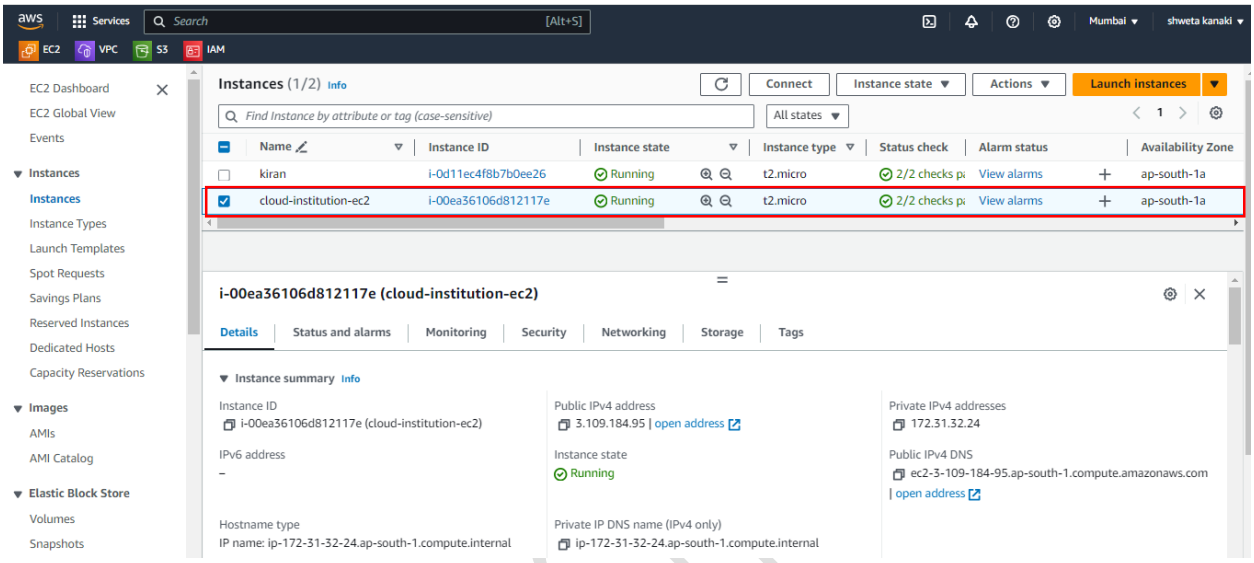
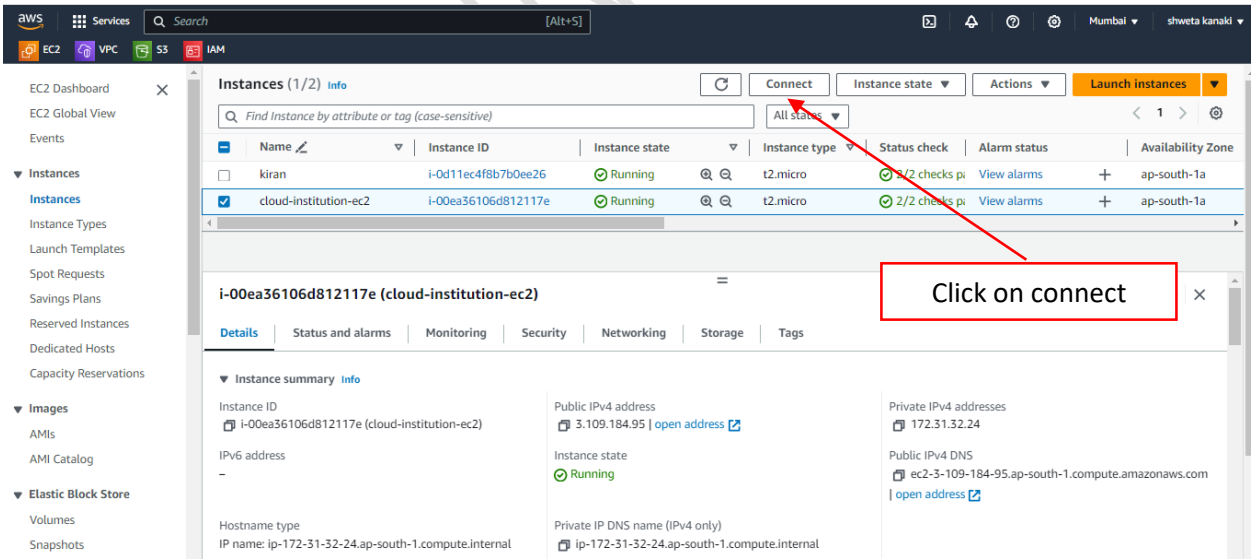
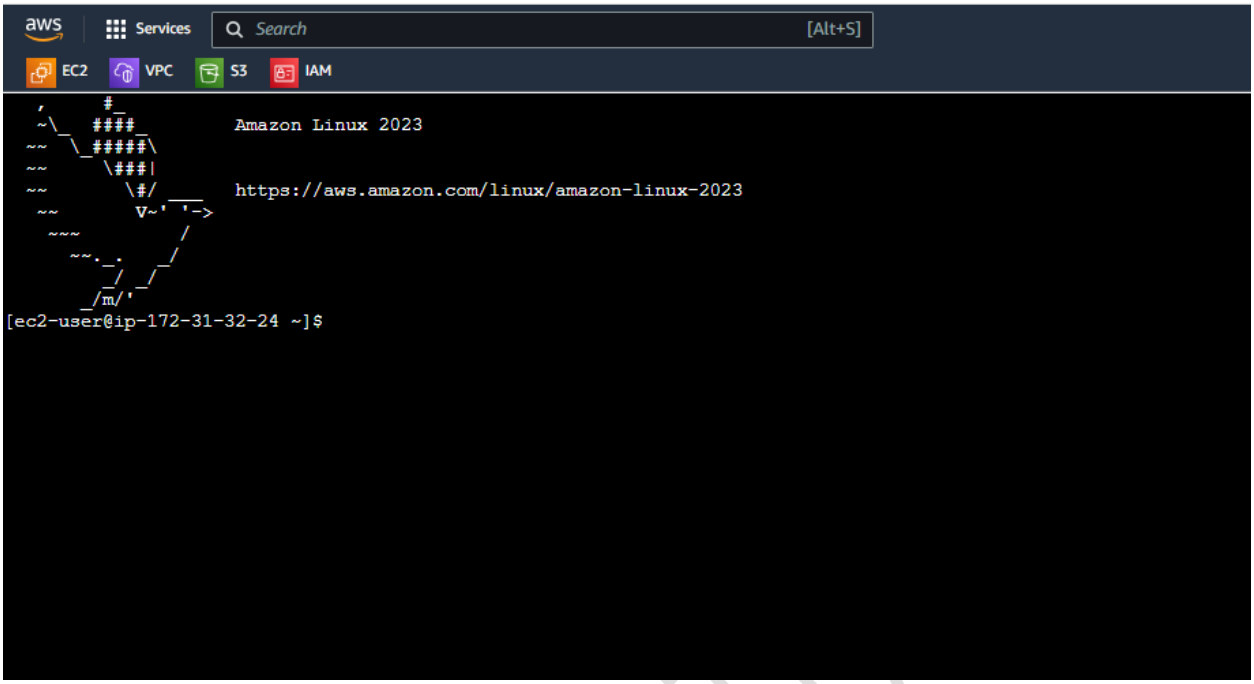
Install httpd server in Linux instance

