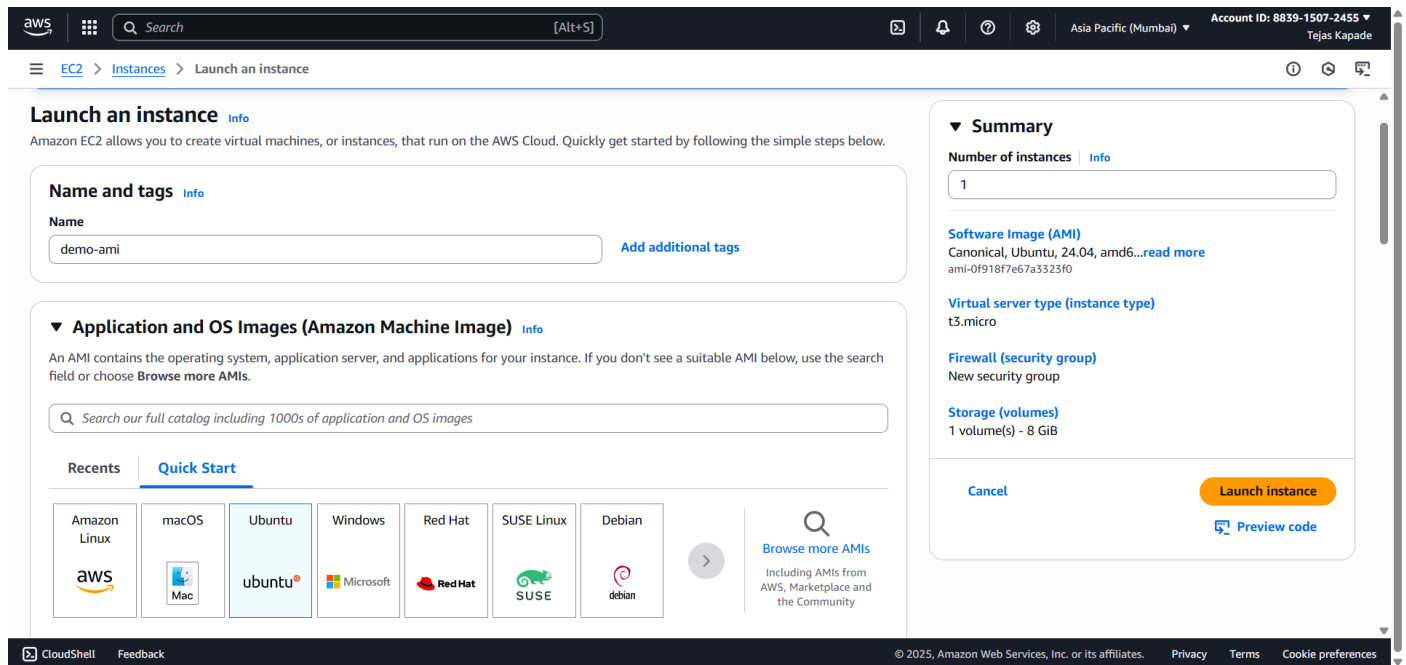


AWS, Creating AMI

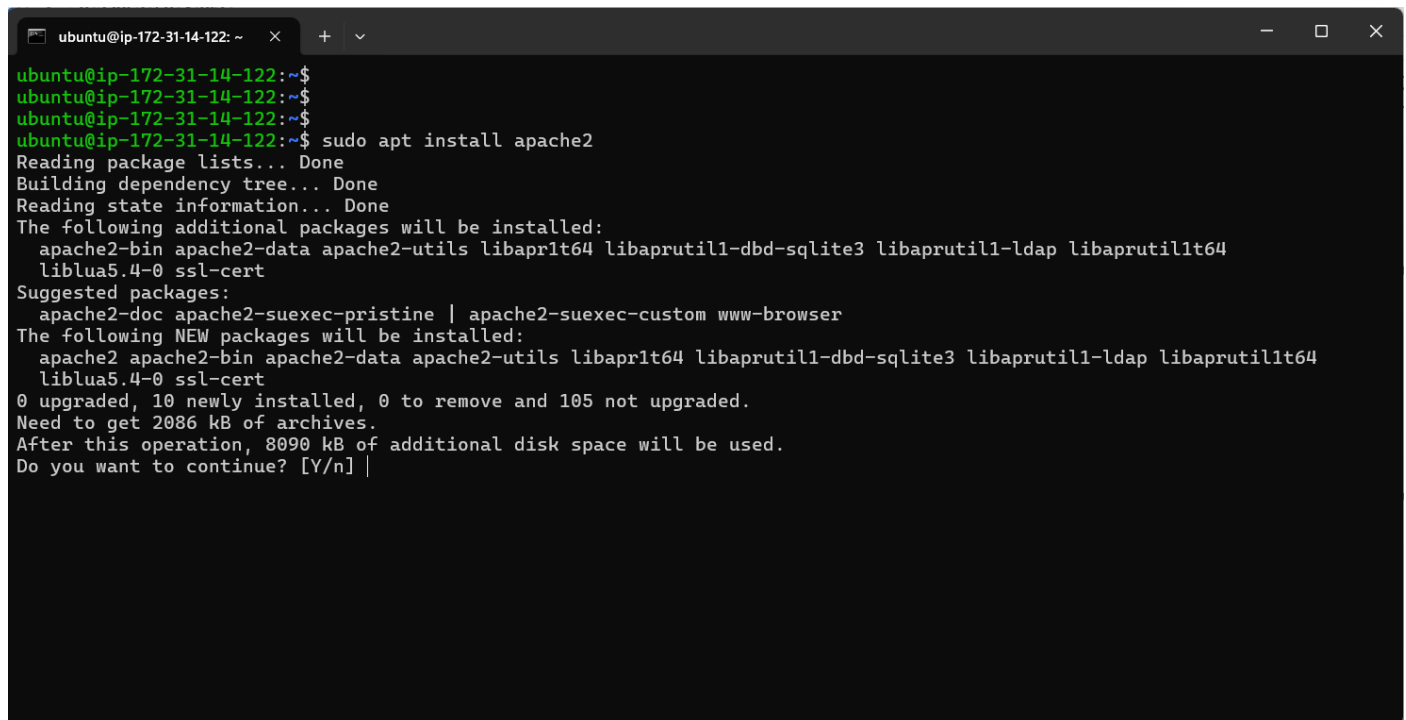
