

Q.2- EC2 instance launch

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The image displays two screenshots of the AWS Management Console interface.

Top Screenshot: The main dashboard of the AWS Management Console. The header shows the AWS logo, a search bar, and navigation links. The main content area is titled "AWS Management Console" and includes sections for "AWS services" (Recently visited services, All services), "Build a solution" (Launch a virtual machine, Build a web app, Build using virtual servers), and "Stay connected to your AWS resources on-the-go" (AWS Console Mobile App). The bottom of the dashboard features a navigation bar with links for Feedback, English (US), and various AWS services.

Bottom Screenshot: A search results page for "ec2". The search bar at the top shows "ec2" entered. The results are categorized into "Services" and "Features". Under "Services", there are links to EC2 (Virtual Servers in the Cloud), EC2 Image Builder (A managed service to automate build, customize and deploy OS images), AWS Compute Optimizer (Recommend optimal AWS Compute resources for your workloads), and AWS Firewall Manager (Central management of firewall rules). Under "Features", there are links to "Export snapshots to EC2" (with a Lightsail feature) and "Dashboard" (with an EC2 feature). The bottom of the screenshot shows the same navigation bar as the top screenshot.

Dashboard | EC2 Management

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Home

Search for services, features, marketplace products, and docs [Alt+S]

New EC2 Experience

EC2 Dashboard

Events

Tags

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Resources

You are using the following Amazon EC2 resources in the US East (Ohio) Region:

Instances (running)	0	Dedicated Hosts	0
Elastic IPs	0	Instances	0
Key pairs	0	Load balancers	0
Placement groups	0	Security groups	1
Snapshots	0	Volumes	0

Easily size, configure, and deploy Microsoft SQL Server Always On availability groups on AWS using the AWS Launch Wizard for SQL Server. Learn more

Launch instance

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

Launch instance

Note: Your instances will launch in the US East (Ohio) Region.

Service health

Service Health Dashboard

Region: US East (Ohio)

Status: This service is operating normally

Account attributes

Supported platforms

- VPC

Default VPC: vpc-43e46728

Settings

- EBS encryption

Zones

Default credit specification

Console experiments

Explore AWS

Save up to 90% on EC2 with Spot Instances

Optimize price-performance by combining EC2 purchase options in a single EC2 ASG. Learn more

Get Up to 40% Better Price Performance

T4g instances deliver the best price performance for burstable general

Launch instance wizard | EC2 Management

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard

Search for services, features, marketplace products, and docs [Alt+S]

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 1: Choose an Amazon Machine Image (AMI)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

Cancel and Exit

Search windows

Search by Systems Manager parameter

AWS Launch Wizard for SQL Server offers an easy way to size, configure, and deploy Microsoft SQL Server Always On availability groups. Use AWS Launch Wizard for this launch

Quick Start (6)

My AMIs (0)

AWS Marketplace (860)

Community AMIs (4639)

Free tier only

Microsoft Windows Server 2019 Base - ami-00843a337042b9b8b

Windows

Free tier eligible

Microsoft Windows 2019 Datacenter edition. [English]

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

64-bit (x86)

Microsoft Windows Server 2019 Base with Containers - ami-0f25be484aba16d89

Windows

Free tier eligible

Microsoft Windows 2019 Datacenter edition with Containers. [English]

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

64-bit (x86)

Microsoft Windows Server 2004 Core Base - ami-0c45e1b920b99d062

Windows

Free tier eligible

Microsoft Windows Server 2004 Semi-Annual Channel release [English]

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

64-bit (x86)

Microsoft Windows Server 2016 Base - ami-02f5d48eaf91e601e

Windows

Free tier eligible

Microsoft Windows Server 2016 Datacenter edition. [English]

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

64-bit (x86)

Launch instance wizard | EC2 M... X

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:

Services Search for services, features, marketplace products, and docs [Alt+S]

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: All instance families Current generation Show/Hide Columns

Currently selected: t2.micro (- ECUs, 1 vCPUs, 2.5 GHz, ~, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	t2	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	t2	t2.micro	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.xlarge	4	16	EBS only	-	Moderate	Yes
<input type="checkbox"/>	t2	t2.2xlarge	8	32	EBS only	-	Moderate	Yes
<input type="checkbox"/>	t3	t3.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	Yes

Cancel Previous Review and Launch Next: Configure Instance Details

Feedback English (US)

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Type here to search

Launch instance wizard | EC2 M... X

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:

Services Search for services, features, marketplace products, and docs [Alt+S]

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 7: Review Instance Launch

Security group name launch-wizard-1
Description launch-wizard-1 created 2021-02-24T13:21:52.533+05:30