Step 1: Create a EC2 instance with the SSH & http ports enabled in the security group.



Step 2: Connect the EC2 instance





Step 3: To install Apache HTTP Server on a system using the yum package manager you can use the command: **"sudo yum install httpd –y"**

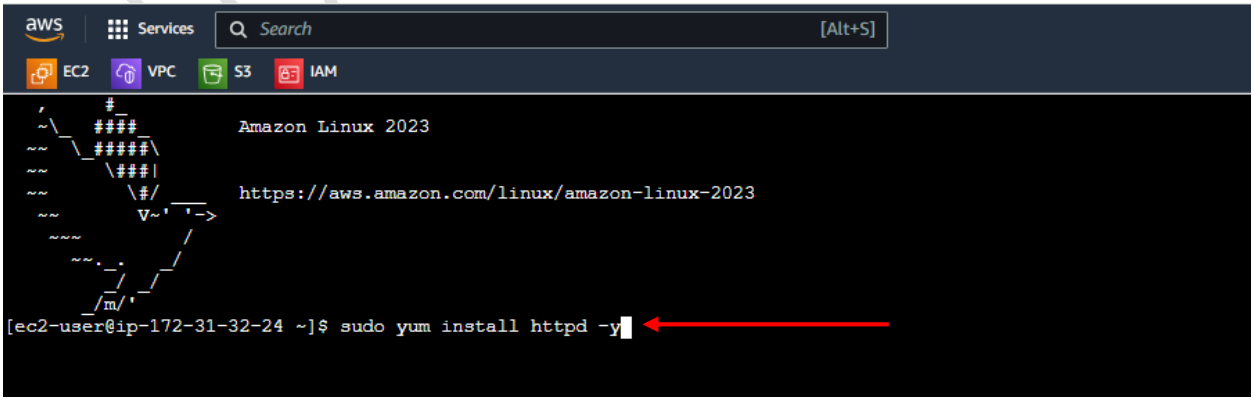
This command does the following:

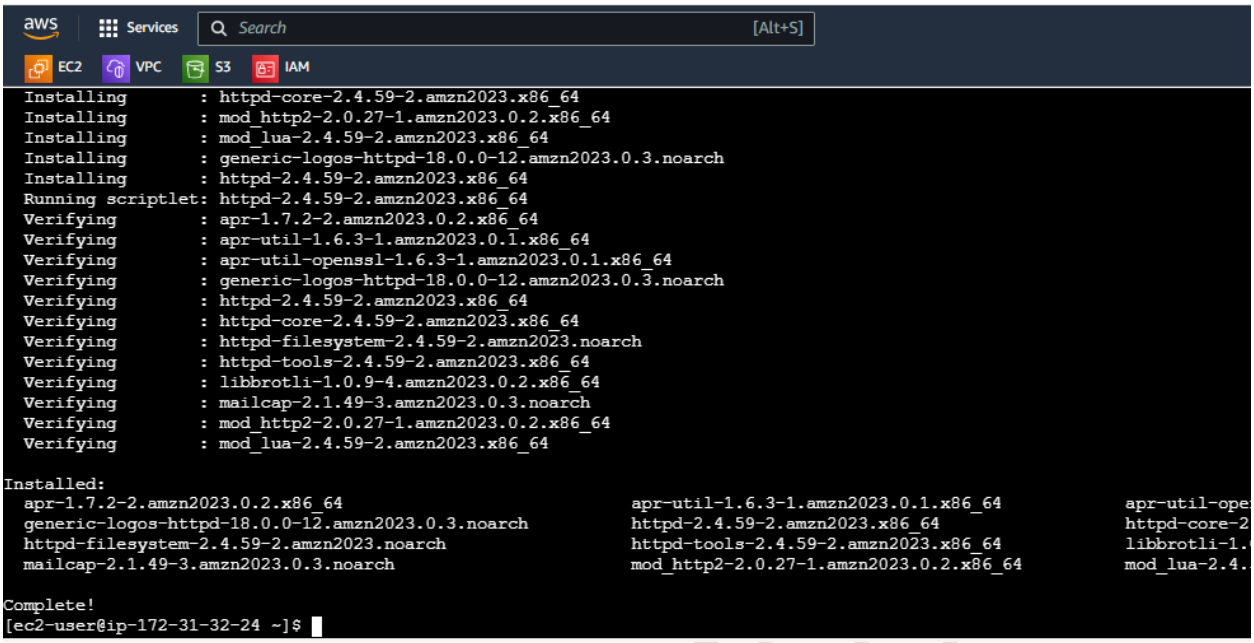
sudo: Executes the command with superuser (root) privileges.

yum: Uses the Yellowdog Updater, Modified (YUM) package manager.

install httpd: Installs the Apache HTTP Server package.

-y: Automatically answers "yes" to any prompts during the installation process.





To start the Apache HTTP Server after installation, you can use the following command:

