



[← Go Back to Cloud Computing on AWS](#)

[☰ Course Content](#)

# AWS Week 1 Quiz

Type	:	Graded Quiz
Attempts	:	1/3
Questions	:	10
Time	:	30m
Scoring Policy	:	Highest Score
Due Date	:	Apr 27, 11:00 PM
Your Score	:	25/25

Instructions

▼

RETAKE

## Attempt History

Date	Attempt	Marks	
Apr 24, 10:19 PM	1	25	<a href="#">Hide answers</a>

Question No: 1

Correct Answer

If a user selects the availability zone as per the user proximity, it will help

☐ All of the above

☒ To minimize network latency

You Selected

☐ To keep all your data at one place in cloud

☐ To be able to visit the datacenter to check your data

### Question No: 2

Correct Answer

A user is unable to log in via SSH into an EC2 instance. What could be the possible reasons for this?

☐ Port 22 has not been opened for the instance

☒ All of these

You Selected

☐ .pem file is in another folder

☐ .pem file has elevated user permissions

Explanation: The pem file needs to be read-only permissions for the user only and must be in the same directory as the one where the SSH attempt is made. Port 22 also needs to be open for the instance.

### Question No: 3

Correct Answer

What is not required to ssh to an instance on cloud?

☒ Name of the instance

You Selected

☐ User is given access permission

☐ All of these

☐ Key Pair

#### Question No: 4

Correct Answer

An eCommerce company experiences web traffic during the sale period while it regularly has a predictable amount of traffic. Which is the most cost-effective solution to run uninterrupted business

☒ Use reserved instances for the predictable traffic and spot instances for the sale period

You Selected

☐ Use spot instances always

☐ Use on demand instances for regular traffic and spot instances for the sale period

☐ Use on demand instances always

#### Question No: 5

Correct Answer

Where can we add scripts to run when an instance is being launched?

☐ subnet field☐ Configuration file☒ user data field

You Selected

☐ Not possible to do that**Question No: 6**

Correct Answer

Which of the following can be used for quick handling of a number of batch jobs on a short-term basis and reducing costs?

☐ On-demand Instances☐ Reserved Instances☒ Spot Instances

You Selected

☐ None of these

Explanation: A fleet of spot instances will provide the most cost-effective solution for a stateless, fault-tolerant use-case like batch jobs

**Question No: 7**

Correct Answer

If your organization does not allow shared tenancy as per security compliance policies, which of the following EC2 features would you take advantage of?

☐ Singular Instances☒ Dedicated hosts

You Selected

☐ Placement Group☐ Reserved Instances

Explanation: Using a dedicated hosts will allocate a dedicated physical server for your instances

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**Question No: 8**

Correct Answer

How many roles can be attached to an EC2 instance?

☐ Depends on the service☒ 1

You Selected

☐ None of these☐ As many as required

Explanation: Only 1 role is allowed per instance.

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**Question No: 9**

Correct Answer

Let's consider an EC2 instance with a startup script to install and configure some software. If the user makes manual changes to the software configuration and reboots the instance, which of the following errors is likely to occur if the script ignores the non-transient nature of the instance? Also, assume the cloud-init is customized to run user data every time.

- ☐ The script will crash
- ☒ All manual changes made by the user will be reset

You Selected

- ☐ None of these
- ☐ The software will be deleted

Explanation: The startup script will keep on applying the same configuration settings every time the instance is restarted, unless it is specifically asked to check if the software is already installed and configured.

#### Question No: 10

Correct Answer

An application developer used 6 EC2 instances, 2 each in London, Mumbai, and Oregon for geographical diversity to host his application and now wants to add the instances to a load balancer. Which of the following errors will he encounter while trying to accomplish this?

- ☐ A load balancer cannot handle 6 instances
- ☐ None of these
- ☐ EC2 instances cannot be used to host applications
- ☒ The instances in a load balancer cannot span across multiple regions

You Selected

Explanation: All the instances added to a load balancer must be in the same region

[< Previous](#)[Next >](#)

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