

Advance Devops:1

EC2 INSTANCE CREATION:

[EC2](#) > [Instances](#) > Launch an instance

Launch an instance [Info](#)

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

Name and tags [Info](#)

Name

[Add additional tags](#)

▼ Application and OS Images (Amazon Machine Image) [Info](#)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

Recents

Quick Start

Amazon Linux

macOS

Ubuntu

Windows

Red Hat

SUSE Linux

[Browse more AMIs](#)

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Amazon Linux 2023 AMI

Free tier eligible

ami-0ae8f15ae66fe8cda (64-bit (x86), uefi-preferred) / ami-0e36db3a3a535e401 (64-bit (Arm), uefi)

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

Description

Amazon Linux 2023 is a modern, general purpose Linux-based OS that comes with 5 years of long term support. It is optimized for AWS and designed to provide a secure, stable and high-performance execution environment to develop and run your cloud applications.

Architecture

64-bit (x86)

Boot mode

uefi-preferred

AMI ID

ami-0ae8f15ae66fe8cda

Verified provider

▼ Instance type [Info](#) | [Get advice](#)

Instance type

t2.micro

Free tier eligible

Family: t2 1 vCPU 1 GiB Memory Current generation: true
On-Demand Windows base pricing: 0.0162 USD per Hour
On-Demand SUSE base pricing: 0.0116 USD per Hour
On-Demand RHEL base pricing: 0.026 USD per Hour
On-Demand Linux base pricing: 0.0116 USD per Hour

☐ All generations

[Compare instance types](#)

Additional costs apply for AMIs with pre-installed software

▼ Key pair (login) [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

Select

 [Create new key pair](#)

▼ Instance type [Info](#) | [Get advice](#)

Instance type

t2.micro

Free tier eligible

Family: t2 1 vCPU 1 GiB Memory Current generation: true
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On-Demand RHEL base pricing: 0.026 USD per Hour
On-Demand Linux base pricing: 0.0116 USD per Hour

☐ All generations

[Compare instance types](#)

Additional costs apply for AMIs with pre-installed software

▼ Key pair (login) [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

vockey

 [Create new key pair](#)

EC2 > Instances > Launch an instance

Success
 Successfully initiated launch of instance (i-0c3f04602fb41afa7)

▼ Launch log

Initializing requests	✓ Succeeded
Creating security groups	✓ Succeeded
Creating security group rules	✓ Succeeded
Launch initiation	✓ Succeeded

Instances (1/1) Info

Find Instance by attribute or tag (case-sensitive)

Instance ID = i-0c3f04602fb41afa7

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability
SNEHAL	i-0c3f04602fb41afa7	Running	t2.micro	Initializing	View alarms	us-east-1b

i-0c3f04602fb41afa7 (SNEHAL)

Details | Status and alarms | Monitoring | Security | Networking | Storage | Tags

▼ Instance summary Info

Instance ID	Public IPv4 address	Private IPv4 addresses
i-0c3f04602fb41afa7 (SNEHAL)	52.90.12.26 open address	172.31.36.47
IPv6 address	Instance state	Public IPv4 DNS
-	Running	ec2-52-90-12-26.compute-1.amazonaws.com open address

Static Website hosting using EC2:

```
See "man sudo_root" for details.

ubuntu@ip-172-31-41-61:~$ sudo su
root@ip-172-31-41-61:/home/ubuntu# sudo apt install
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@ip-172-31-41-61:/home/ubuntu# sudo apt-get update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:4 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe Translation-en [5982 kB]
Get:7 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [294 kB]
Get:8 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [68.1 kB]
Get:9 http://security.ubuntu.com/ubuntu noble-security/main amd64 c-n-f Metadata [3768 B]
Get:10 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [250 kB]
Get:11 http://security.ubuntu.com/ubuntu noble-security/universe Translation-en [108 kB]
Get:12 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [8632 B]
Get:13 http://security.ubuntu.com/ubuntu noble-security/universe amd64 c-n-f Metadata [9412 B]
```

i-Odda4db17f16307ec (Snehal)

