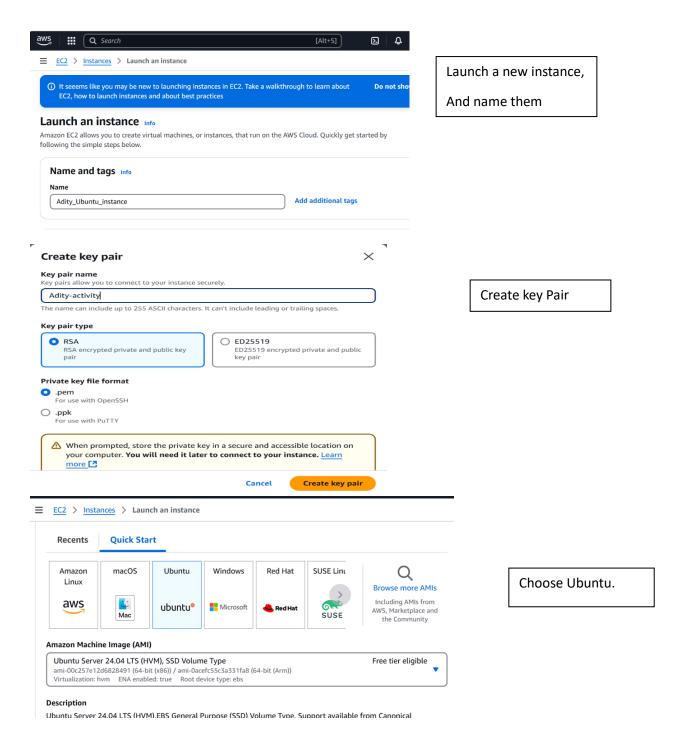
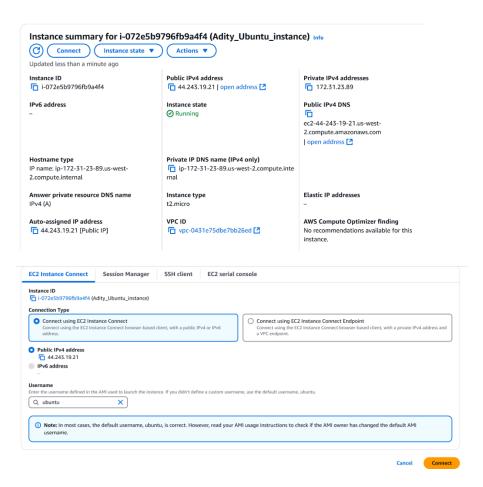
DAY 7 TASK

To Publish One website

Create Ubuntu EC2 Instance.



Connect with Instance.



- •Install Apache:
- •sudo apt update -y
- •sudo apt install apache2 -y
- •sudo systemctl start apache2
- •sudo systemctl enable apache2
- •Once its started You can check your public IP with default apcahe Server Page.

```
Get:36 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Get:37 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:38 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [118 kB]
Get:39 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [8960 B]
Get:40 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [803 kB]
Get:41 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [52.0 kB]
Get:43 http://security.ubuntu.com/ubuntu noble-security/universe amd64 c-n-f Metadata [13.5 kB]
Get:43 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [625 kB]
Get:44 http://security.ubuntu.com/ubuntu noble-security/restricted Translation-en [121 kB]
Get:45 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]
Get:46 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [212 B]
Get:47 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Packages [12.4 kB]
Get:48 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [212 B]
Get:49 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [212 B]
Get:49 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [212 B]
Get:50 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 c-n-f Metadata [356 B]
Fetched 32.3 MB in 11s (3005 kB/s)
Reading package lists... Done
Building dependency tree... Done
```

```
No user sessions are running outdated binaries.
No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-23-89:~$ sudo systemctl start apache2
ubuntu@ip-172-31-23-89:~$ sudo systemctl enable apache2
Synchronizing state of apache2.service with SysV service script with /usr/lib/systemd/systemd-sysv-install. Executing: /usr/lib/systemd/systemd-sysv-install enable apache2 ubuntu@ip-172-31-23-89:~$
```



Apache2 Default Page

It works!

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should replace this file (located at /var/www/html/index.html) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is fully documented in /usr/share/doc/apache2/README.Debian.gz. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the manual if the apache2-doc package was installed on this server.

The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```
/etc/apache2/
   - apache2.conf
    `-- ports.conf
mods-enabled
|-- *.load
`-- *.conf
     conf-enabled
            -- *.conf
  - sites-enabled
```

For Cloning repo install git:

- •sudo apt install git –y
- •Move to the default Http folder:
- •cd /var/www/html
- •sudo git clone https://github.com/your-username/your-repo.git
- •Move the contents of the repo to /var/www/html:
- •sudo mv your-repo/*.
- •sudo rm -rf your-repo
- •Set Permissions:
- •sudo chmod -R 755 /var/www/html
- •sudo chown -R www-data:www-data/var/www/html
- •Restart Server:
- •sudo systemctl restart apache2
- •Access Website:
- •http://your-ec2-public-ip

ubuntu@ip-172-31-20-29:~\$ apache2 -v
Server version: Apache/2.4.58 (Ubuntu)
Server built: 2024-10-02T12:40:51
ubuntu@ip-172-31-20-29:~\$ cd /var/www/html
ubuntu@ip-172-31-20-29:/var/www/html\$ sudo git clone https://github.com/sonam-niit/PhoneBookProject.git
Cloning into 'PhoneBookProject'
remote: Enumerating objects: 16, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 16 (delta 0), reused 0 (delta 0), pack-reused 15 (from 1)
Receiving objects: 100% (16/16), done.
Resolving deltas: 100% (4/4), done.
ubuntu@ip-172-31-20-29:/var/www/html\$ sudo mv PhoneBookProject/
mv: missing destination file operand after 'PhoneBookProject/'
Try 'mvhelp' for more information.
ubuntu@ip-172-31-20-29:/var/www/html\$ sudo mv PhoneBookProject/* .
ubuntu@ip-172-31-20-29:/var/www/html\$ sudo rm -rf PhoneBookProject/
ubuntu@ip-172-31-20-29:/var/www/html\$ sudo chmod -R 755 /var/www/html
ubuntu@ip-172-31-20-29:/var/www/html\$ sudo chown -R www-data:www-data /var/www/html
ubuntu@ip-172-31-20-29:/var/www/html\$ sudo systemstl restart apache2
sudo: systemstl: command not found
ubuntu@ip-172-31-20-29:/var/www/html\$ sudo systemctl restart apache2
ubuntu@ip-172-31-20-29:/var/www/html\$

PhoneBook				
ld	Name	Number	Operations	
Add Contact			View/Update	
Name				
Phone			Name	
Save Contact			Phone	
			Update Contact	