

Create a Free Tier AWS Account

Steps to Creating a Free tier AWS Account

Step 1: Sign Up for an AWS Account

- Open AWS Sign-up Page in any browser.
- Enter your email address and AWS account name.
- Click “Verify Email Address” and enter the verification code received in your email.

Explore Free Tier products with a new AWS account.

To learn more, visit aws.amazon.com/free.



Sign up for AWS

Root user email address

Used for account recovery and some administrative functions

AWS account name

Choose a name for your account. You can change this name in your account settings after you sign up.

Verify email address

OR

Sign in to an existing AWS account

Step 2: Set Root User Password

- Enter and confirm the Root user password.
- Click “Continue (step 1 of 5)”.



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Sign up for AWS

Create your password

✔ It's you! Your email address has been successfully verified. ✕

Your password provides you with sign in access to AWS, so it's important we get it right.

Root user password

Confirm root user password

Continue (step 1 of 5)

OR

Sign in to an existing AWS account

Step 3: Account Type Selection

- Choose “Personal – for your own projects”.
- Fill in personal details like full name, contact number, country, and address.
- Click “Continue (Step 2 of 5)”.



Free Tier offers

All AWS accounts can explore 3 different types of free offers, depending on the product used.



Always free
Never expires



12 months free
Start from initial sign-up date



Trials
Start from service activation date

Sign up for AWS

Contact Information

How do you plan to use AWS?

- ☐ Business - for your work, school, or organization
- ☐ Personal - for your own projects

Who should we contact about this account?

Full Name

Phone Number

 +1

▼

222-333-4444

Country or Region

United States

▼

Address

Apartment, suite, unit, building, floor, etc.

City

State, Province, or Region

Postal Code

☐ I have read and agree to the terms of the [AWS Customer Agreement](#).


Continue (step 2 of 5)

Step 4: Billing Information

- Enter billing details.
- Click “Verify and Continue”.



Secure verification

 We will not charge you for usage below AWS Free Tier limits. We may temporarily hold up to \$1 USD (or an equivalent amount in local currency) as a pending transaction for 3-5 days to verify your identity.



Sign up for AWS

Billing Information

Credit or Debit card number



AWS accepts all major credit and debit cards. To learn more about payment options, review our [FAQ](#).

Expiration date

February ▼ 2024 ▼

Cardholder's name

CVV

Billing address

☒ Use my contact address

Noida
NCR UP 201305
IN

☐ Use a new address

Do you have a PAN?

Permanent Account Number (PAN) is a ten-digit alphanumeric number issued by the Indian Income Tax Department. This 10-digit number is printed on the front of your PAN card.

☐ Yes

☒ No

You can go on the Tax Settings Page on Billing and Cost Management Console to update your PAN information.

Verify and Continue (step 3 of 5)

You might be redirected to your bank's website to authorize the verification charge.

Step 5: Identity Verification

- Confirm identity via mobile number or email.
- Enter verification code.
- Click “Continue”.



Sign up for AWS

Confirm your identity

Before you can use your AWS account, you must verify your phone number. When you continue, the AWS automated system will contact you with a verification code.

How should we send you the verification code?

- ☒ Text message (SMS)
☐ Voice call

Country or region code

India (+91)

Mobile phone number

Security check



Type the characters as shown above

b5c8x6

Send SMS (step 4 of 5)



Sign up for AWS

Confirm your identity

Verify code

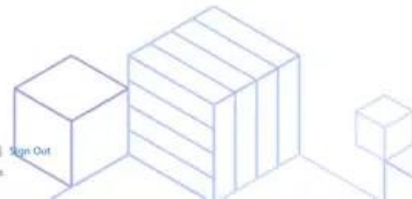
Continue (step 4 of 5)

Having trouble? Sometimes it takes up to 10 minutes to retrieve a verification code. If it's been longer than that, return to the previous page and try again.



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Step 6: Select Support Plan

- Choose “Basic Support – Free”.




- Click “Continue”.



Sign up for AWS

Select a support plan

Choose a support plan for your business or personal account. [Compare plans and pricing examples](#). You can change your plan anytime in the AWS Management Console.