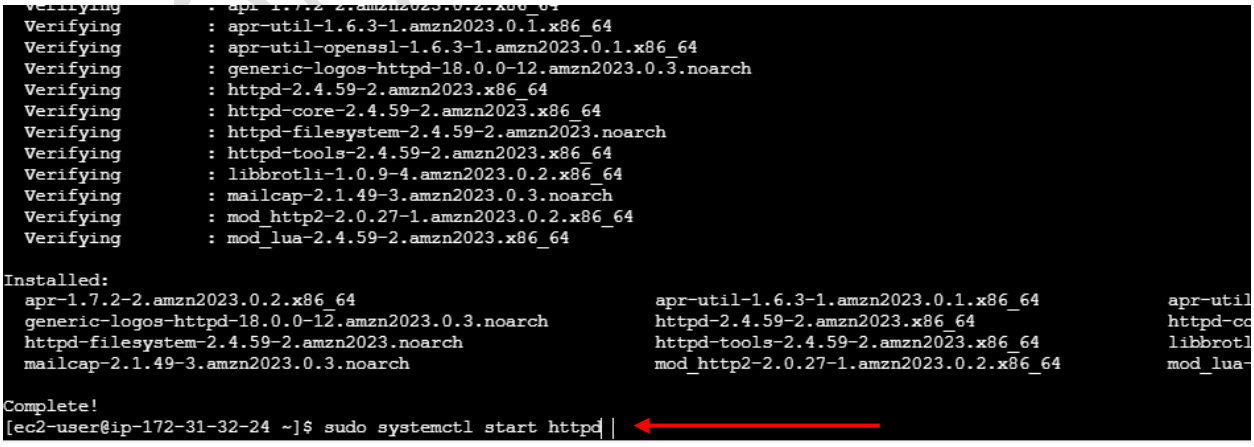
“Sudo systemctl start httpd”

This command does the following:

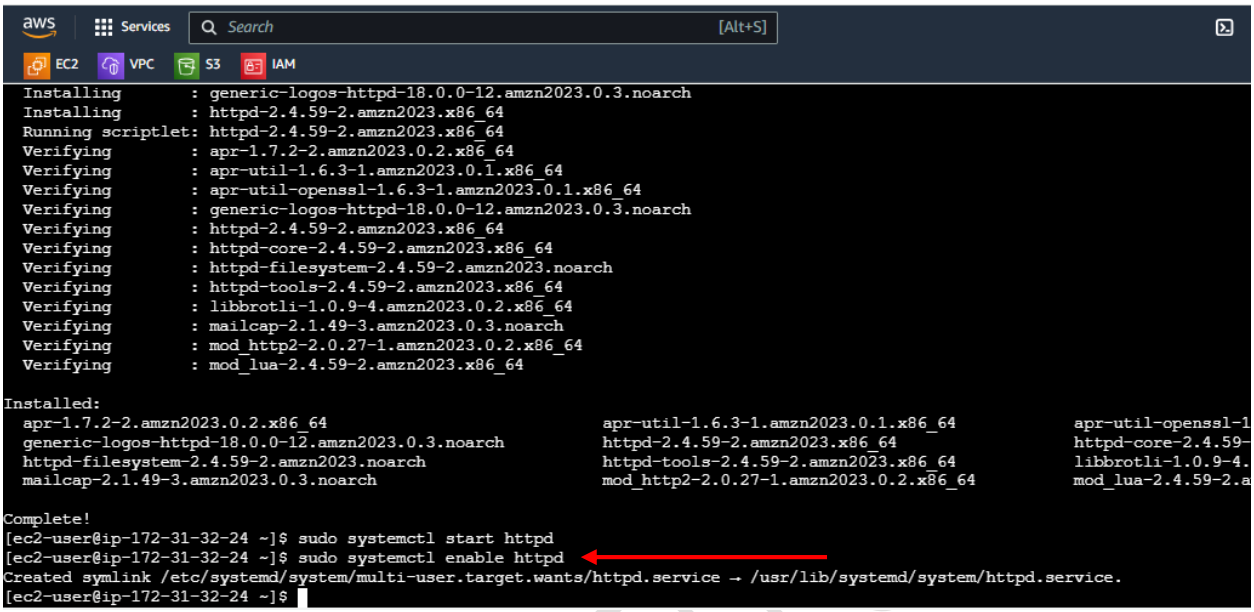
sudo: Executes the command with superuser (root) privileges.

systemctl: Used to examine and control the systemd system and service manager.

