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## AWS Week 2 Quiz

Type	:	Graded Quiz
Attempts	:	3/3
Questions	:	10
Time	:	30m
Scoring Policy	:	Highest Score
Due Date	:	May 10, 11:00 PM
Your Score	:	22.50/25

Instructions

▼

### Attempt History

Attempt #3

Marks: 22.50

May 02, 4:57 PM

▲

Q No: 1

Correct Answer

A startup XYZ is launching its web server on cloud. It is not sure of the total number of users accessing the system it will experience but do not want to risk their services slowing down. What should they use?

☐ Reserved instances

☒ Autoscaling

You Selected

☐ Load Balancing

☐ General purpose I/O

Q No: 2

Correct Answer

Which of the following storage solutions would be a better fit for a distributed application spanning a

large number of EC2 instances and performing in-memory analytics jobs on a large dataset.

☐ EBS

☒ EFS

You Selected

☐ Instance Store

☐ None of these

Explanation: EFS is perfect for high I/O jobs spanning multiple servers or instances

Q No: 3

Correct Answer

A banking organization has a requirement to keep their data highly secure. They prefer to segregate their data including but not limited to other organizations on cloud. Which tenancy option goes best for them?

☐ Dedicated network

☐ Shared

☒ Dedicated Hosts

You Selected

☐ Multi tenancy

Q No: 4

Correct Answer

File sharing system that provides massively parallel shared access to thousands of Amazon EC2 instances with minimal latency

☐ EBS

☐ Instance Store

☒ EFS

You Selected

☐ S3

Q No: 5

Correct Answer

Which of the following options is best to check for an added object in an S3 bucket?

☐ Use a Python script with an infinite loop

☒ Set up an event notification for a PUT event

You Selected

☐ None of these

☐ Set up a cron job in a bash script to count the number of objects in the bucket

Explanation: SNS notifications can be set up to send an alert whenever an object is added to a bucket in S3.

Q No: 6

Correct Answer

As an educational organization, which of the following storage options would you use to store records of past students that have to be retrieved only once a year for alumni meets?

☒ Standard-Infrequent Access

You Selected

☐ Reduced Redundancy Storage

☐ Standard

☐ Tape Storage on Prem

Explanation. Standard-Infrequent Access storage will provide the most cost-effective storage for data which is not retrieved frequently while providing the same resiliency as Standard storage

Q No: 7

Correct Answer

For a sensor network which transmits daily data to be collected by an application server at predictable intervals, which of the following autoscaling policies would be a better fit to meet this type of workload?

☐ None of these

☒ Set to a fixed value

You Selected

☐ Scale by percentage

☐ Variable group size

Explanation: For predictable workload spikes, a fixed increase in the number of servers would yield better results than scaling as required

Q No: 8

Correct Answer

What storage is the best to host a static website?

☐ Instance Store

☐ EFS

☒ S3

You Selected

☐ EBS

Q No: 9

Correct Answer

Let's assume a manually created target group of 5 EC2 instances, monitored for autoscaling with a minimum contribution of 2 instances and a step size of 1 instance for scaling up and down. What is the minimum number of EC2 instances that will be active at any point of time in the target group if utilization thresholds are not breached?

☐ None of these

☐ 2

☒ 7

You Selected

☐ 5

Explanation: Number of instances =5(Manually created)+2(Minimum contribution from the autoscaling group)=7

Q No: 10

Incorrect Answer

Which of the following options would be optimal to host a landing page displaying a static pamphlet for an event?

☐ S3

☐ None of these

☒ Cloudfront

You Selected

☐ EC2

Explanation: S3 can be configured to host static web sites and will return an endpoint URL which can be used as the website URL

Attempt #2

May 02, 4:50 PM

Marks: 20



Attempt #1

May 02, 4:38 PM

Marks: 20



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