<input checked="" type="radio"/> Basic support - Free <ul style="list-style-type: none">• Recommended for new users just getting started with AWS• 24x7 self-service access to AWS resources• For account and billing issues only• Access to Personal Health Dashboard & Trusted Advisor 	<input type="radio"/> Developer support - From \$29/month <ul style="list-style-type: none">• Recommended for developers experimenting with AWS• Email access to AWS Support during business hours• 12 (business)-hour response times 	<input type="radio"/> Business support - From \$100/month <ul style="list-style-type: none">• Recommended for running production workloads on AWS• 24x7 tech support via email, phone, and chat• 1-hour response times• Full set of Trusted Advisor best-practice recommendations 
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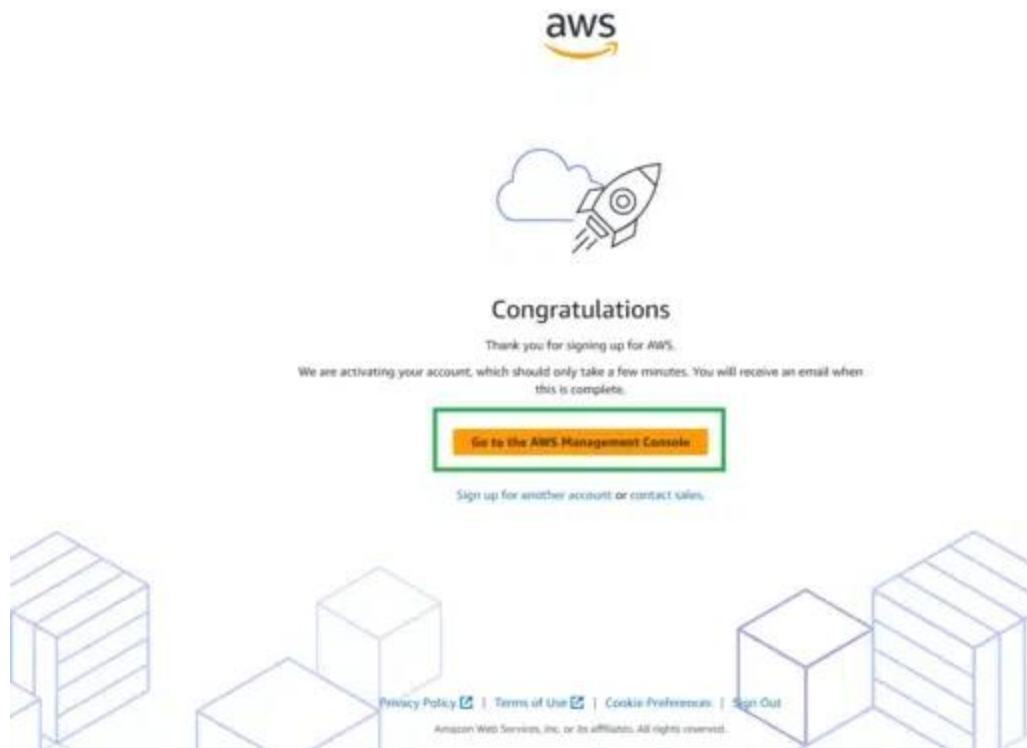
Need Enterprise level support?

From \$15,000 a month you will receive 15-minute response times and concierge-style experience with an assigned Technical Account Manager. [Learn more](#)

Complete sign up

Step 7: Account Confirmation

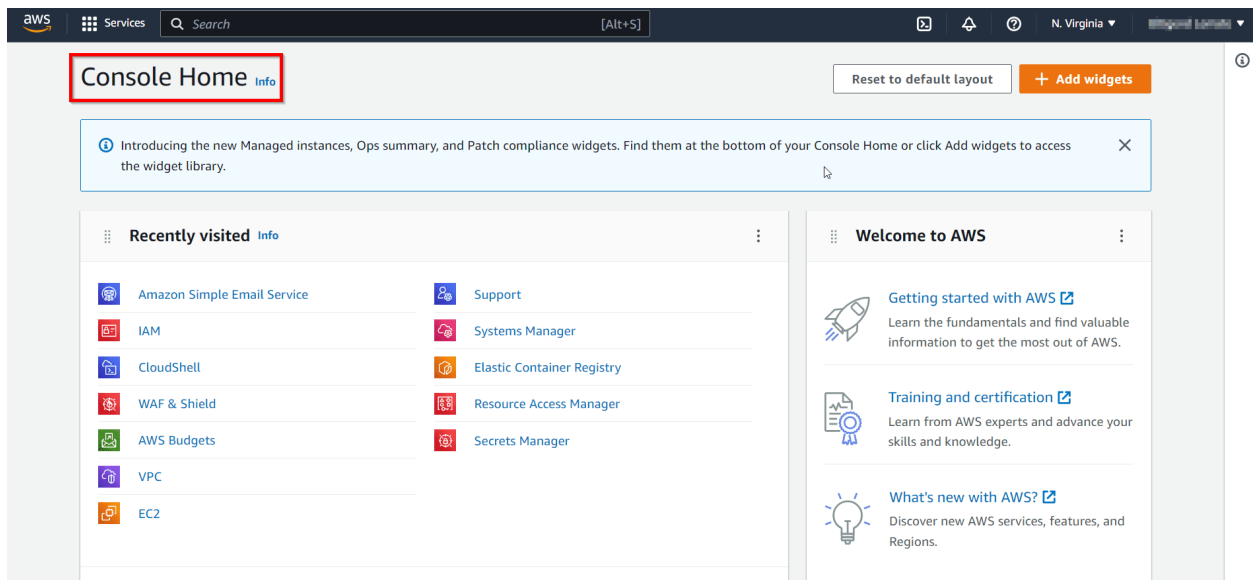
- AWS account is successfully created and ready for use.



