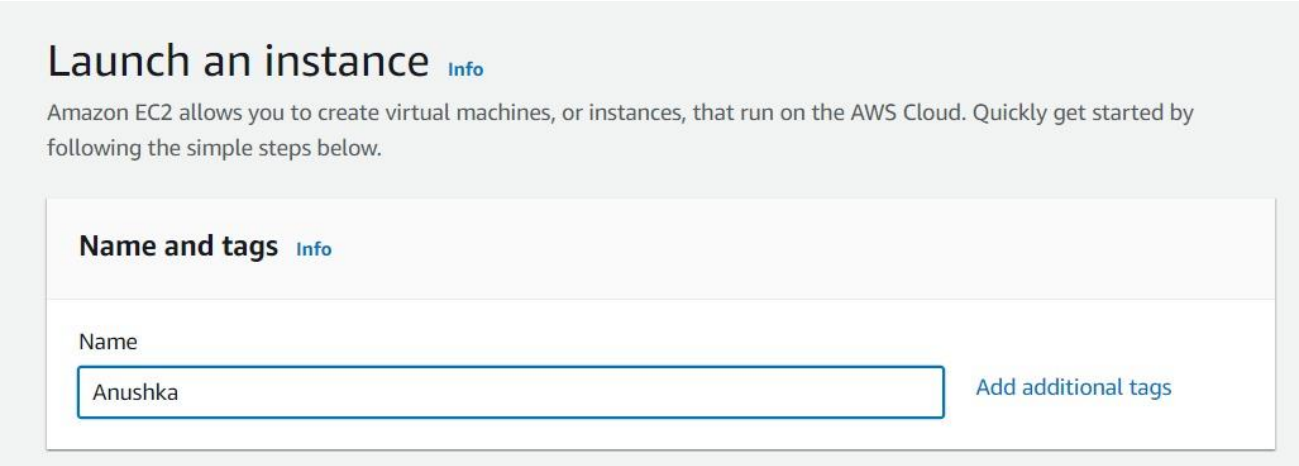
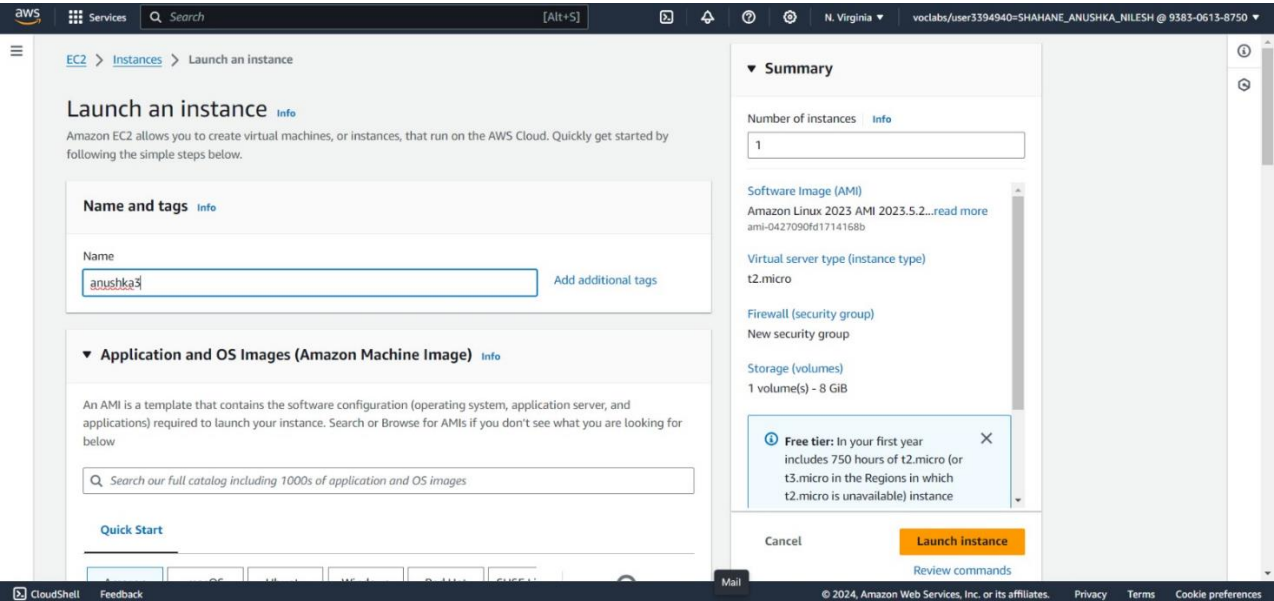


ADVANCE DEVOPS EXPERIMENT 1



Quick Start

Amazon Linux

aws

macOS

Mac

Ubuntu

ubuntu

Windows

Microsoft

Red Hat

Red Hat

SUSE Li

SUSE

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Ubuntu Server 24.04 LTS (HVM), SSD Volume Type

Free tier eligible

ami-04a81a99f5ec58529 (64-bit (x86)) / ami-0c14ff330901e49ff (64-bit (Arm))

Virtualization: hvm   ENA enabled: true   Root device type: ebs

Description

Ubuntu Server 24.04 LTS (HVM),EBS General Purpose (SSD) Volume Type. Support available from Canonical (<http://www.ubuntu.com/cloud/services>).

