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## QUESTION 1:

The image displays two screenshots of the AWS Management Console, specifically the 'Launch instance' wizard in the 'us-east-1' region.

**Top Screenshot: Application and OS Images (Amazon Machine Image)**

- Name:** ec2usecase1
- Application and OS Images (Amazon Machine Image):** The 'Quick Start' section shows 'Amazon Linux' selected. Below it, the 'Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type' is listed with details: ami-03c7d01cf4dedc891 (64-bit (x86)) / ami-0c5338a495eb1c939 (64-bit (Arm)).
- Summary:**
  - Number of instances: 1
  - Software Image (AMI): Amazon Linux 2 Kernel 5.10 AMI...read more
  - 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
- Buttons:** Cancel, Launch instance, Review commands

**Bottom Screenshot: Key pair (login)**

- Key pair name:** ec2usecase1
- Key pair type:** RSA (selected), ED25519
- Private key file format:** .pem (selected), .ppk
- Buttons:** Cancel, Create key pair

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

Network settings info Edit

Network info  
vpc-0abe381d2bbc0bb57

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  
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

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.

Summary

Number of instances info  
1

Software Image (AMI)  
Amazon Linux 2 Kernel 5.10 AMI...read more  
ami-03c7d01cf4dedc891

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

Cancel Launch instance Review commands

CloudShell Feedback Language

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us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances?v=3;\$case=tags:true%5C,client:false;\$regex=tags:false%5C,client:false

Instances (2) info Connect Instance state Actions Launch instances

Find instance by attribute or tag (case-sensitive)

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
<input type="checkbox"/>	ec2usecase1	i-036d431ebf4c819cf	Running	t2.micro	2/2 checks passed	No alarms	us-east-1b	ec2-52-207-235-
<input type="checkbox"/>	ec2usecase1	i-0c0a1032bda8b25c5	Terminated	t2.micro	-	No alarms	us-east-1b	-

Select an instance

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Network-L1-User1...csv Show all

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us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:v=3;\$case=tags:true%5C,client:false;\$regex=tags:false%5C,client:false

Services Search [Alt+S]

EC2 S3 IAM Management Console SKCET

New EC2 Instance

EC2 Dashboard

EC2 Global View

Events

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

Instance summary Info

Instance ID

i-036d431ebf4c819cf (ec2usecase1)

IPV6 address

Public IPv4 address

52.207.235.1 | open address

Instance state

Running

Private IPv4 addresses

172.31.92.24

Public IPv4 DNS

ec2-52-207-235-1.compute-1.amazonaws.com | open address

Connect Instance state Actions Launch instances

Instance status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elastic IP
Running	us-east-1b	ec2-52-207-235-1.com...	52.207.235.1	-
Running	us-east-1b	-	-	-

Monitoring Tags

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Network-L1-User1...csv Show all X

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