07-08-2025

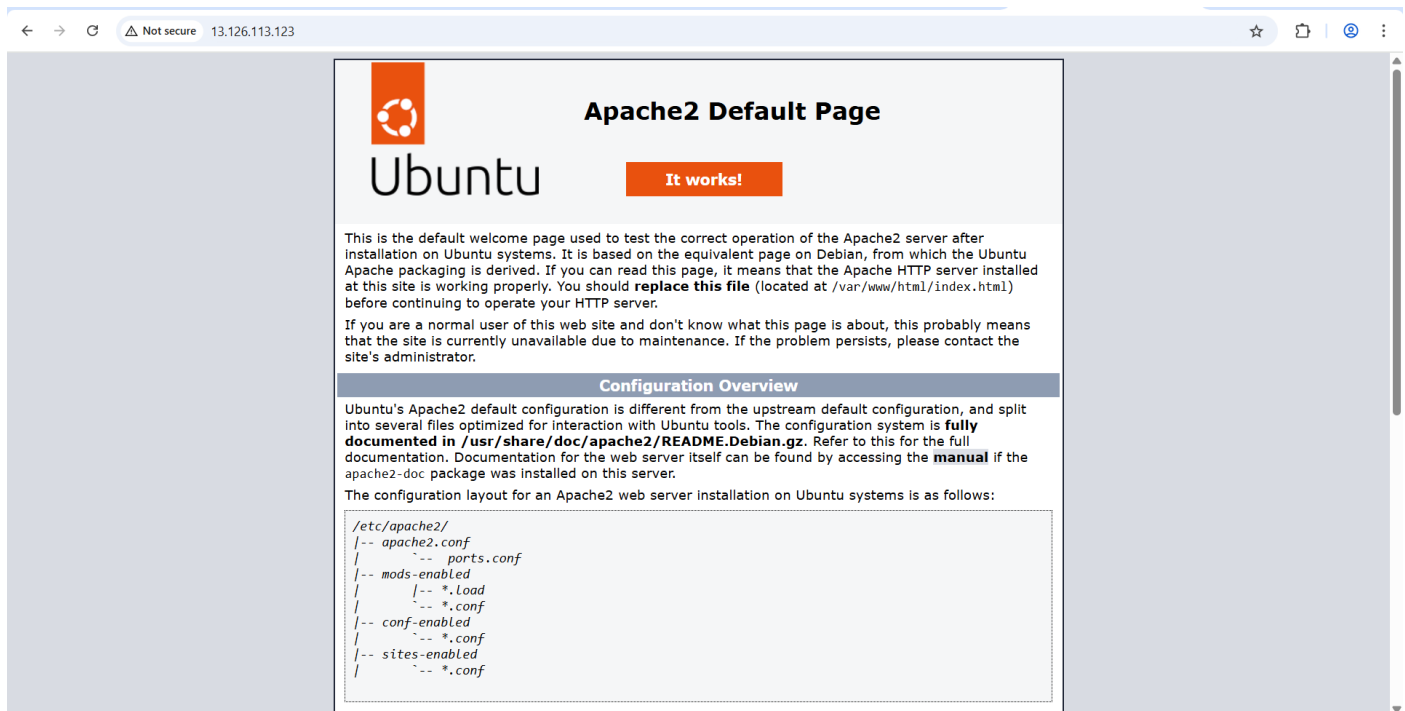
Tejas Kapade.