Architecture

AMI ID

64-bit (x86)

ami-04a81a99f5ec58529

Verified provider

▼ Configure storage [Info](#)

Advanced

1x  GiB  Root volume (Not encrypted)

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage

Add new volume

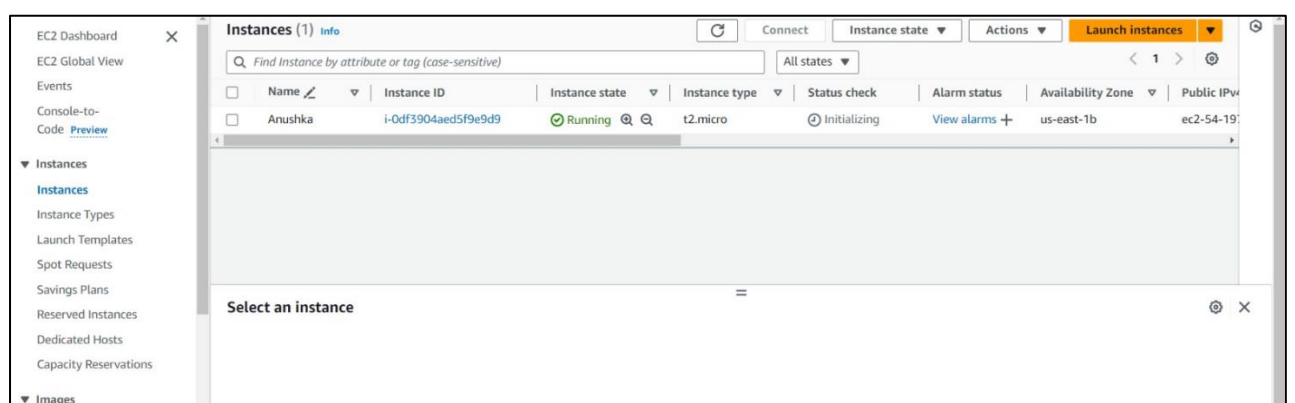
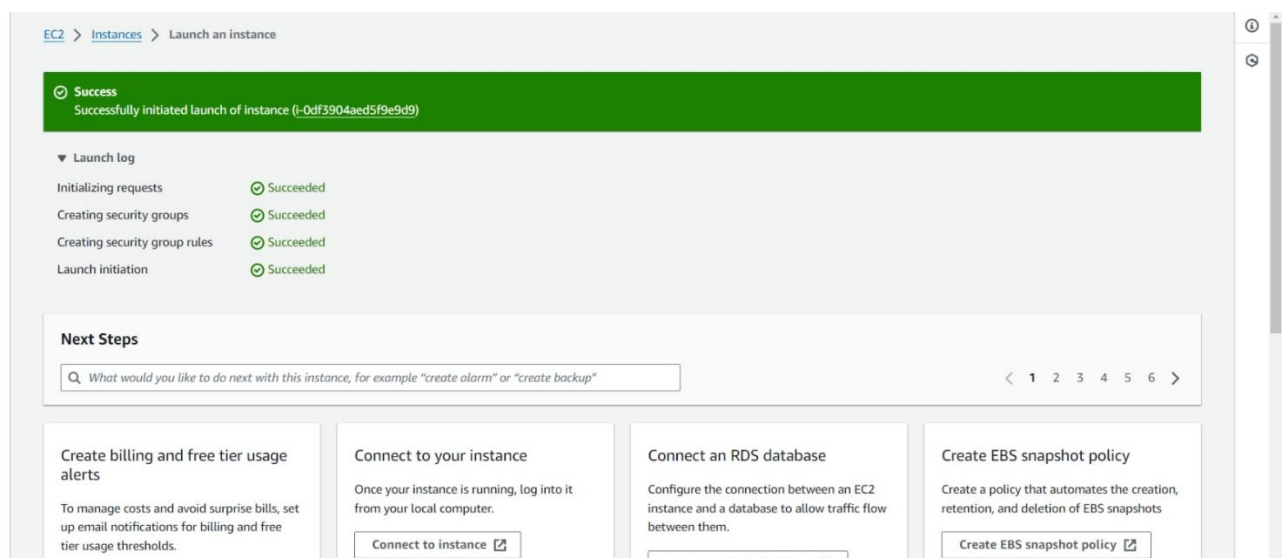
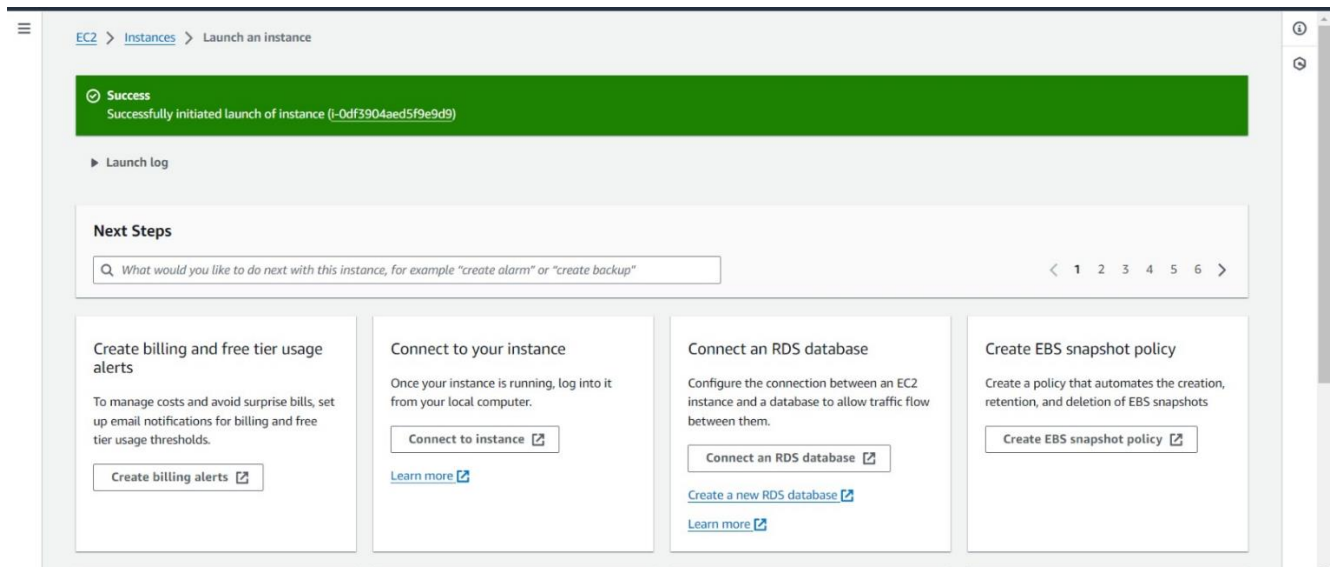
The selected AMI contains more instance store volumes than the instance allows. Only the first 0 instance store volumes from the AMI will be accessible from the instance