PublicIPs: 54.162.220.58 PrivateIPs: 172.31.41.61

```
Reading package lists... Done
root@ip-172-31-41-61:/home/ubuntu# apt install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64 liblua5.4-0 ssl-cert
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64 liblua5.4-0 ssl-cert
0 upgraded, 10 newly installed, 0 to remove and 53 not upgraded.
Need to get 2083 kB of archives.
After this operation, 8094 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 libapr1t64 amd64 1.7.2-3.1build2 [107 kB]
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 libaprutil1t64 amd64 1.6.3-1.1ubuntu7 [91.9 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 libaprutil1-dbd-sqlite3 amd64 1.6.3-1.1ubuntu7 [11.2 kB]
Get:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 libaprutil1-ldap amd64 1.6.3-1.1ubuntu7 [9116 B]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 liblua5.4-0 amd64 5.4.6-3build2 [166 kB]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 apache2-bin amd64 2.4.58-1ubuntu8.4 [1329 kB]
Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 apache2-data all 2.4.58-1ubuntu8.4 [163 kB]
Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 apache2-utils amd64 2.4.58-1ubuntu8.4 [97.1 kB]
Get:9 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 apache2 amd64 2.4.58-1ubuntu8.4 [90.2 kB]
```

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.

```
root@ip-172-31-41-61:/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 Sun 2024-08-18 12:30:09 UTC; 30s ago
     Docs: https://httpd.apache.org/docs/2.4/
    Main PID: 2442 (apache2)
      Tasks: 55 (limit: 1130)
     Memory: 5.4M (peak: 5.7M)
        CPU: 40ms
    CGroup: /system.slice/apache2.service
            └─2442 /usr/sbin/apache2 -k start
            └─2445 /usr/sbin/apache2 -k start
            └─2446 /usr/sbin/apache2 -k start
```

```
Aug 18 12:30:09 ip-172-31-41-61 systemd[1]: Starting apache2.service - The Apache HTTP Server...
```

```
Aug 18 12:30:09 ip-172-31-41-61 systemd[1]: Started apache2.service - The Apache HTTP Server.
```

```
root@ip-172-31-41-61:/home/ubuntu# cd /var/www/html
```

```
root@ip-172-31-41-61:/var/www/html#
```

i-Odda4db17f16307ec (Snehal)

PublicIPs: 54.162.220.58 PrivateIPs: 172.31.41.61

sg-0e7811c687e701e30 - launch-wizard-7

Actions ▼

Details

Security group name launch-wizard-7	Security group ID sg-0e7811c687e701e30	Description launch-wizard-7 created 2024-08-18T11:25:33.225Z	VPC ID vpc-08963bc0f8afcd789
Owner 608111999703	Inbound rules count 1 Permission entry	Outbound rules count 1 Permission entry	

Inbound rules

Outbound rules

Tags

Inbound rules (1)



Manage tags

Edit inbound rules

Search

< 1 >



sg-0896d82a58154b33d - launch-wizard-9

Actions ▼

Details

Security group name launch-wizard-9	Security group ID sg-0896d82a58154b33d	Description launch-wizard-9 created 2024-08-18T12:21:13.480Z	VPC ID vpc-08963bc0f8afcd789
Owner 608111999703	Inbound rules count 3 Permission entries	Outbound rules count 1 Permission entry	

Inbound rules

Outbound rules

Tags

Inbound rules (3)



Manage tags

Edit inbound rules

Security group name 📄 launch-wizard-9	Security group ID 📄 sg-0896d82a58154b33d	Description 📄 launch-wizard-9 created 2024-08-18T12:21:13.480Z	VPC ID 📄 vpc-08963bc0f8afcd789
Owner 📄 608111999703	Inbound rules count 3 Permission entries	Outbound rules count 1 Permission entry	

[Inbound rules](#)[Outbound rules](#)[Tags](#)

Outbound rules (1)

[Manage tags](#)[Edit outbound rules](#)

< 1 > ⚙️

<input type="checkbox"/>	Name	Security group rule...	IP version	Type	Protocol
<input type="checkbox"/>	-	sg-06dd7ee61f83e4e88	IPv4	All traffic	All

🔄 ⚠️ Not secure 54.162.220.58



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
```

DYNAMIC HOSTING ON EC2:

service IP addresses for your Region: 18.206.107.24/29. [Learn more.](#)

Instance ID

 i-09a829f359fe54b45 (Snehal)

Connection Type

☒ Connect using EC2 Instance Connect

Connect using the EC2 Instance Connect browser-based client, with a public IPv4 address.

☐ Connect using EC2 Instance Connect Endpoint


Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.

Public IP address


 3.84.76.92

Username

Enter the username defined in the AMI used to launch the instance. If you didn't define a custom username, use the default username, ubuntu.

 ubuntu



 **Note:** In most cases, the default username, ubuntu, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.