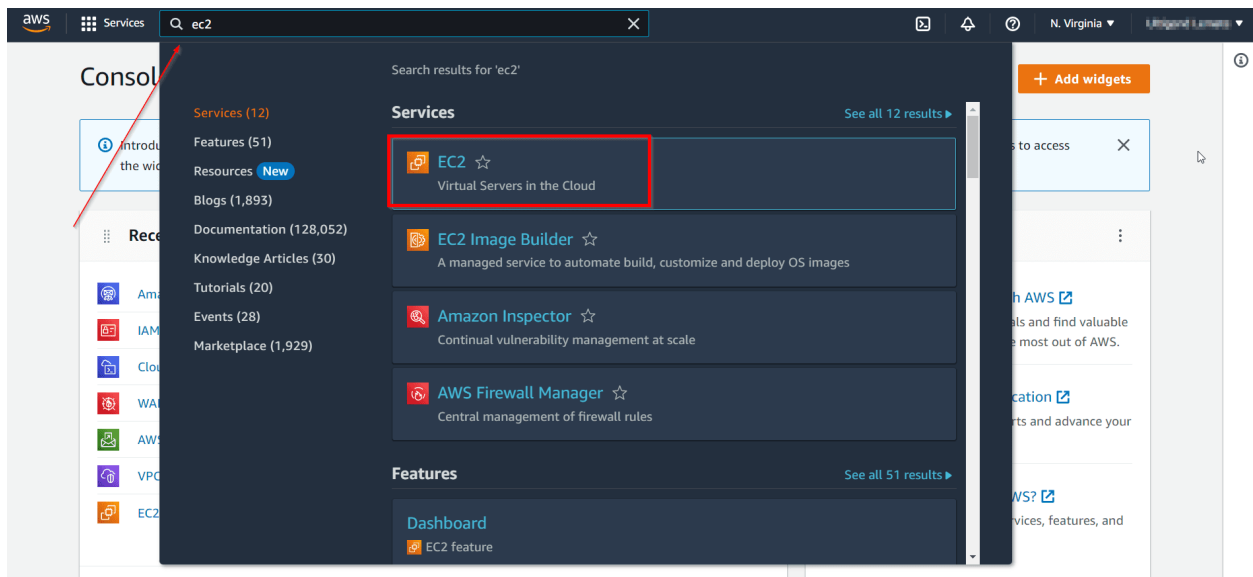
Launch an Ubuntu VM on AWS

Steps to Create AWS Ubuntu Virtual Machine [EC2 Instance]

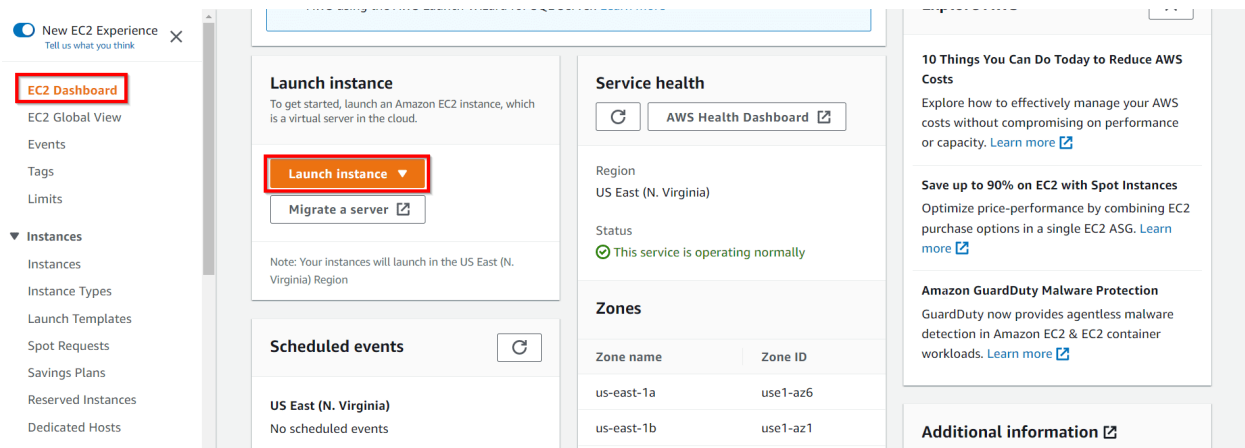
Step 1: Open your AWS console and log in.