Click refresh to view backup information

The tags that you assign determine whether the instance will be backed up by any Data Lifecycle Manager policies.

0 x File systems

Edit



**Instances (1/1) Info**

Find Instance by attribute or tag (case-sensitive) All states

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elastic IP
Anushka	i-0df3904aed5f9e9d9	Running	t2.micro	Initializing	View alarms	us-east-1b	ec2-54-197-204-120.co...	54.197.204.120	-

**i-0df3904aed5f9e9d9 (Anushka)**

Details Status and alarms Monitoring Security Networking Storage Tags

**Instance summary Info**

Instance ID i-0df3904aed5f9e9d9 (Anushka)	Public IPv4 address 54.197.204.120   <a href="#">open address</a>	Private IPv4 addresses 172.31.42.176
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-54-197-204-120.compute-1.amazonaws.com   <a href="#">open address</a>
Hostname type IP name: ip-172-31-42-176.ec2.internal	Private IP DNS name (IPv4 only) ip-172-31-42-176.ec2.internal	Elastic IP addresses -
Answer private resource DNS name IPv4 (A)	Instance type t2.micro	AWS Compute Optimizer finding
Auto-assigned IP address	VPC ID	

To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo\_root" for details.

```
ubuntu@ip-172-31-42-176:~$ ls
ubuntu@ip-172-31-42-176:~$ echo "hello"
hello
ubuntu@ip-172-31-42-176:~$ cat > myfile.txt
This is Advance devops lab
^C
ubuntu@ip-172-31-42-176:~$ cat myfile
cat: myfile: No such file or directory
ubuntu@ip-172-31-42-176:~$ cat myfile.txt
This is Advance devops lab
ubuntu@ip-172-31-42-176:~$
```

## Hosting a static website using EC2 instance:

```
*** System restart required ***
Pending kernel upgrade!
Running kernel version:
  6.8.0-1009-aws
Diagnostics:
  The currently running kernel version is not the expected kernel version 6.8.0-1012-aws.
Last login: Tue Jul 30 08:37:47 2024 from 18.206.107.28
ubuntu@ip-172-31-41-78:~$ sudo su
root@ip-172-31-41-78:/home/ubuntu# apt install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
apache2 is already the newest version (2.4.58-1ubuntu8.4).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@ip-172-31-41-78:/home/ubuntu# systemctl
```

i-0104434d25a50dc8d (anushka1)