```
ubuntu@ip-172-31-40-177:~$ pwd
/home/ubuntu
ubuntu@ip-172-31-40-177:~$ mkdir Snehal
ubuntu@ip-172-31-40-177:~$ cd Snehal
ubuntu@ip-172-31-40-177:~/Snehal$ git clone https://github.com/Snehal490102/dynamic-web-hosting.git
Cloning into 'dynamic-web-hosting'...
remote: Enumerating objects: 15, done.
remote: Counting objects: 100% (15/15), done.
remote: Compressing objects: 100% (12/12), done.
remote: Total 15 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (15/15), 15.04 KiB | 3.76 MiB/s, done.
Resolving deltas: 100% (3/3), done.
ubuntu@ip-172-31-40-177:~/Snehal$ ls
dynamic-web-hosting
ubuntu@ip-172-31-40-177:~/Snehal$ cd dynamic-web-hosting/
ubuntu@ip-172-31-40-177:~/Snehal/dynamic-web-hosting$ ls
README.md index.js package-lock.json package.json
ubuntu@ip-172-31-40-177:~/Snehal/dynamic-web-hosting$ npm i
Command 'npm' not found, but can be installed with:
sudo apt install npm
ubuntu@ip-172-31-40-177:~/Snehal/dynamic-web-hosting$ sudo apt install npm
Reading package lists... Done
```



```
Installing:
  httpd                x86_64                2.4.62-1.amzn2023                amazonlinux                48 k
Installing dependencies:
  apr                  x86_64                1.7.2-2.amzn2023.0.2            amazonlinux                129 k
  apr-util             x86_64                1.6.3-1.amzn2023.0.1            amazonlinux                98 k
  generic-logos-httpd noarch                18.0.0-12.amzn2023.0.3          amazonlinux                19 k
  httpd-core           x86_64                2.4.62-1.amzn2023                amazonlinux                1.4 M
  httpd-filesystem     noarch                2.4.62-1.amzn2023                amazonlinux                14 k
  httpd-tools          x86_64                2.4.62-1.amzn2023                amazonlinux                81 k
  libbrotli            x86_64                1.0.9-4.amzn2023.0.2            amazonlinux                315 k
  mailcap              noarch                2.1.49-3.amzn2023.0.3          amazonlinux                33 k
Installing weak dependencies:
  apr-util-openssl     x86_64                1.6.3-1.amzn2023.0.1            amazonlinux                17 k
  mod_http2            x86_64                2.0.27-1.amzn2023.0.3          amazonlinux                166 k
  mod_lua              x86_64                2.4.62-1.amzn2023                amazonlinux                61 k

Transaction Summary
-----
Install 12 Packages

Total download size: 2.3 M
Installed size: 6.9 M
Downloading Packages:
(1/12): apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64.rpm                270 kB/s | 17 kB    00:00
```

```
[root@ip-172-31-32-172 aws_exp1]# ls -lrt
total 1248
-rw-r--r--. 1 root root 294036 Aug  8 08:52 Nykaa-E-commerce.git
-rw-r--r--. 1 root root 981471 Aug  8 08:55 main.zip
[root@ip-172-31-32-172 aws_exp1]# unzip main.zip
Archive:  main.zip
21aa5de650c3671a44d68de6193df3e7f2294bdb
  creating: Nykaa-E-commerce-main/
  inflating: Nykaa-E-commerce-main/Loreal.png
  inflating: Nykaa-E-commerce-main/README.md
  inflating: Nykaa-E-commerce-main/beauty.png
  inflating: Nykaa-E-commerce-main/contact.html
  inflating: Nykaa-E-commerce-main/dotandkey.png
  inflating: Nykaa-E-commerce-main/fragrances.png
  inflating: Nykaa-E-commerce-main/index.html
  inflating: Nykaa-E-commerce-main/kay.png
  inflating: Nykaa-E-commerce-main/logo.png
  inflating: Nykaa-E-commerce-main/personal-care.png
  inflating: Nykaa-E-commerce-main/sale.png
  inflating: Nykaa-E-commerce-main/style.css
[root@ip-172-31-32-172 aws_exp1]# ls -lrt
```