1. Create instance,



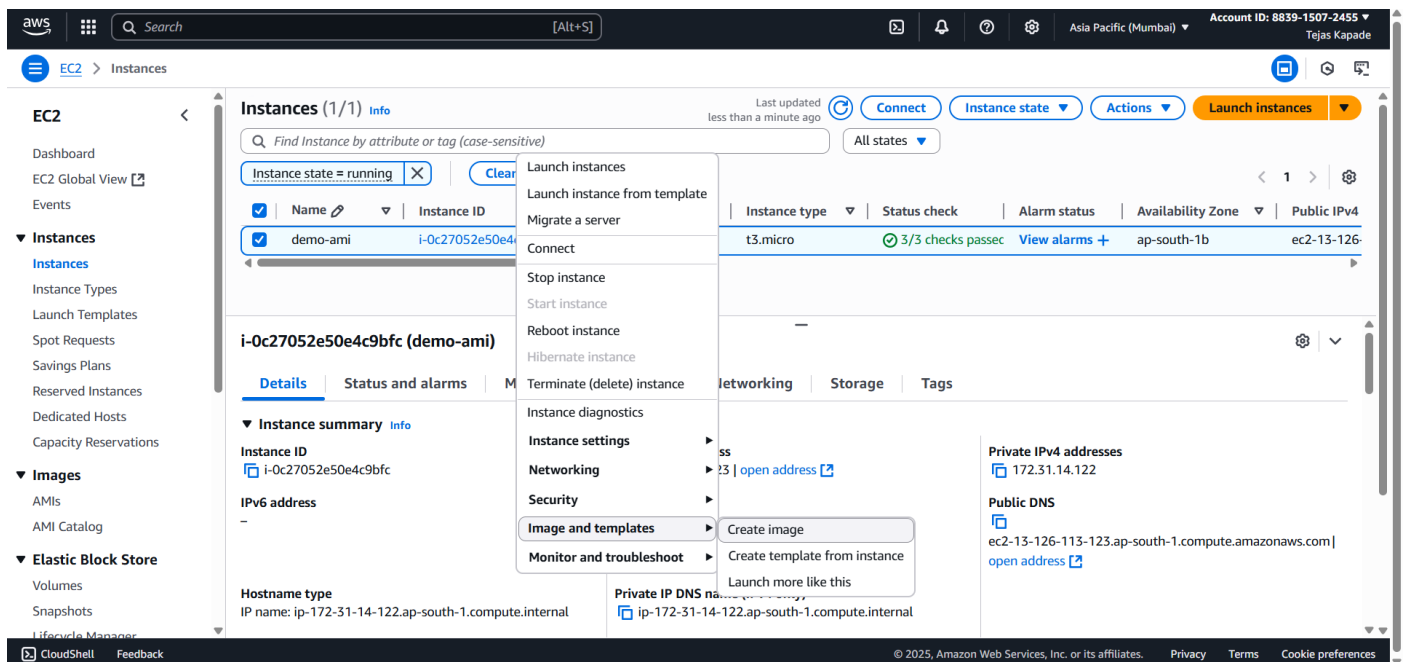
2. Install Apache in it, check if it running.





Apache installed, default page is visible.

3. Create AMI image of that instance.



aws

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Account ID: 8839-1507-2455

Tejas Kapade

EC2

Instances

i-0c27052e50e4c9bfc

Create image

Create image

Info

An image (also referred to as an AMI) defines the programs and settings that are applied when you launch an EC2 instance. You can create an image from the configuration of an existing instance.