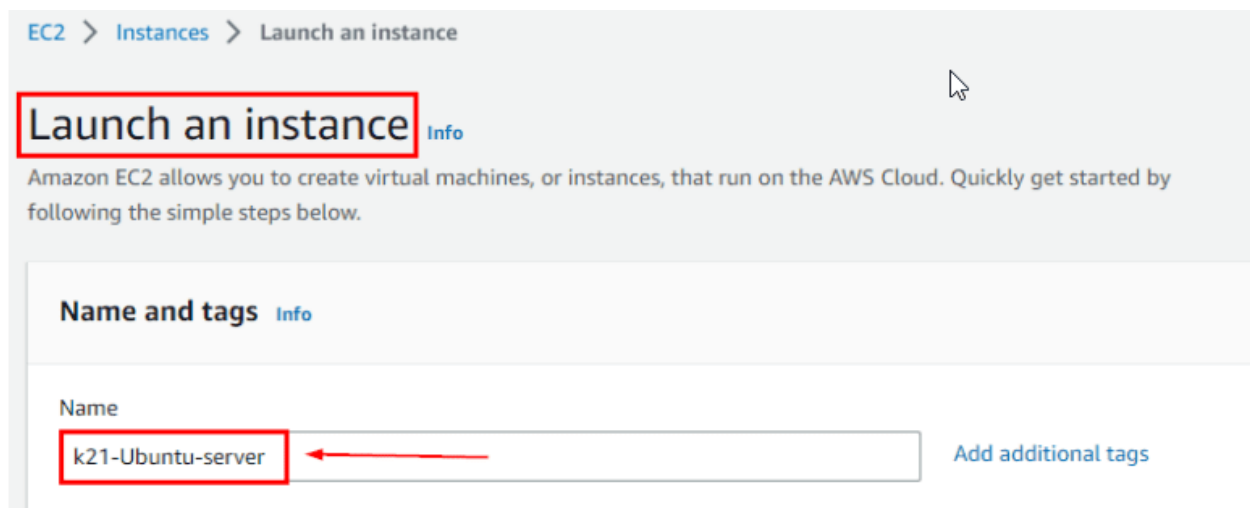
Step 2: Search for EC2 in the search bar and click on it.



Step 3: Once you are at the EC2 Dashboard, click on Launch to launch an instance.



Step 4: In the Name and Tags step you can add tags to an instance, here tags help you to enable categorizing AWS resources in different ways, for example, by owner, environment, or purpose.



Step 5: Choose Ubuntu, select Ubuntu Server (HVM) architecture, and Click on Select.

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

Search our full catalog including 1000s of application and OS images

Quick Start

Amazon Linux

macOS

Ubuntu

Windows

Red Hat

S

aws

Mac

ubuntu

Microsoft

Red Hat

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Ubuntu Server 22.04 LTS (HVM), SSD Volume Type

Free tier eligible

ami-0574da719dca65348 (64-bit (x86)) / ami-0e2b332e63c56bcb5 (64-bit (Arm))

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

Description

Canonical, Ubuntu, 22.04 LTS, amd64 jammy image build on 2022-12-01

Architecture

AMI ID

64-bit (x86)

ami-0574da719dca65348

Verified provider

Summary

Number of instances [Info](#)

1

Software Image (AMI)

Canonical, Ubuntu, 22.04 LTS, ...[read more](#)

ami-0574da719dca65348

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

Cancel

Launch instance

Step 6: For Select the t2.micro instance type, if you want you may select another instance type but they are chargeable so we choose the t2.micro instance type which is eligible for the free tier and limited resources.