```
[root@ip-172-31-32-172 Nykaa-E-commerce-main]# cd /var/www/html
[root@ip-172-31-32-172 html]# ls -lrt
total 996
-rw-r--r--. 1 root root    100 Aug  5 09:45 style.css
-rw-r--r--. 1 root root 785685 Aug  5 09:45 sale.png
-rw-r--r--. 1 root root 47717 Aug  5 09:45 personal-care.png
-rw-r--r--. 1 root root  6548 Aug  5 09:45 logo.png
-rw-r--r--. 1 root root 19142 Aug  5 09:45 kay.png
-rw-r--r--. 1 root root  6467 Aug  5 09:45 index.html
-rw-r--r--. 1 root root 34575 Aug  5 09:45 fragrances.png
-rw-r--r--. 1 root root 23651 Aug  5 09:45 dotandkey.png
-rw-r--r--. 1 root root 1190 Aug  5 09:45 contact.html
-rw-r--r--. 1 root root 51720 Aug  5 09:45 beauty.png
-rw-r--r--. 1 root root   44 Aug  5 09:45 README.md
-rw-r--r--. 1 root root 19801 Aug  5 09:45 Loreal.png
[root@ip-172-31-32-172 html]# systemctl status httpd
○ httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; preset: disabled)
   Active: inactive (dead)
     Docs: man:httpd.service(8)
[root@ip-172-31-32-172 html]# systemctl enable httpd
Created symlink /etc/systemd/system/multi-user.target.wants/httpd.service → /usr/lib/systemd/system/httpd.service.
[root@ip-172-31-32-172 html]# systemctl start httpd
[root@ip-172-31-32-172 html]#
```

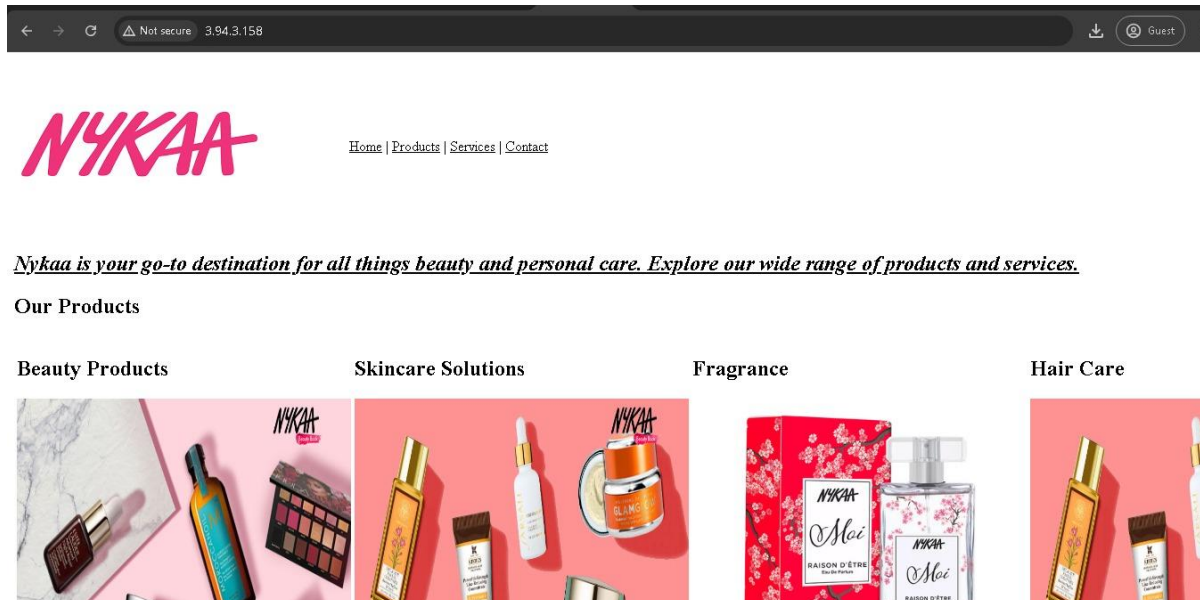
i-Ofaeab76df89e1910 (snehal)

PublicIPs: 3.94.3.158 PrivateIPs: 172.31.32.172