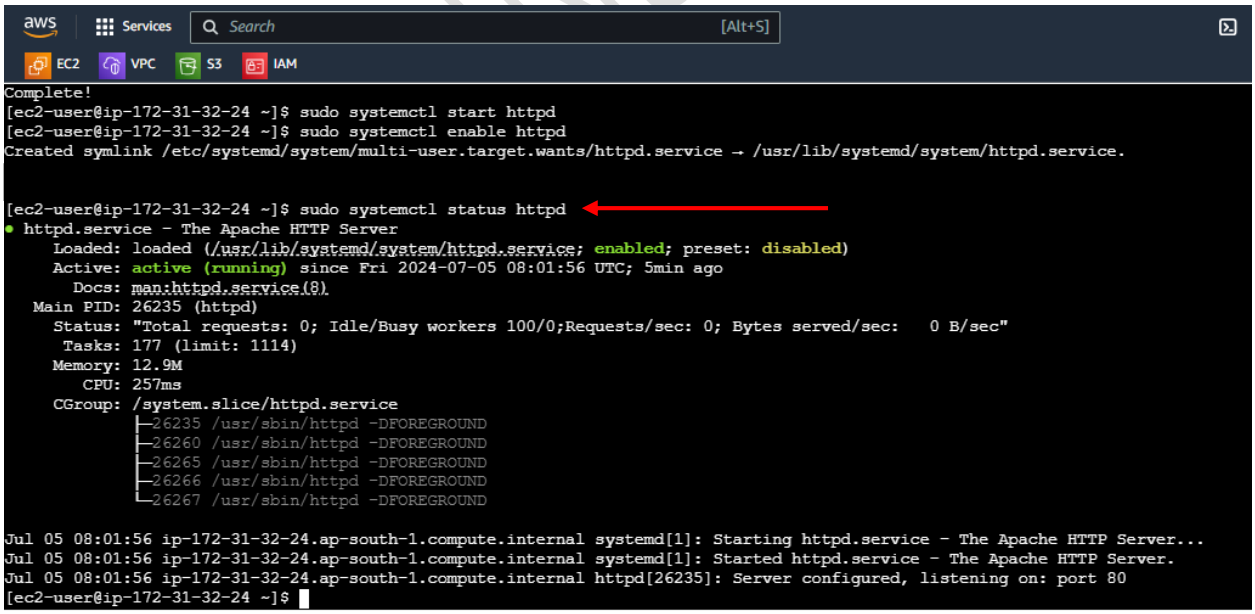
start httpd: Starts the Apache HTTP Server service.



To enable Apache to start on boot, use: **“sudo systemctl enable httpd”**



To check the status of the Apache service, use: **“sudo systemctl status httpd”**



The command **"sudo vi /var/www/html/index.html"** is used to edit the index.html file located in the /var/www/html directory on a Unix-based system.

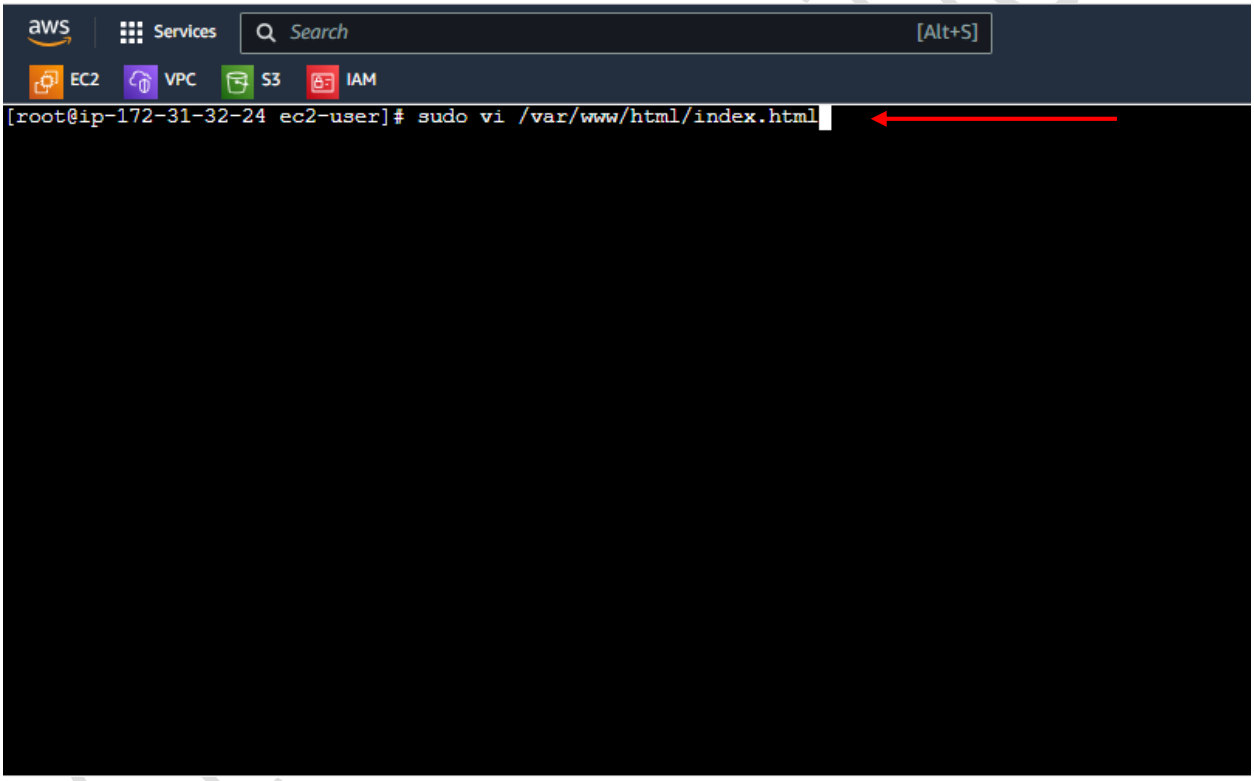
This command does the following:

sudo: Executes the command with superuser (root) privileges.

vi: A text editor available on almost all Unix-based systems. It is powerful and efficient for editing text files, especially for system administration tasks.

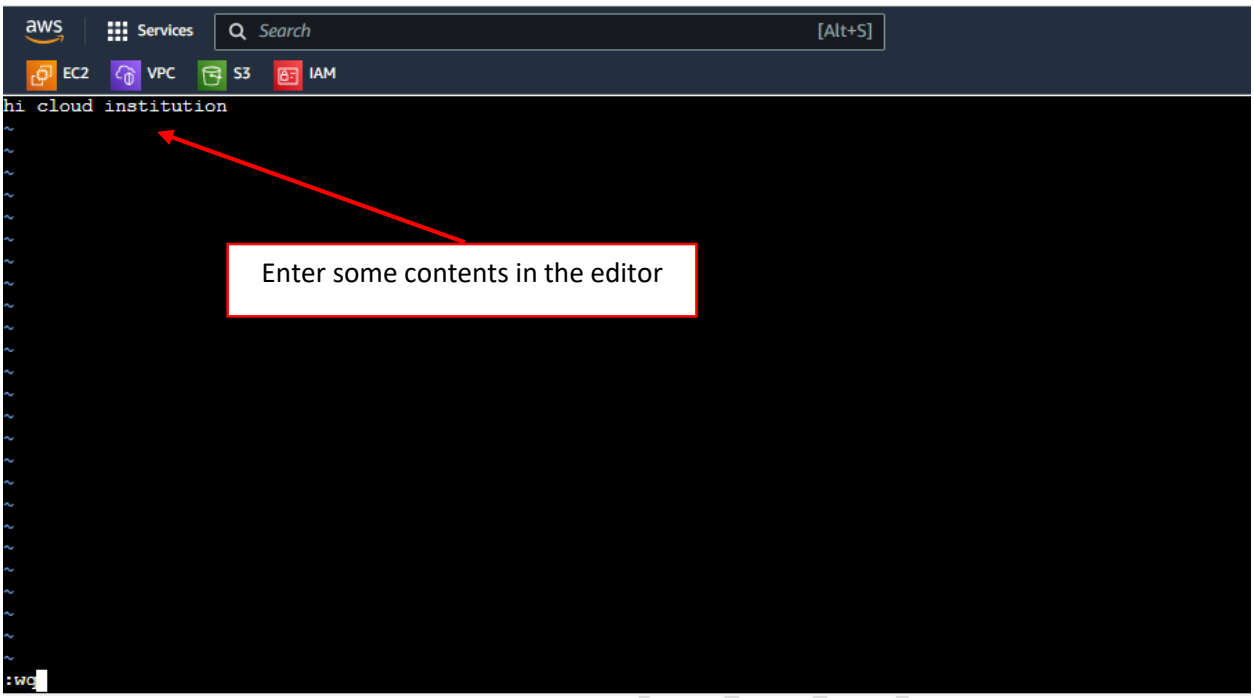
/var/www/html/: Location of the index.html File