Type	Protocol	Port Range	Source	Description
RDP	TCP	3389	0.0.0.0/0	

Instance Details

Number of instances 1 Purchasing option On demand

Network vpc-43e46728
Subnet No preference (default subnet in any Availability Zone)

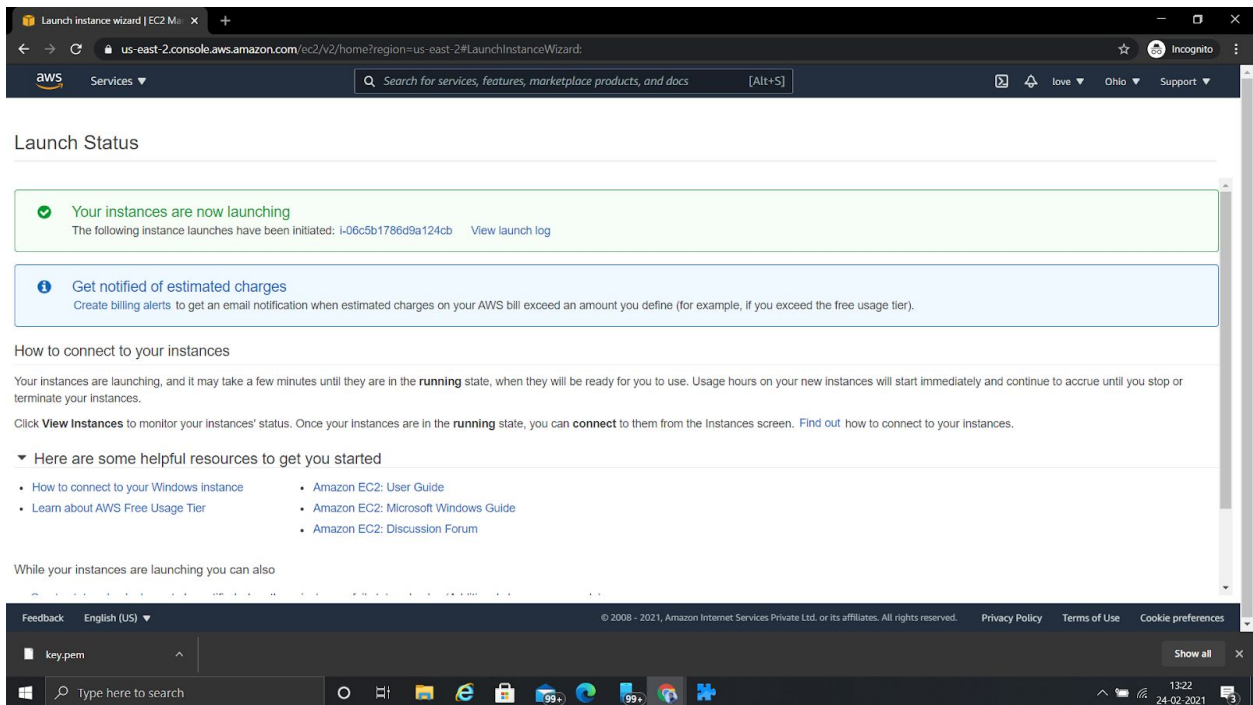
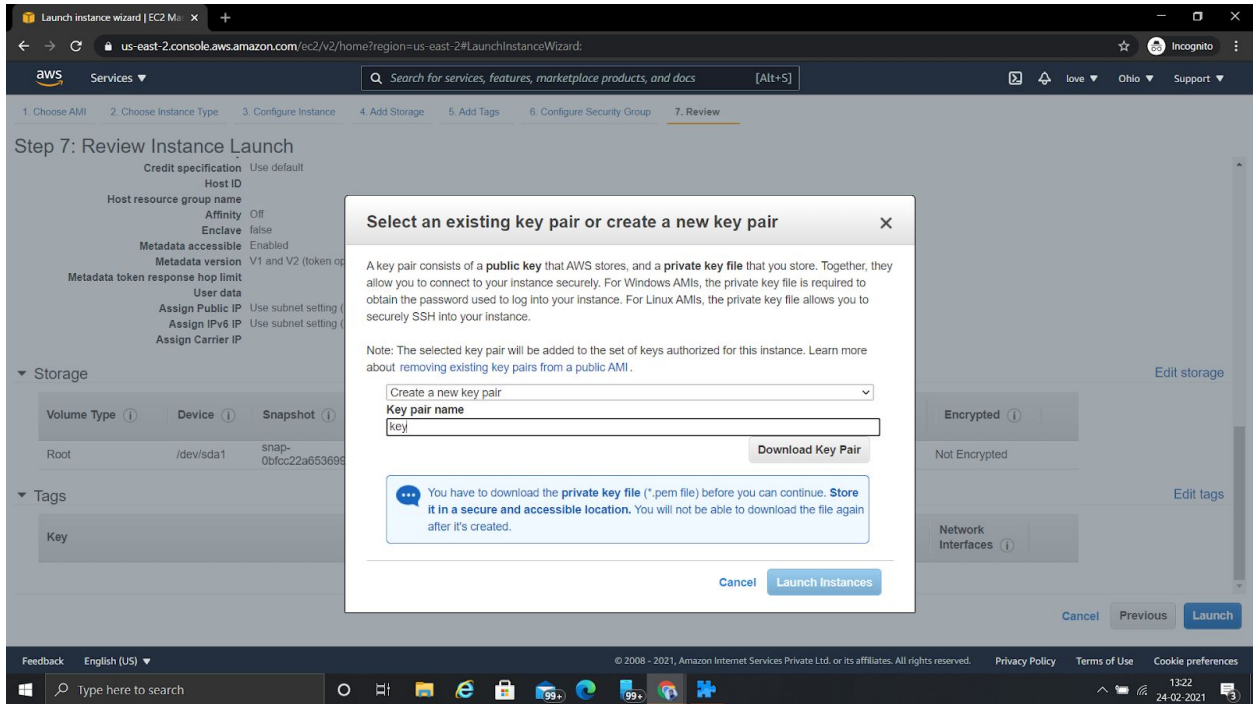
EBS-optimized No
Monitoring No
Termination protection No
Shutdown behavior Stop
Stop - Hibernate behavior Disabled