```

inflating: Nykaa-E-commerce-main/personal-care.png
inflating: Nykaa-E-commerce-main/sale.png
inflating: Nykaa-E-commerce-main/style.css
[root@ip-172-31-32-172 aws_expl]# ls -lrt
total 1264
drwxr-xr-x. 2 root root 16384 Aug  5 09:45 Nykaa-E-commerce-main
-rw-r--r--. 1 root root 294036 Aug  8 08:52 Nykaa-E-commerce.git
-rw-r--r--. 1 root root 981471 Aug  8 08:55 main.zip
[root@ip-172-31-32-172 aws_expl]# cd Nykaa-E-commerce-main
[root@ip-172-31-32-172 Nykaa-E-commerce-main]# ls -lrt
total 996
-rw-r--r--. 1 root root 100 Aug  5 09:45 style.css
-rw-r--r--. 1 root root 785685 Aug  5 09:45 sale.png
-rw-r--r--. 1 root root 47717 Aug  5 09:45 personal-care.png
-rw-r--r--. 1 root root 6548 Aug  5 09:45 logo.png
-rw-r--r--. 1 root root 19142 Aug  5 09:45 kay.png
-rw-r--r--. 1 root root 6467 Aug  5 09:45 index.html
-rw-r--r--. 1 root root 34575 Aug  5 09:45 fragrances.png
-rw-r--r--. 1 root root 23651 Aug  5 09:45 dotandkey.png
-rw-r--r--. 1 root root 1190 Aug  5 09:45 contact.html
-rw-r--r--. 1 root root 51720 Aug  5 09:45 beauty.png
-rw-r--r--. 1 root root 44 Aug  5 09:45 README.md

```



Instances (1/1) Info

Refresh

Connect

Instance state

Actions

Launch instances

Find Instance by attribute or tag (case-sensitive)

All states

Instance ID = i-05394be428038b1ff

Clear filters

< 1 >

Settings

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability
<input checked="" type="checkbox"/>	Snehal	i-05394be428038b1ff	Running	t2.micro	Initializing	View alarms +	us-east-1e

i-05394be428038b1ff (Snehal)

Settings

Close

Details

Status and alarms

Monitoring

Security

Networking

Storage

Tags

▼ Instance summary Info

Instance ID

i-05394be428038b1ff (Snehal)

Public IPv4 address

52.207.188.42 | [open address](#)

Private IPv4 addresses

172.31.53.246

IPv6 address

-

Instance state

Running

Public IPv4 DNS

ec2-52-207-188-42.compute-1.amazonaws.com |

EC2 Instance Connect

Session Manager

SSH client

EC2 serial console

Warning

Port 22 (SSH) is open to all IPv4 addresses

Port 22 (SSH) is currently open to all IPv4 addresses, indicated by 0.0.0.0/0 in the inbound rule in [your security group](#). For increased security, consider restricting access to only the EC2 Instance Connect service IP addresses for your Region: 18.206.107.24/29. [Learn more](#).

Instance ID

i-05394be428038b1ff (Snehal)

Connection Type

☒ Connect using EC2 Instance Connect

Connect using the EC2 Instance Connect browser-based client, with a public IPv4 address.

☐ Connect using EC2 Instance Connect Endpoint

Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.

Public IP address

52.207.188.42

Username

Enter the username defined in the AMI used to launch the instance. If you didn't define a custom username, use the default username, ubuntu.

ubuntu

Close

service IP addresses for your Region: 18.206.107.24/29. [Learn more.](#)

Instance ID

 i-0ad06c0cc966cc937 (SNEHAL)

Connection Type

☒ **Connect using EC2 Instance Connect**
Connect using the EC2 Instance Connect browser-based client, with a public IPv4 address.



☐ **Connect using EC2 Instance Connect Endpoint**
Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.


Public IP address

 54.237.228.9

Username

Enter the username defined in the AMI used to launch the instance. If you didn't define a custom username, use the default username, ubuntu.

 ubuntu 

 **Note:** In most cases, the default username, ubuntu, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.

Cancel

Connect

