

Launch AWS Academy Learner | X Dashboard | EC2 | us-east-1 X +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Home:

aws Search [Alt+S] United States (N. Virginia) Account ID: 0864-2704-9247
voclabs/user4272460=2303A51851@sru.edu.in

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

You can change your default landing page for EC2.

Permanently dismiss Change landing page

Resources

You are using the following Amazon EC2 resources in the United States (N. Virginia) Region:

Instances (running)	0	Auto Scaling Groups	0	Capacity Reservations	0
Dedicated Hosts	0	Elastic IPs	1	Instances	1
Key pairs	1	Load balancers	0	Placement groups	0
Security groups	2	Snapshots	0	Volumes	0

Launch instance

To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

Launch instance Migrate a server

Note: Your instances will launch in the United States.

Service health

AWS Health Dashboard C

Region: United States (N. Virginia)
Status: This service is operating normally.

Account attributes

Default VPC vpc-076bf7489914e8825
Settings Data protection and security Allowed AMIs Zones EC2 Serial Console Default credit specification EC2 console preferences

Explore AWS

10 Things You Can Do Today to Reduce AWS Costs Explore how to effectively manage your AWS costs without compromising on performance or capacity. Learn more

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Launch AWS Academy Learner | X Launch an instance | EC2 | us-east-1 | +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:

aws Search [Alt+S] United States (N. Virginia) Account ID: 0864-2704-9247
voclabs/user4272460=2303A51851@sru.edu.in

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
1851_Lab_2 [Add additional tags](#)

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

An AMI contains the operating system, application server, and applications for your instance. If you don't see a suitable AMI below, use the search field or choose [Browse more AMIs](#).

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

Recents **Quick Start**

Amazon Linux macOS Ubuntu Windows Red Hat SUSE Linux Debian

aws      

Browse more AMIs
Including AMIs from AWS, Marketplace and the Community

Summary

Number of instances [Info](#)
1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.8.2... [read more](#)
ami-08982f1c5bf93d976

Virtual server type (instance type)
t3.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

Launch instance [Preview code](#)

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ENG IN 22:10:11 21-09-2025

Launch AWS Academy Learner | X Launch an instance | EC2 | us-east-1 | +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:

aws Search [Alt+S] United States (N. Virginia) Account ID: 0864-2704-9247
voclabs/user4272460=2303A51851@sru.edu.in

EC2 > Instances > Launch an instance

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

Network settings [Info](#)

Network [Info](#)

vpc-076bf7489914e8825

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-2' with the following rules:

Allow SSH traffic from Anywhere
Helps you connect to your instance
0.0.0.0/0

Summary

Number of instances [Info](#)

1

Software Image (AMI)

SUSE Linux Enterprise Server 1...[read more](#)
ami-06528c11a66cef7a8

Virtual server type (instance type)

t3.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 10 GiB

Cancel [Launch instance](#) [Preview code](#)

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22:11:02 21-09-2025

Launch AWS Academy Learner | X | Launch an instance | EC2 | us-east-1 | Connect to instance | EC2 | us-east-1 | +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ConnectToInstance:instanceId=i-0a4896aa8422a6915

aws Search [Alt+S] United States (N. Virginia) Account ID: 0864-2704-9247
voclabs/user4272460=2303A51851@sru.edu.in

EC2 > Instances > i-0a4896aa8422a6915 > Connect to instance

Connect Info

Connect to an instance using the browser-based client.

EC2 Instance Connect **Session Manager** **SSH client** **EC2 serial console**

Instance ID

[i-0a4896aa8422a6915 \(1851_Lab_2\)](#)

1. Open an SSH client.
2. Locate your private key file. The key used to launch this instance is `vockey.pem`
3. Run this command, if necessary, to ensure your key is not publicly viewable.
 `chmod 400 "vockey.pem"`
4. Connect to your instance using its Public DNS:
 [ec2-3-85-229-230.compute-1.amazonaws.com](#)

Example:

`ssh -i "vockey.pem" ec2-user@ec2-3-85-229-230.compute-1.amazonaws.com`

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

[Cancel](#)



Connect

Connect to an

EC2 Insta

Instance ID

 i-07d1

1. Open

2. Loca

3. Run

4. Conn

 Comm ssh -i Note

The authenticity of host 'ec2-13-218-94-59.compute-1.amazonaws.com (13.218.94.59)' can't be established.

ED25519 key fingerprint is SHA256:e2ZJJmNZtvryiWsNmy6fqN4rXFWs8aPoKbnZBPufW9E.

This key is not known by any other names.

Are you sure you want to continue connecting (yes/no/[fingerprint])? yes

Warning: Permanently added 'ec2-13-218-94-59.compute-1.amazonaws.com' (ED25519) to the list of known hosts.

ec2-user@ec2-13-218-94-59.compute-1.amazonaws.com: Permission denied (publickey).

C:\Users\chunc_yhjtd63>cd download

The system cannot find the path specified.

C:\Users\chunc_yhjtd63>cd "C:\Users\chunc_yhjtd63\Downloads\lab2.pem"

The directory name is invalid.

C:\Users\chunc_yhjtd63>cd Downloads

C:\Users\chunc_yhjtd63\Downloads>ssh -i "lab2.pem" ec2-user@ec2-13-218-94-59.compute-1.amazonaws.com

SUSE Linux Enterprise Server 15 SP7 x86_64 (64-bit)

As "root" (sudo or sudo -i) use the:

- zypper command for package management
- yast command for configuration management

Management and Config: <https://www.suse.com/suse-in-the-cloud-basics>

Documentation: <https://www.suse.com/documentation/sles-15/>

Community: <https://community.suse.com/>

Have a lot of fun...

ec2-user@ip-172-31-21-192:~>

The system cannot find the path specified.

```
C:\Users\chunc_yhjtd63>cd "C:\Users\chunc_yhjtd63\Downloads\lab2.pem"
The directory name is invalid.
```

```
C:\Users\chunc_yhjtd63>cd Downloads
```

```
C:\Users\chunc_yhjtd63\Downloads>ssh -i "lab2.pem" ec2-user@ec2-13-218-94-59.compute-1.amazonaws.com
SUSE Linux Enterprise Server 15 SP7 x86_64 (64-bit)
```

As "root" (sudo or sudo -i) use the:

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Documentation: <https://www.suse.com/documentation/sles-15/>

Community: <https://community.suse.com/>

Have a lot of fun...

```
ec2-user@ip-172-31-21-192:~>
ec2-user@ip-172-31-21-192:~>
ec2-user@ip-172-31-21-192:~>
ec2-user@ip-172-31-21-192:~>
ec2-user@ip-172-31-21-192:~> lsls
```

If 'lsls' is not a typo you can use command-not-found to lookup the package that contains it, like this:

```
cnf lsls
```

```
ec2-user@ip-172-31-21-192:~> ls
```

```
bin
```