Capacity Reservation
IAM role None
Domain join directory None
Tenancy Shared - Run a shared hardware instance
Credit specification Use default

Host resource group name
Affinity Off
Enclave false

Edit instance details

Cancel Previous Launch



Instances | EC2 Management Console | us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:

Welcome to the new instances experience! We're redesigning the EC2 console to make it easier to use. To switch between the old console and the new console, use the New EC2 Experience toggle above the navigation panel. We'll release updates continuously based on customer feedback.

Successfully terminated i-06c5b1786d9a124cb

Instances (1/1) Info

Filter instances

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DN
<input checked="" type="checkbox"/>	-	i-06c5b1786d9a124cb	Shutting-down	t2.micro	2/2 checks passed	No alarms	us-east-2c	ec2-18-217-11

Instance: i-06c5b1786d9a124cb

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ec2-18-217-111-2...rdp key.pem Show all

Type here to search

Instances | EC2 Management Console | us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:

New EC2 Experience Tell us what you think

EC2 Dashboard New

Events

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Instances New

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

Elastic Block Store

Volumes

Instances (1) Info

Filter instances

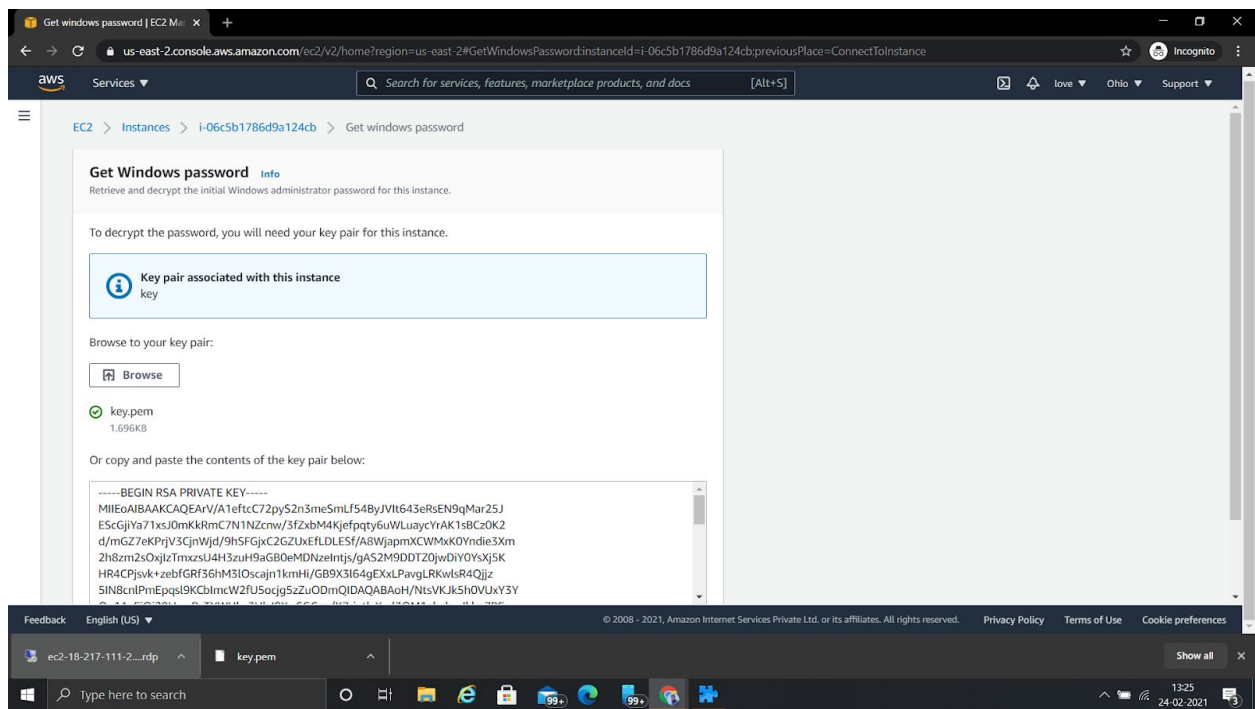
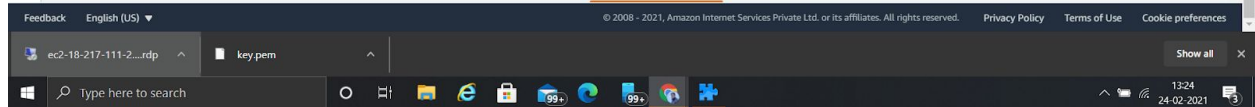
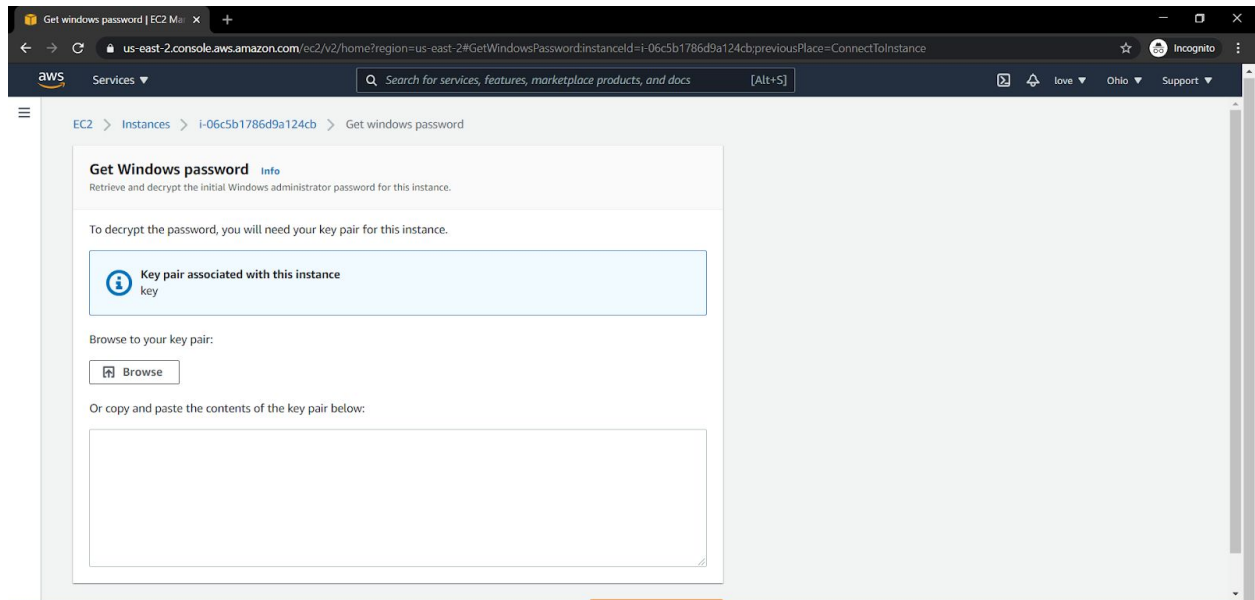
<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DN
<input type="checkbox"/>	-	i-06c5b1786d9a124cb	Running	t2.micro	-	No alarms	us-east-2c	ec2-18-217-11

Select an instance above

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key.pem Show all

Type here to search



Connect to instance | EC2 Manag... X

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#ConnectToInstanceinstanceId=i-06c5b1786d9a124cb

Incognito

aws Services Search for services, features, marketplace products, and docs [Alt+S]

Connect to instance Info

Connect to your instance i-06c5b1786d9a124cb using any of these options

Session Manager RDP client

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

Download remote desktop file

When prompted, connect to your instance using the following details:

Public DNS

ec2-18-217-111-221.us-east-2.compute.amazonaws.com

User name

Administrator

Password

U.FNU3%g6gZvn?Lgurd&InT%z3Gz&oq

If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

Cancel

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ec2-18-217-111-2...rdp key.pem Show all X

Type here to search

13:25 24-02-2021

