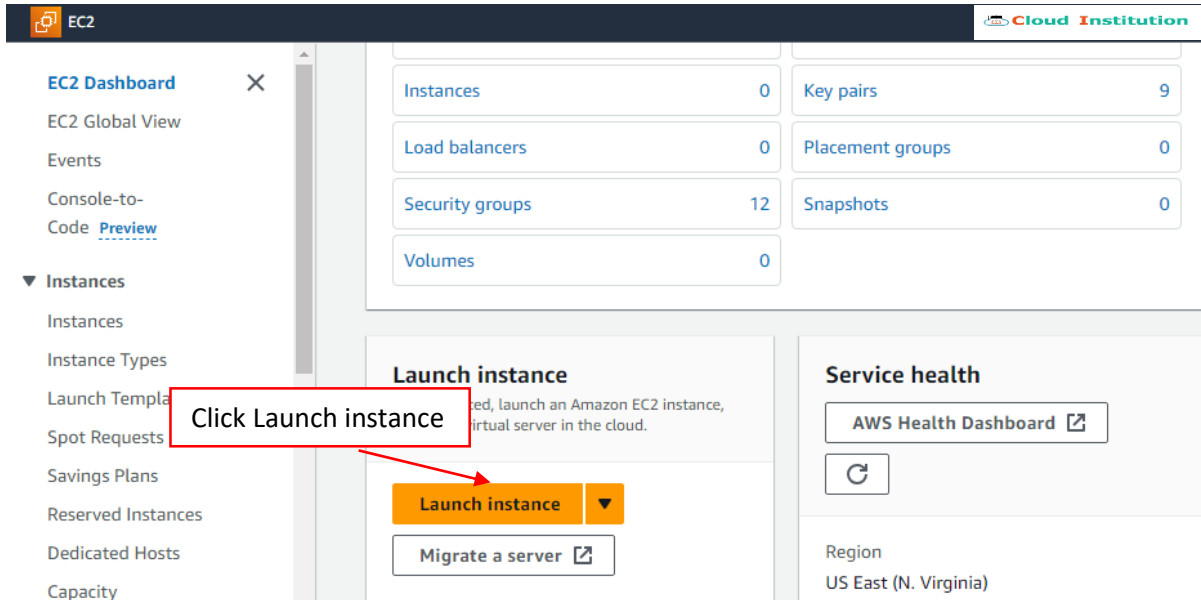


EC2 - LINUX INSTANCE CREATION

Step 1 : Now create EC2 instances



EC2

EC2 Dashboard

EC2 Global View

Events

Console-to-Code [Preview](#)

▼ Instances

Instances

Instance Types

Launch Template

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity

Instances 0

Load balancers 0

Security groups 12

Volumes 0

Key pairs 9

Placement groups 0

Snapshots 0

Launch instance

Click Launch instance

Launch instance

Migrate a server

Service health

AWS Health Dashboard

Region

US East (N. Virginia)

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](#)

Give a name to the instance

Name

N.V-JUMP

[Add additional tags](#)


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


 Cloud Institution


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


SUSE Linux


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

Amazon Machine Image (AMI)

Amazon Linux 2023 AMI
ami-04e5276ebb8451442 (64-bit (x86), uefi-preferred) / ami-09e060bed64ca0c04 (64-bit (Arm), uefi)
Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible

▼ Instance type [Info](#)

Select instance type

Instance type

t2.micro
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: 0.0716 USD per Hour
On-Demand Linux base pricing: 0.0116 USD per Hour

Free tier eligible

☐ All generations
[Compare instance types](#)

Additional costs apply for AMIs with pre-installed software

▼ Key pair (login) [Info](#)

Select a key pair

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

25APR

 [Create new key pair](#)

▼ Network settings [Info](#)

Cloud Institution

Edit

Network [Info](#)

vpc-0ae76ae4d4a2db8aa

Subnet [Info](#)

No preference (Default subnet in any availability zone)

Auto-assign public IP [Info](#)

Enable

Additional charges apply when outside of free tier allowance

Click Edit

▼ Network settings [Info](#)

Cloud Institution

VPC - required [Info](#)

vpc-0ae76ae4d4a2db8aa
172.31.0.0/16 (default) ▲

Q |

vpc-0ae76ae4d4a2db8aa
172.31.0.0/16 (default) ✓

vpc-0b77c4209d8356808 (N.V-VPC)
10.0.0.0/24

↻ Create new subnet

Select the created VPC

▼ Network settings Info

 Cloud Institution

VPC - required Info

vpc-0b77c4209d8356808 (N.V-VPC)
10.0.0.0/24Enable auto
assign IP
address

Subnet Info

subnet-08dd8bc772962e04f
VPC: vpc-0b77c4209d8356808 Owner: 473869189128
Availability Zone: us-east-1a IP addresses available: 11 CIDR: 10.0.0.0/28

SN-1

 Create new subnet 

Auto-assign public IP Info

Enable

Additional charges apply when outside of free tier allowance

Firewall (security groups) Info

A security group is a set of firewall rules that control the traffic for your instances.
your

1.Create a new Security

☒ Create security group☐ Select existing security group Cloud Institution

Security group name - required

N.V-SG

2.Give a name

Description - required Info

launch-wizard-11 created 2024-04-25T06:06:23.417Z

Inbound Security Group Rules

▼ Security group rule 1 (TCP, 22, 0.0.0.0/0)

Add inbound rules

Remove

Type Info

ssh

Protocol Info

TCP

Port range Info

22

Source type Info

Anywhere

Source Info

Add CIDR, prefix list or security

0.0.0.0/0 X

Description - optional Info

e.g. SSH for admin desktop



Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.



Add security group rule

ssh

TCP

22

Source type Info

Anywhere

Source Info

Add CIDR, prefix list or security

0.0.0.0/0 X

Description - optional Info

e.g. SSH for admin desktop

Add all ICMP – Ipv4

▼ Security group rule 2 (ICMP, All, 0.0.0.0/0)

Remove

Type Info

All ICMP - IPv4

Protocol Info

ICMP

Port range Info

All

Source type Info

Anywhere

Source Info

Add CIDR, prefix list or security

0.0.0.0/0 X

Description - optional Info

e.g. SSH for admin desktop



Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.



Add security group rule

▼ 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

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

Advanced details

Info

Number of instances [Info](#)

Cloud Institution

t2.micro

Firewall (security group)

New security group

Storage (volumes)

e(s) - 8 GiB


Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t3.micro is available) instances

Cancel
Launch instance
Review commands

Click on Launch instance

Instance created

Instances (1/1) Info							
<input type="text" value="Find Instance by attribute or tag (case-sensitive)"/> <input type="button" value="All states"/>							
<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability zone
<input checked="" type="checkbox"/>	N.V-JUMP	i-06729d3cdc1c88fca	Running	t2.micro	2/2 checks passed	View alarms	us-east-1a


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