```
ubuntu@ip-172-31-44-156:~$ pwd
/home/ubuntu
ubuntu@ip-172-31-44-156:~$ mkdir Snehal
ubuntu@ip-172-31-44-156:~$ cd Snehal
ubuntu@ip-172-31-44-156:~/Snehal$ git clone https://github.com/snehal-A-patil/Nykaa-E-commerce.git
Cloning into 'Nykaa-E-commerce'...
remote: Enumerating objects: 36, done.
remote: Counting objects: 100% (36/36), done.
remote: Compressing objects: 100% (34/34), done.
remote: Total 36 (delta 16), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (36/36), 145.33 KiB | 11.18 MiB/s, done.
Resolving deltas: 100% (16/16), done.
ubuntu@ip-172-31-44-156:~/Snehal$ ls
Nykaa-E-commerce
ubuntu@ip-172-31-44-156:~/Snehal$ cd Nykaa-E-commerce
ubuntu@ip-172-31-44-156:~/Snehal/Nykaa-E-commerce$ ls
README.md  beauty.png  contact.html  fragrances.png  index.html  logo.png  personal-care.png
ubuntu@ip-172-31-44-156:~/Snehal/Nykaa-E-commerce$ npm i
Command 'npm' not found, but can be installed with:
sudo apt install npm
ubuntu@ip-172-31-44-156:~/Snehal/Nykaa-E-commerce$
```

STATIC WEBSITE HOSTING USING S3 BUCKET:

[Amazon S3](#) > [Buckets](#) > Create bucket

Create bucket [Info](#)

Buckets are containers for data stored in S3.

General configuration

AWS Region

US East (N. Virginia) us-east-1

Bucket type [Info](#)

☒ General purpose

Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

☐ Directory - New

Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

Bucket name [Info](#)

snehal-123-aws

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

Copy settings from existing bucket - optional

Encryption type [Info](#)

☒ Server-side encryption with Amazon S3 managed keys (SSE-S3)

☐ Server-side encryption with AWS Key Management Service keys (SSE-KMS)

☐ Dual-layer server-side encryption with AWS Key Management Service keys (DSSE-KMS)

Secure your objects with two separate layers of encryption. For details on pricing, see [DSSE-KMS pricing](#) on the [Storage](#) tab of the [Amazon S3 pricing page](#).

Bucket Key

Using an S3 Bucket Key for SSE-KMS reduces encryption costs by lowering calls to AWS KMS. S3 Bucket Keys aren't supported for DSSE-KMS. [Learn more](#)

☐ Disable

☒ Enable

Advanced settings

After creating the bucket, you can upload files and folders to the bucket, and configure additional bucket settings.

Cancel

Create bucket

[Amazon S3](#) > [Buckets](#)

Account snapshot - updated every 24 hours All AWS Regions

Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

View Storage Lens dashboard

General purpose buckets

Directory buckets

General purpose buckets (2) [Info](#) All AWS Regions

Copy ARN

Empty

Delete

Create bucket

Buckets are containers for data stored in S3.

Find buckets by name

< 1 > ⚙

	Name	AWS Region	IAM Access Analyzer	Creation date
<input type="radio"/>	elasticbeanstalk-us-east-1-608111999703	US East (N. Virginia) us-east-1	View analyzer for us-east-1	August 8, 2024, 15:22:13 (UTC+05:30)
<input type="radio"/>	snehal-123-aws	US East (N. Virginia) us-east-1	View analyzer for us-east-1	August 17, 2024, 22:59:32 (UTC+05:30)

Edit static website hosting [Info](#)

Static website hosting

Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting

Static website hosting

[Edit](#)

Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting
Enabled

Hosting type
Bucket hosting

✔ Bucket website endpoint copied

When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. [Learn more](#)

🔗 <http://snehal-123-aws-s3-website-us-east-1.amazonaws.com>

Block public access (bucket settings)

[Edit](#)

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to all your S3 buckets and objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