Image details

Instance ID

i-0c27052e50e4c9bfc (demo-ami)

Image name

ami-template

Maximum 127 characters. Can't be modified after creation.

Image description - optional

Image description

Maximum 255 characters

☒ Reboot instance

When selected, Amazon EC2 reboots the instance so that data is at rest when snapshots of the attached volumes are taken. This ensures data consistency.

Instance volumes

Storage type	Device	Snapshot	Size	Volume type	IOPS	Throughput	Delete on termination	Encrypted
EBS	/dev/...	Create new snapshot fr...	8	EBS General Purpose SS...	3000		<input checked="" type="checkbox"/> Enable	<input type="checkbox"/> Enable

CloudShell

Feedback

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EC2

AMIs

Amazon Machine Images (AMIs) (1)

Info

Recycle Bin

EC2 Image Builder

Actions

Launch instance from AMI

Owned by me

Find AMI by attribute or tag

	Name	AMI name	AMI ID	Source	Owner	Visibility
<input type="checkbox"/>	ami-template		ami-084d374ceb57e11c4	883915072455/ami-template	883915072455	Private

Select an AMI

EC2

Dashboard

EC2 Global View

Events

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

CloudShell

Feedback

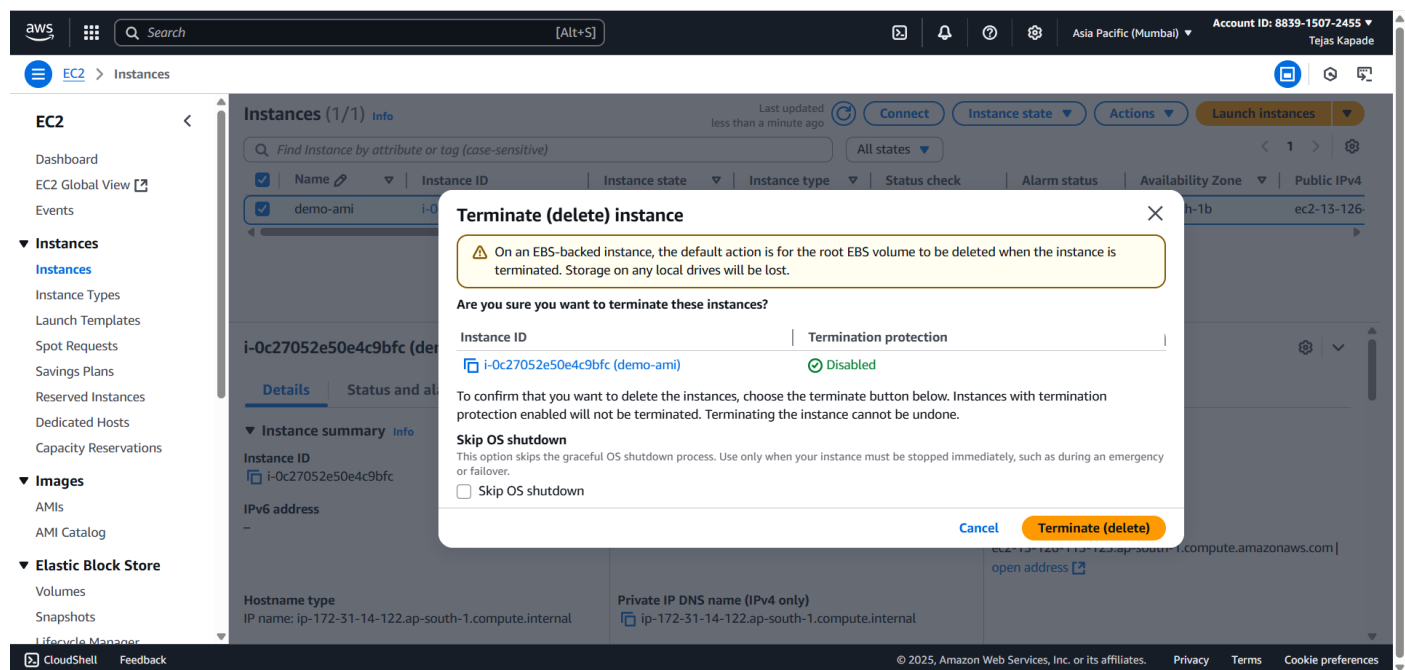
© 2025, Amazon Web Services, Inc. or its affiliates.