PublicIPs: 18.215.241.79 PrivateIPs: 172.31.41.78

```
└─12917 /usr/sbin/apache2 -k start
└─12919 /usr/sbin/apache2 -k start
└─12921 /usr/sbin/apache2 -k start

Jul 30 08:44:17 ip-172-31-41-78 systemd[1]: Starting apache2.service - The Apache HTTP Server...
Jul 30 08:44:17 ip-172-31-41-78 systemd[1]: Started apache2.service - The Apache HTTP Server.
root@ip-172-31-41-78:/home/ubuntu# cd /var/www/html/
bash: cd /var/www/html/: No such file or directory
root@ip-172-31-41-78:/home/ubuntu# cd /var/www/html/
root@ip-172-31-41-78:/var/www/html# /var/www/html#
bash: /var/www/html#: No such file or directory
root@ip-172-31-41-78:/var/www/html#
```

i-0104434d25a50dc8d (anushka1)

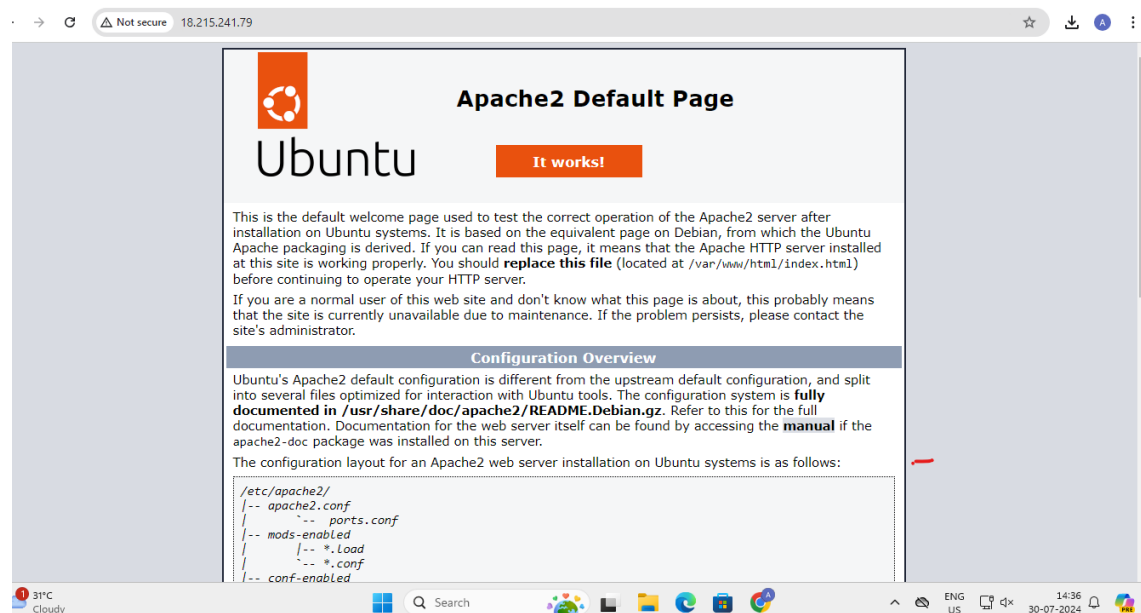
PublicIPs: 18.215.241.79 PrivateIPs: 172.31.41.78

```
command 'systemctl' from deb systemctl (1.4.4181-1.1)
Try: apt install <deb name>
root@ip-172-31-41-78:/home/ubuntu# systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/apache2.service; enabled; preset: enabled)
   Active: active (running) since Tue 2024-07-30 08:44:17 UTC; 12min ago
     Docs: https://httpd.apache.org/docs/2.4/
  Main PID: 12917 (apache2)
    Tasks: 55 (limit: 1130)
   Memory: 5.3M (peak: 5.4M)
      CPU: 74ms
   CGroup: /system.slice/apache2.service
           └─12917 /usr/sbin/apache2 -k start
             └─12919 /usr/sbin/apache2 -k start
               └─12921 /usr/sbin/apache2 -k start

Jul 30 08:44:17 ip-172-31-41-78 systemd[1]: Starting apache2.service - The Apache HTTP Server...
Jul 30 08:44:17 ip-172-31-41-78 systemd[1]: Started apache2.service - The Apache HTTP Server.
root@ip-172-31-41-78:/home/ubuntu#
```

i-0104434d25a50dc8d (anushka1)

PublicIPs: 18.215.241.79 PrivateIPs: 172.31.41.78



Anushka Shahane D15A 55