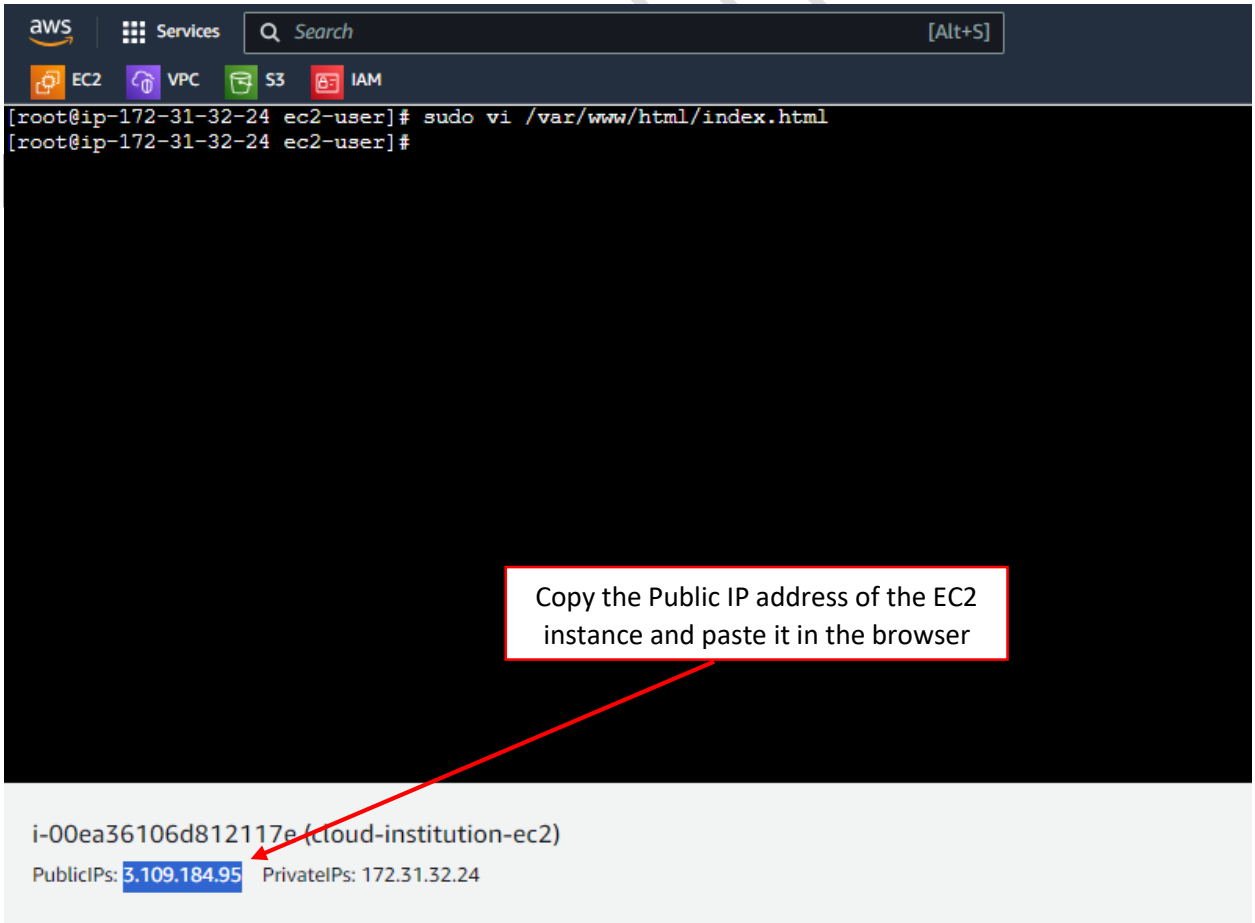
This is the default directory for web content on many web servers, such as Apache. The index.html file is the default landing page for the website hosted on the server. Editing this file allows you to change the content displayed when users visit your website.



Once you have the file open in vi, you can use the following basic commands:

- Press "i" to enter insert mode, which allows you to edit the text.
- After making your changes, press Esc to exit insert mode.
- Type :wq and press Enter to save your changes and exit vi.


aws
Services
Search
[Alt+S]
EC2
VPC
S3
IAM
hi cloud institution
:wq
Enter some contents in the editor


aws
Services
Search
[Alt+S]
EC2
VPC
S3
IAM
[root@ip-172-31-32-24 ec2-user]# sudo vi /var/www/html/index.html
[root@ip-172-31-32-24 ec2-user]#
Copy the Public IP address of the EC2 instance and paste it in the browser
i-00ea36106d812117e (cloud-institution-ec2)
PublicIPs: 3.109.184.95
PrivateIPs: 172.31.32.24