

CLOUD COMPUTING

CC-1

Question - 1:

Classes

New folder

aws

Services

Search

[Alt+S]

Name

ec2usecase1

Add additional tags

▼ Application and OS Images (Amazon Machine Image) Info

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

Q Amazon Linux 2

X

AMI from catalog

Quick Start

Amazon Machine Image (AMI)

amzn2-ami-kernel-5.10-hvm-2.0.20230418.0-x86_64-gp2

ami-03c7d01cf4dedc891

Free tier eligible

Verified provider

Browse more AMIs

Including AMIs from AWS, Marketplace and

▼ Summary

Number of instances Info

1

Software Image (AMI)

Amazon Linux 2 AMI (HVM) - Ker...read more

ami-03c7d01cf4dedc891

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 8 GiB

Classes

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[Alt+S]

Instance type

t2.micro

Family: t2 1 vCPU 1 GiB Memory Current generation: true

On-Demand Windows pricing: 0.0162 USD per Hour

On-Demand SUSE pricing: 0.0116 USD per Hour

On-Demand RHEL pricing: 0.0716 USD per Hour

On-Demand Linux pricing: 0.0116 USD per Hour

▼ Key pair (login) Info

You can use a key pair to securely connect to your instance. Ensure the instance.

Key pair name - required

ec2usecase1

▼ Network settings Info

Key pairs allow you to connect to your instance securely.

Enter the name of the key pair below. When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. [Learn more](#)

Key pair name

ec2usecase

The name can include upto 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type

☒ RSA

RSA encrypted private and public key pair

☐ ED25519

ED25519 encrypted private and public key pair (Not supported for Windows instances)

Private key file format

☐ .pem

For use with OpenSSH

3.0.2...read more

type)

ClassesNew folder

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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 groupSelect existing security group

We'll create a new security group called 'launch-wizard-1' with the following rules:

☒ Allow SSH traffic from

Helps you connect to your instance

Anywhere0.0.0.0/0

☐ 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 2023 AMI 2023.0.2...read more

ami-02396cdd13e9a1257

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 8 GiB

ClassesNew folder

awsServicesSearch[Alt+S]

New EC2 Experience

EC2 Dashboard

EC2 Global View

Events

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Instances (1/1) Info

Find instance by attribute or tag (case-sensitive)

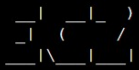
<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status
<input checked="" type="checkbox"/>	ec2usecase1	i-07e12804a3d02b277	Running	t2.micro	-	No alarms

Instance: i-07e12804a3d02b277 (ec2usecase1)

DetailsSecurityNetworkingStorageStatus checksMonitoringTags

Instance summary Info

Instance ID	Public IPv4 address	Private IPv4 addresses
i-07e12804a3d02b277 (ec2usecase1)	3.88.177.71 open address	172.31.94.166



Amazon Linux 2 AMI

```
https://aws.amazon.com/amazon-linux-2/  
1 package(s) needed for security, out of 1 available  
Run "sudo yum update" to apply all updates.  
[ec2-user@ip-172-31-24-60 ~]$
```