation as it Default*. Now **Log in** & **Accept and Save**.
    d. Go ubuntu terminal and run bellow commands:
    sudo apt-get update
    sudo apt-get upgrade
    sudo apt-get install nginx
    pwd *#check present working directory*
    cd / *#change the directory*
    cd var/www/
    sudo chmod 777 html *#give permission to html directory*
    e. Copy .html file local machine to ubuntu.
9. Now copy **Public IPv4 address** and paste it any web browser. Now web browser open your website.

Some snapshots of above process: -

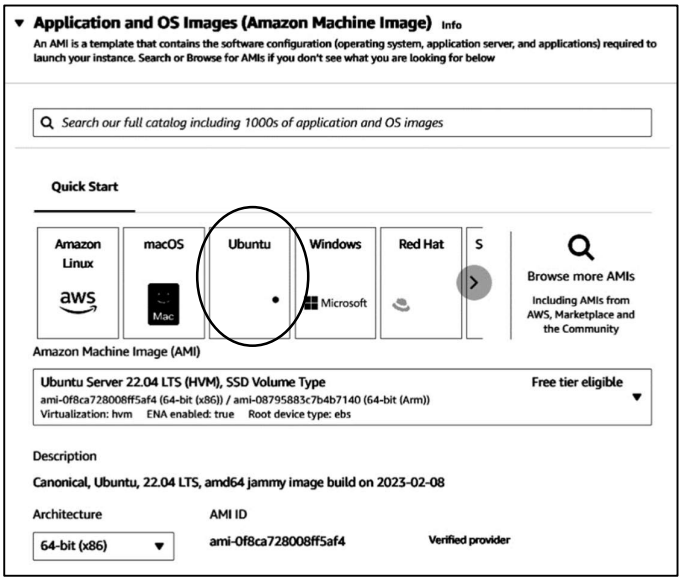


Step 1: Go EC2

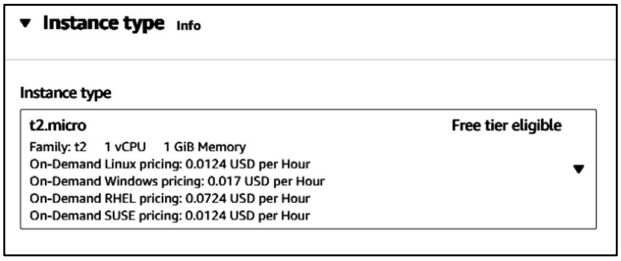
Step 2: Launce instance



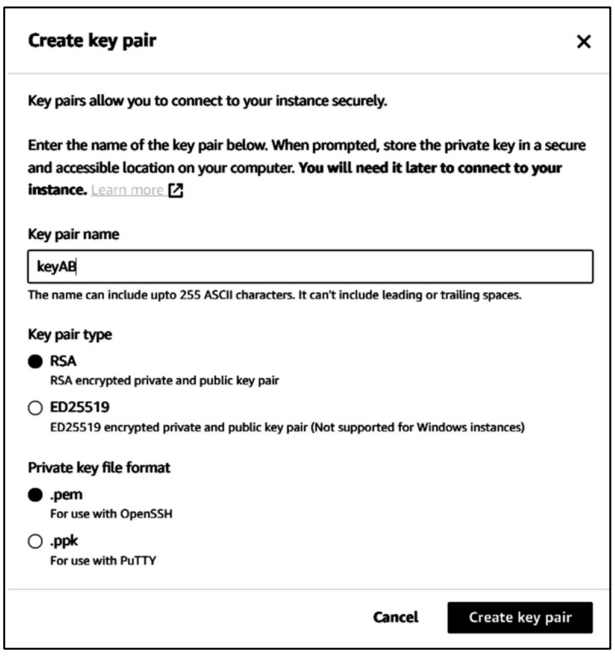
Step 3



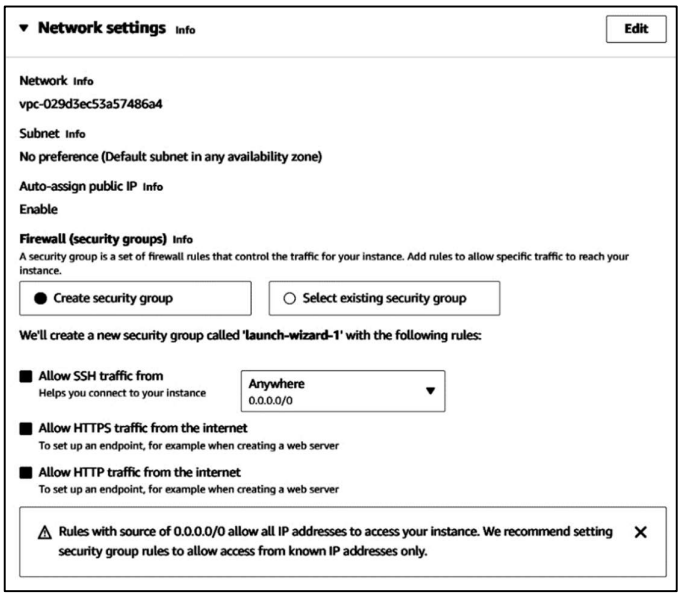
Step 4



Step 5

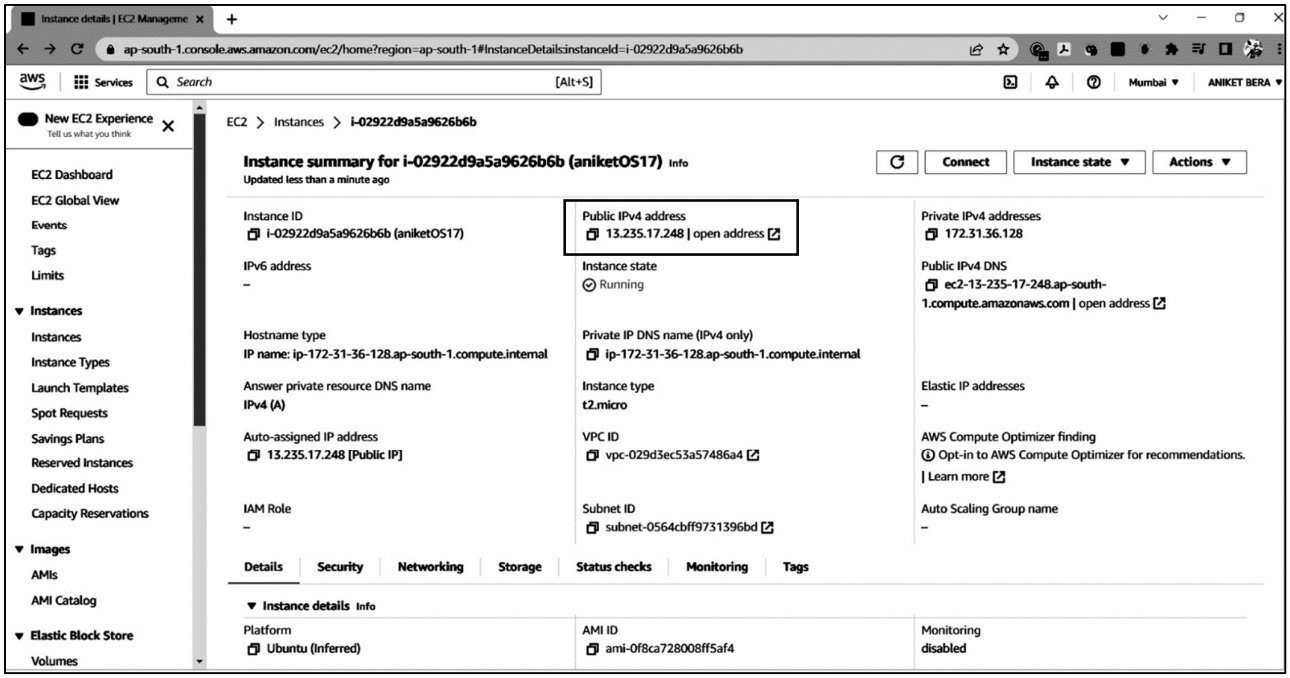


Step 6