Instance type [Info](#)

Instance type

t2.micro

Free tier eligible

Family: t2 1 vCPU 1 GiB Memory

On-Demand Windows pricing: 0.0162 USD per Hour

On-Demand SUSE pricing: 0.0116 USD per Hour

On-Demand RHEL pricing: 0.0716 USD per Hour

On-Demand Linux pricing: 0.0116 USD per Hour

Compare instance types

Note: Here we must choose the instance type as t2.micro because it is free tier eligible. So, please make sure you select the t2.micro as the instance type else you shall be charged for running instances from Paid AMI.

Step 7: Select an existing key pair or create a new one, we will Create a new one, enter the name of the Key-pair as ubuntu-Key, select .ppk, and Create the Key Pair.

▼ **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](#)

Create key pair

×

Key pairs allow you to connect to your instance securely.

Enter the name of the key pair below. When prompted, store the private key in a secure and accessible location on your computer. **You will need it later to connect to your instance.** [Learn more](#) [↗](#)

Key pair name

ubuntu-key

←

The name can include upto 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type

☒ RSA
RSA encrypted private and public key pair

☐ ED25519
ED25519 encrypted private and public key pair (Not supported for Windows instances)

Private key file format

☐ .pem
For use with OpenSSH

☒ .ppk
For use with PuTTY

Cancel

Create key pair

Step 8: Now review all the things you have Configured and Click on Launch Instance.

▼ Network settings Info

Edit

Network Info

vpc-09552cad50650a75c

Subnet Info

No preference (Default subnet in any availability zone)

Auto-assign public IP Info

Enable

Firewall (security groups) Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

Create security group

Select existing security group

We'll create a new security group called 'launch-wizard-7' with the following rules:

☒ Allow SSH traffic from

Helps you connect to your instance

Anywhere

0.0.0.0/0

☐ Allow HTTPS traffic from the internet

To set up an endpoint, for example when creating a web server

☐ Allow HTTP traffic from the internet

To set up an endpoint, for example when creating a web server

▼ Summary

Number of instances Info

1

Software Image (AMI)

Canonical, Ubuntu, 22.04 LTS, ...read more

ami-00874d747dde814fa

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 8 GiB

Free tier: In your first year includes 750

Launch instance

Step 9: Now Click on View all Instances. Here, you shall see your instance is launching and the Status check is Initializing, wait for some time.

Instances (1/1) Info								
Find instance by attribute or tag (case-sensitive)								
<input checked="" type="checkbox"/>	K21_Ubuntu_server							
<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 D
<input checked="" type="checkbox"/>	K21_Ubuntu_server	i-087fef5852f78385d	Running	t2.micro	Initializing	No alarms	us-east-1e	ec2-3-94-185-

Step 10: Refresh and you shall see your instance are Up and Running, and the Status check has changed to 2/2 checks.

Instances (1/1) Info								
Find instance by attribute or tag (case-sensitive)								
<input checked="" type="checkbox"/>	k21-Ubuntu-server	i-085b720b534de52c8	Running	t2.micro	2/2 checks passed	No alar...	us-east-1c	ec2-3-84-148-

Instance: i-085b720b534de52c8 (k21-Ubuntu-server)

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

▼ Instance summary Info

Instance ID

i-085b720b534de52c8 (k21-Ubuntu-server)

Public IPv4 address

3.84.148.97 | [open address](#)

Private IPv4 addresses

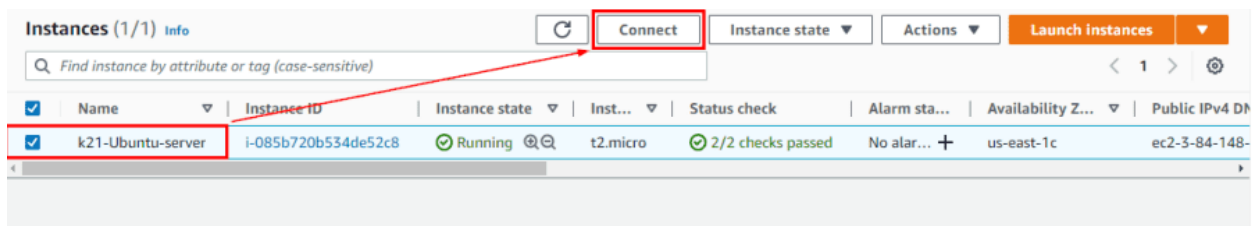
172.31.86.201

Now, we have successfully created our Ubuntu EC2 Instance (VM) on AWS.