Privacy

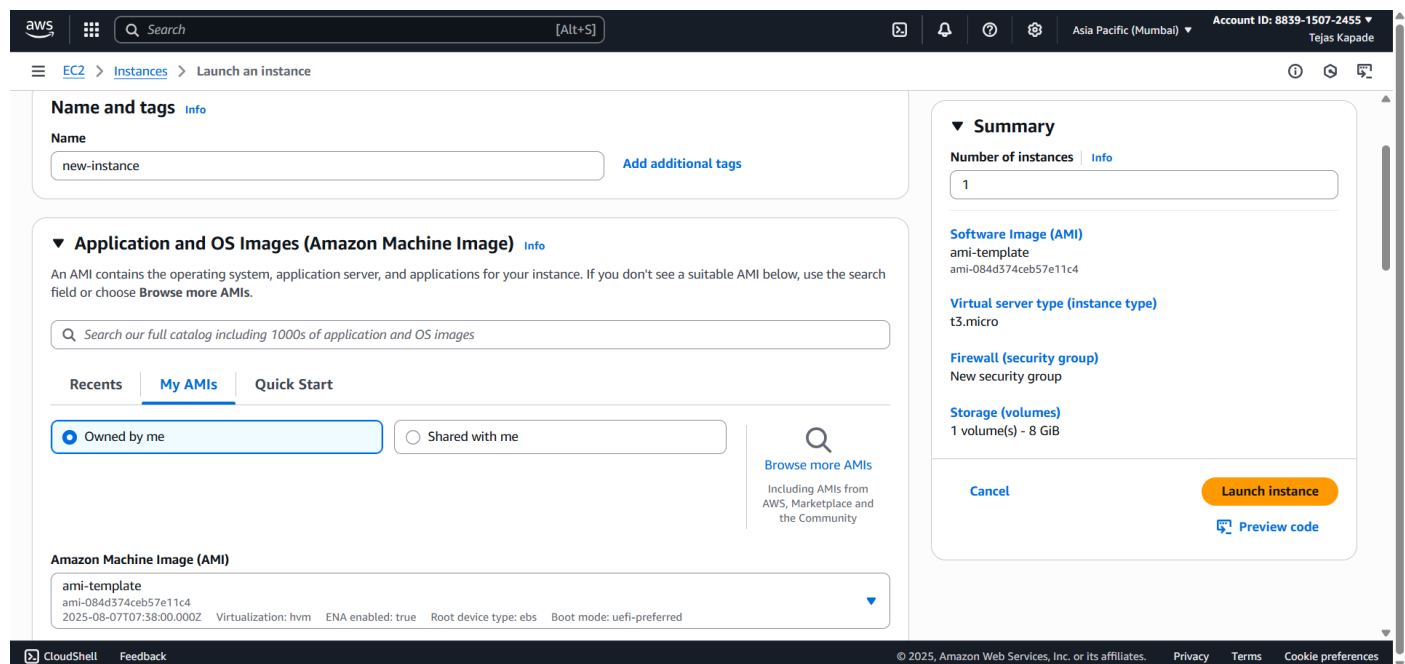
Terms

Cookie preferences

4. Delete that instance (virtual machine).



5. Now create another instance using our created AMI (which have already installed apache service)



Instance summary for i-0e28881869daefd50 (new-instance) [info](#)

Updated less than a minute ago

Instance ID i-0e28881869daefd50	Public IPv4 address 13.127.173.104 open address	Private IPv4 addresses 172.31.10.87
IPv6 address -	Instance state Running	Public DNS ec2-13-127-173-104.ap-south-1.compute.amazonaws.com open address
Hostname type IP name: ip-172-31-10-87.ap-south-1.compute.internal	Private IP DNS name (IPv4 only) ip-172-31-10-87.ap-south-1.compute.internal	Elastic IP addresses -
Answer private resource DNS name IPv4 (A)	Instance type t3.micro	AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations. Learn more
Auto-assigned IP address 13.127.173.104 [Public IP]	VPC ID vpc-0cd504adea6fa8c5c	Auto Scaling Group name -
IAM Role -	Subnet ID subnet-0e522ba0dc37163a1	Managed false
IMDSv2 Required	Instance ARN arn:aws:ec2:ap-south-1:883915072455:instance/i-0e28881869daefd50	
Operator -		

6. Check if apache service is running on newly created instance using Public IP.

Apache2 Default Page

Ubuntu **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
|   |-- *.conf
```

We can see newly created instance have already installed apache in it and working.