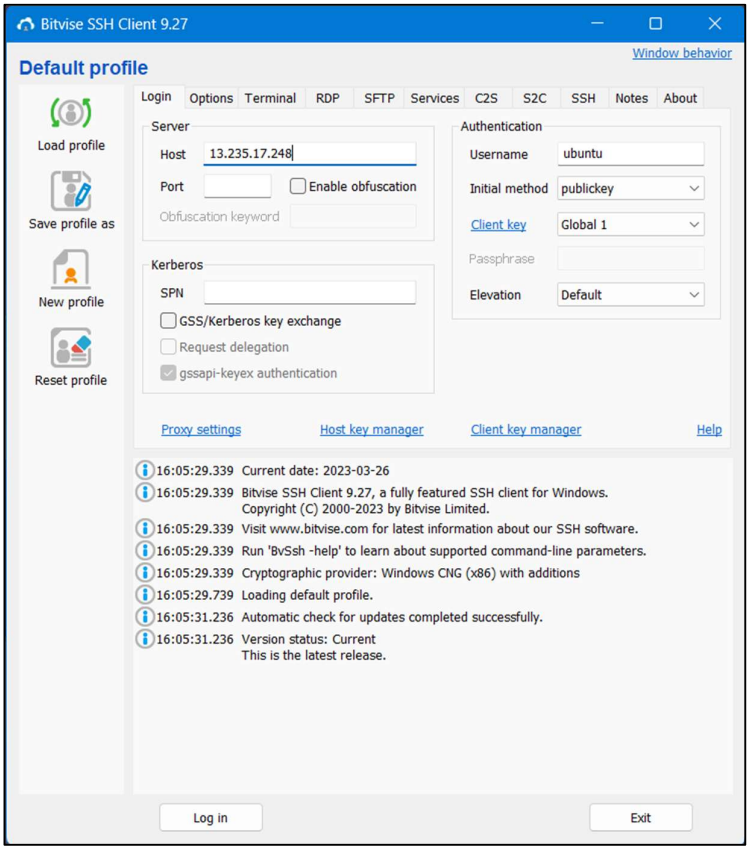


Step 7: Now ready to launch

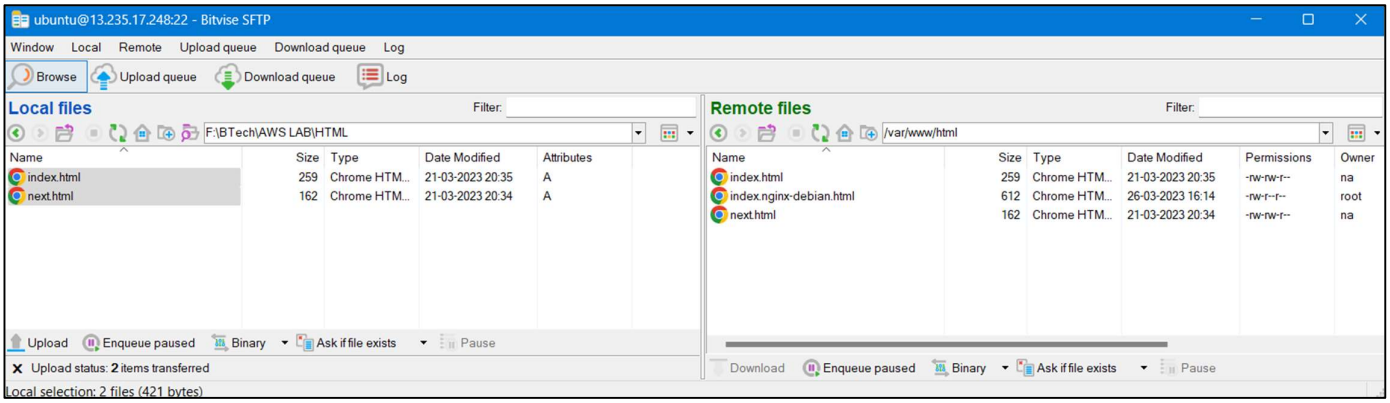
Step 8: Click on Instance ID



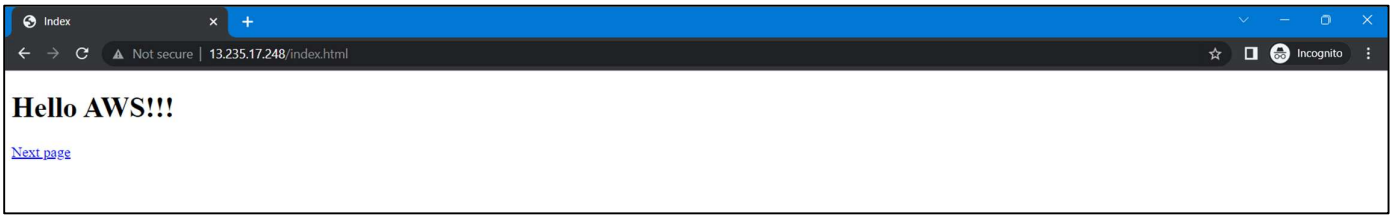
Step 9: Copy Public IPv4 address



Step 10: Put copied IP address in host and configure Authentication; then Log in



Step 11: After running above mentioned commands; copy .HTML file local machine to ubuntu



Hosting Index.HTML

Hosting Next.HTML