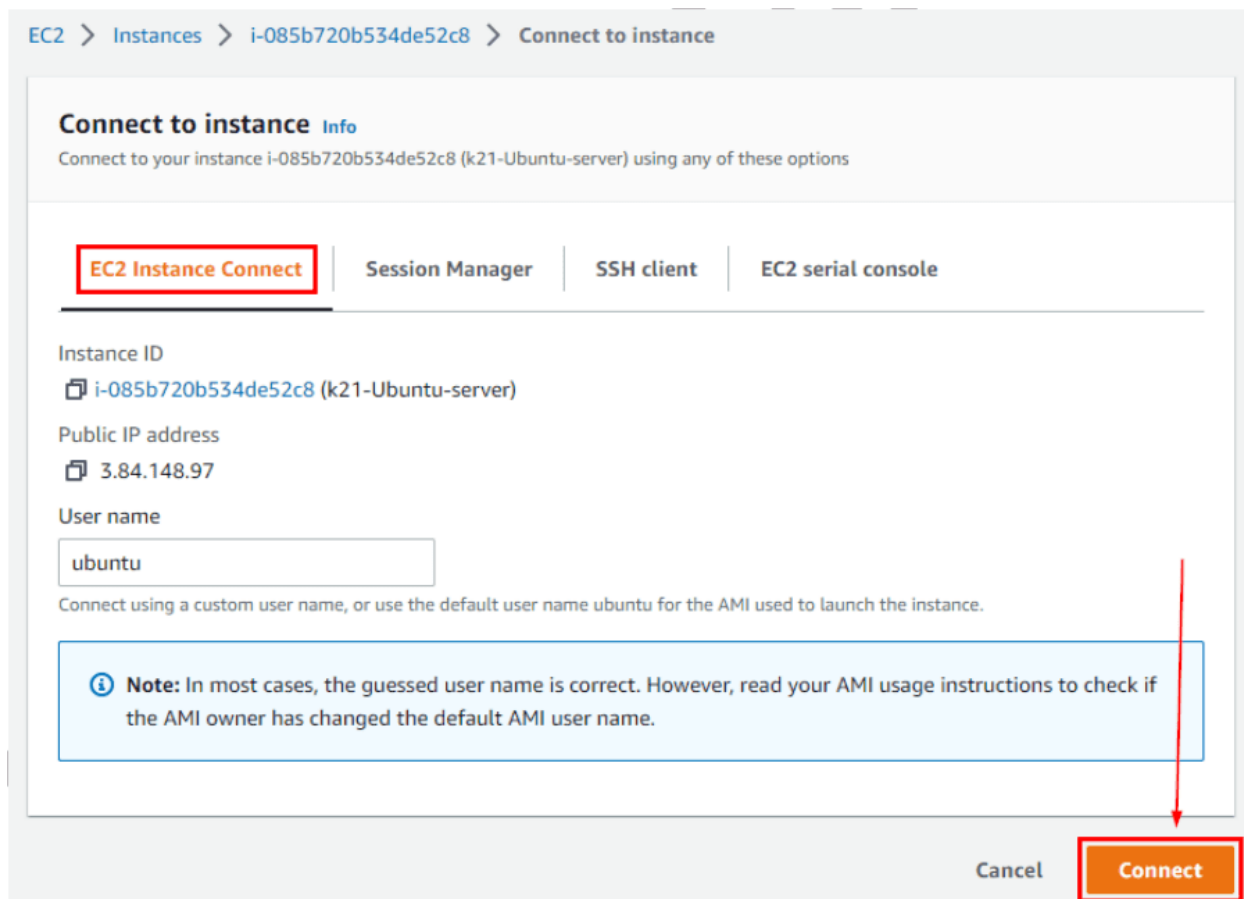
Note: Now, wait for the Status check of the instance to change to 2/2 checks pass and then only proceed with further steps, and if the status check has not passed then you shall get an error in the further steps so please wait.

Connect To Ubuntu Virtual Machine

Step 11: Select your Instance and Click on Connect.



Step 12: Select EC2 Instance Connect and Click on Connect.



Step 13: Now you shall be redirected to a new window and you shall see the Ubuntu CLI.

```

AWS Services Q Search [Alt+S] N. Virginia AWSK21
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-1026-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Tue Jan  3 11:04:33 UTC 2023

System load:  0.0               Processes:    97
Usage of /:   19.8% of 7.57GB   Users logged in:  0
Memory usage: 21%              IPv4 address for eth0: 172.31.86.201
Swap usage:   0%

0 updates can be applied immediately.

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

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

ubuntu@ip-172-31-86-201:~$
```