

CIA1

SABARI RAJ N-727721euit131

QUESTION 1:

The screenshot displays the AWS Management Console interface for launching an EC2 instance. The instance is named 'ec2usecase2' and is using the 'Amazon Linux 2023 AMI' (ami-0a79730daaf45078a). The instance type is 't3.micro'. The summary shows 1 instance, 1 volume (8 GiB), and a new security group. The 'Inbound security groups rules' section shows a rule for SSH (port 22) from anywhere (0.0.0.0/0). The 'Launch instance' button is visible.

Summary

- Number of instances: 1
- Software Image (AMI): Amazon Linux 2023 AMI 2023.0.2...read more
- Virtual server type (instance type): t3.micro
- Firewall (security group): New security group
- Storage (volumes): 1 volume(s) - 8 GiB

Inbound security groups rules

Type	Protocol	Port range	Source type	Source	Description - optional
ssh	TCP	22	Anywhere	0.0.0.0/0	e.g. SSH for admin desktop

Launch instance

Launch an instance | EC2 Management Console

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

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 10 GiB gp3 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

0 x File systems Edit

► Advanced details Info

▼ Summary

Number of instances Info 1

Software image (AMI) Amazon Linux 2023 AMI 2023.0.2...read more ami-0a79730daaf45078a

Virtual server type (instance type) t3.micro

Firewall (security group) New security group

Storage (volumes) 1 volume(s) - 10 GiB

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

Cancel Launch instance Review commands

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ec2usecase2.ppk EC2-Admin1_crede...csv Show all

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Instances | EC2 Management Console

eu-north-1.console.aws.amazon.com/ec2/home?region=eu-north-1#Instances?v=3&case=tag:true%5C,client:false®ex=tag:false%5C,client:false

New EC2 Experience

login as: ec2-user
Authenticating with public key "ec2usecase2"
Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023

[ec2-user@ip-172-31-10-166 ~]\$ sudo su
[root@ip-172-31-10-166 ec2-user]#

IPV6 address -

Instance state Running

Private IP address 172.31.10.166

Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4
2/2 checks passed	No alarms	eu-north-1c	ec2-16-170-37-80.eu-n...	16.170.37.80
Initializing	No alarms	eu-north-1c	ec2-16-16-121-31.eu-n...	16.16.121.31

Private IPv4 addresses 172.31.10.166

Public IPv4 DNS ec2-16-16-121-31.eu-north-1.compute.amazonaws.com | open address

Elastic IP addresses

IPV6 address -

Instance state Running

Private IP address 172.31.10.166

Public IPv4 DNS ec2-16-16-121-31.eu-north-1.compute.amazonaws.com | open address

Elastic IP addresses

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