Block all public access

⚠ Off

► Individual Block Public Access settings for this bucket

Files and folders (9 Total, 972.7 KB)

[Remove](#)[Add files](#)[Add folder](#)

All files and folders in this table will be uploaded.

🔍 Find by name

< 1 >

<input type="checkbox"/>	Name	Folder	Type
<input type="checkbox"/>	sale.png	-	image/png
<input type="checkbox"/>	personal-care.png	-	image/png
<input type="checkbox"/>	Loreal.png	-	image/png
<input type="checkbox"/>	logo.png	-	image/png
<input type="checkbox"/>	kay.png	-	image/png
<input type="checkbox"/>	frangrances.png	-	image/png
<input type="checkbox"/>	dotandkey.png	-	image/png
<input type="checkbox"/>	beauty.png	-	image/png
<input type="checkbox"/>	index.html	-	text/html

✔ Upload succeeded

[View details below.](#)

Files and folders (9 Total, 972.7 KB)

🔍 Find by name

< 1 >

Name	Folder	Type	Size	Status	Error
sale.png	-	image/png	767.3 KB	✔ Succeeded	-
personal-car...	-	image/png	46.6 KB	✔ Succeeded	-
Loreal.png	-	image/png	19.3 KB	✔ Succeeded	-
logo.png	-	image/png	6.4 KB	✔ Succeeded	-
kay.png	-	image/png	18.7 KB	✔ Succeeded	-
frangrances.p...	-	image/png	33.8 KB	✔ Succeeded	-
dotandkey.p...	-	image/png	23.1 KB	✔ Succeeded	-
beauty.png	-	image/png	50.5 KB	✔ Succeeded	-
index.html	-	text/html	7.0 KB	✔ Succeeded	-

Object Ownership

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

☐ ACLs disabled (recommended)

All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

☒ ACLs enabled

Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

⚠️ We recommend disabling ACLs, unless you need to control access for each object individually or to have the object writer own the data they upload. Using a bucket policy instead of ACLs to share data with users outside of your account simplifies permissions management and auditing.

⚠️ Enabling ACLs turns off the bucket owner enforced setting for Object Ownership
Once the bucket owner enforced setting is turned off, access control lists (ACLs) and their associated permissions are restored. Access to objects that you do not own will be based on ACLs and not the bucket policy.

☒ I acknowledge that ACLs will be restored.

Successfully edited public access

View details below.

Summary

Source
s3://snehal-123-aws

Successfully edited public access
✔️ 9 objects, 972.7 KB

Failed to edit public access
0 objects

[Failed to edit public access](#)

Configuration

⊕ Failed to edit public access (0)

🔍 Find objects by name

Name	Folder	Type	Last modified	Size	Error
No objects failed to edit					

← → ↺ Not secure snehal-123-aws.s3-website-us-east-1.amazonaws.com

NYKAA

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Our Products

Beauty Products



Skincare Solutions



Fragrance



Hair Care



HOSTED LINK:

<http://snehal-123-aws.s3-website-us-east-1.amazonaws.com/>

CLOUD 9 HOSTING:

AWS Cloud9 > Environments > Create environment

Create environment Info

Details

Name

SnehalEnv

Limit of 60 characters, alphanumeric and unique per user.

Description – optional

Limit 200 characters.

Environment type Info

Determines what the Cloud9 IDE will run on.

☒ New EC2 instance

Cloud9 creates an EC2 instance in your account. The configuration of your EC2 instance cannot be changed by Cloud9 after creation.

☐ Existing compute

You have an existing instance or server that you'd like to use.

AWS Cloud9 > Environments > SnehalEnv

SnehalEnv

Delete

Open in Cloud9

Details

Edit

Name

SnehalEnv

Description

-

Environment type

EC2 instance

Owner ARN

arn:aws:sts::608111999703:assumed-role/voclabs/user3402712=PATIL_SHRAVANI_ANIL

Number of members

1

Status

Ready

Lifecycle status

Created

Creating SnehalEnv. This can take several minutes. While you wait, see [Best practices for using AWS Cloud9](#)

For capabilities similar to AWS Cloud9, explore AWS Toolkits in your own IDE and AWS CloudShell in the AWS Management Console. [Find out more](#)

AWS Cloud9 > Environments

Environments (1)

Delete

View details

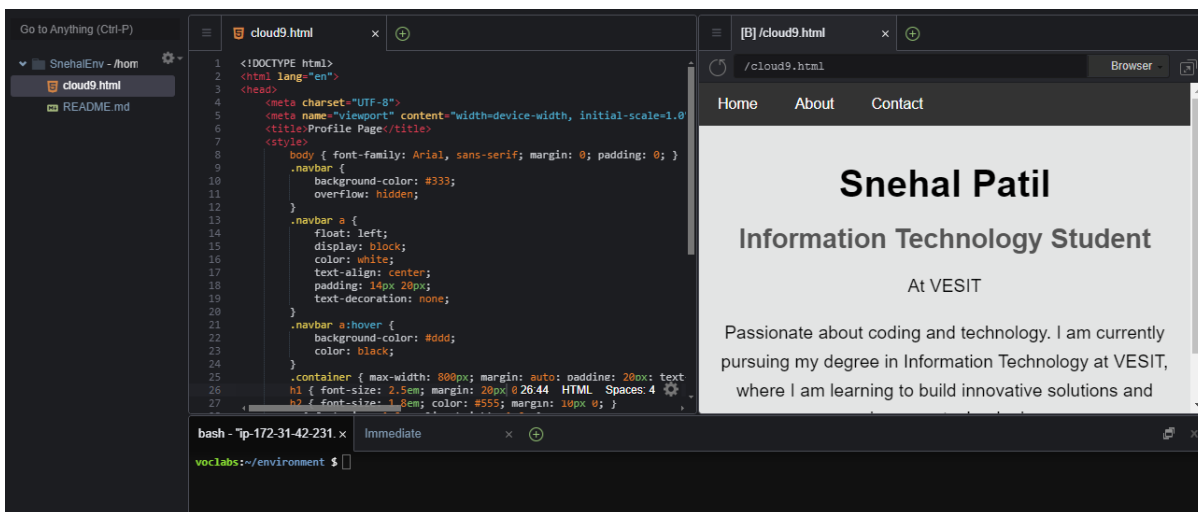
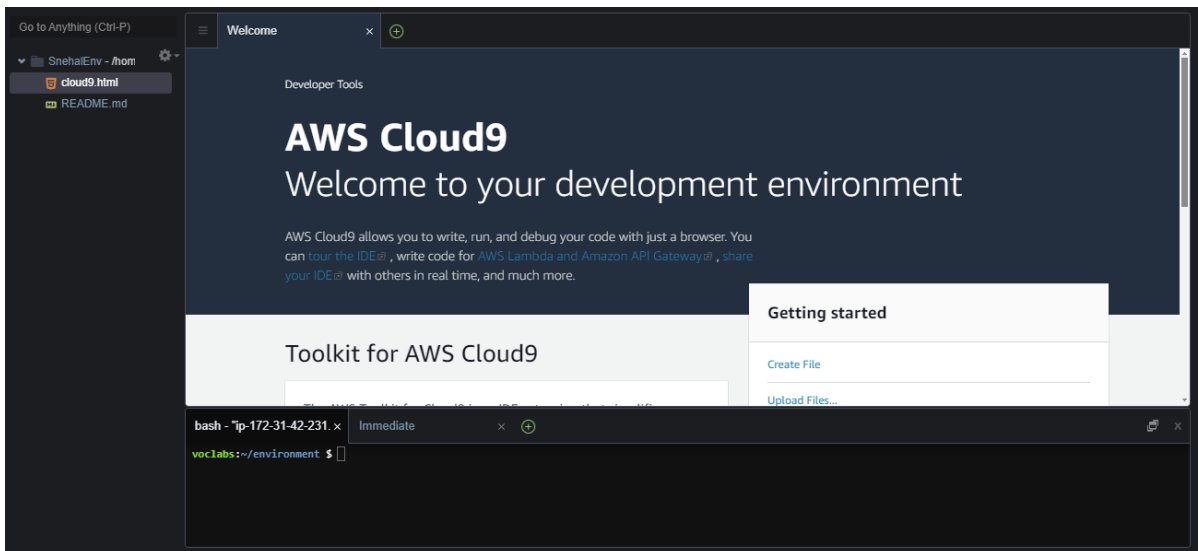
Open in Cloud9

Create environment

My environments

< 1 >

	Name	Cloud9 IDE	Environment type	Connection	Permission	Owner ARN
<input type="radio"/>	SnehalEnv	Open	EC2 instance	Secure Shell (SSH)	Owner	arn:aws:sts::608111999703:assumed-role/voclabs/user3402712=PATIL_SHRAVANI_ANIL



User details

User name

Snehal

The user name can have up to 64 characters. Valid characters: A-Z, a-z, 0-9, and + = , . @ _ - (hyphen)

☒ Provide user access to the AWS Management Console - *optional*

If you're providing console access to a person, it's a [best practice](#) to manage their access in IAM Identity Center.

Console password

☒ Autogenerated password

You can view the password after you create the user.

☐ Custom password

Enter a custom password for the user.

- Must be at least 8 characters long
- Must include at least three of the following mix of character types: uppercase letters (A-Z), lowercase letters (a-z), numbers (0-9), and symbols ! @ # \$ % ^ & * () _ + - (hyphen) = [] { } ' "

Permissions options

- ☒ Add user to group
Add user to an existing group, or create a new group. We recommend using groups to manage user permissions by job function.
- ☐ Copy permissions
Copy all group memberships, attached managed policies, and inline policies from an existing user.
- ☐ Attach policies directly
Attach a managed policy directly to a user. As a best practice, we recommend attaching policies to a group instead. Then, add the user to the appropriate group.

Get started with groups
Create a group and select policies to attach to the group. We recommend using groups to manage user permissions by job function, AWS service access, or custom permissions. [Learn more](#)

Create group

► Set permissions boundary - optional

Cancel Previous Next

Create user group

Create a user group and select policies to attach to the group. We recommend using groups to manage user permissions by job function, AWS service access, or custom permissions. [Learn more](#)

User group name

Enter a meaningful name to identify this group.

awsgrp

Maximum 128 characters. Use alphanumeric and '+,=, @, -, _' characters.

Permissions policies (952)

Refresh Create policy

Filter by Type
Search All type... 1 2 3 4 5 6 7 ... 48

Policy name	Type	Use...	Description
AdministratorAccess	AWS managed ...	Permis...	Provides full access to AWS services an...
AdministratorAcce...	AWS managed	None	Grants account administrative permis...
AdministratorAcce...	AWS managed	None	Grants account administrative permis...
AlexaForBusinessD...	AWS managed	None	Provide device setup access to AlexaFo...
AlexaForBusinessF...	AWS managed	None	Grants full access to AlexaForBusiness ...
AlexaForBusinessG...	AWS managed	None	Provide gateway execution access to A...
AlexaForBusinessLi...	AWS managed	None	Provide access to Lifesize AVS devices
AlexaForBusinessP...	AWS managed	None	Provide access to Poly AVS devices
AlexaForBusinessR...	AWS managed	None	Provide read only access to AlexaForB...
AmazonAPIGatewa...	AWS managed	None	Provides full access to create/edit/dele...
AmazonAPIGatewa...	AWS managed	None	Provides full access to invoke APIs in A...

Cancel Create user group