End of Course Assessment

LATEST SUBMISSION GRADE

100%

1. What is AWS Trusted Advisor? **1 / 1 point**

   ○ Partner program that helps you validate your application deployment

   ◉ Online tool that helps you configure resources to follow best practices

   ○ AWS service that helps you manage access to your account

   ○ Professional Services offering that helps you migrate to the cloud

   > ✓ **Correct**
   > Please refer to the 'Cost Management on AWS Notes' in this module for more information.

2. What is the AWS term for physically distinct groups of data centers? **1 / 1 point**

   ◉ Availability Zone

   ○ Edge location

   ○ Cluster

   ○ Region

   > ✓ **Correct**
   > Please refer to the 'AWS Infrastructure Part 2' video in this module for more information.

3. Who owns and maintains the infrastructure required for application services for customers to provision and use? **1 / 1 point**

   ○ Dev Ops

   ◉ Amazon Web Services

   ○ System Administrators

   ○ AWS customers

   > ✓ **Correct**
   > Please refer to the 'Security in AWS' video in this module for more information.

4. An AMI is a template that contains a software configuration such as an operating system, application server, and applications.

1 / 1 point

- ⊙ True
- ○ False

✓ **Correct**
Please refer to the 'Amazon Elastic Compute Cloud (EC2)' video for more information.

5. Which of the following statements best describes Auto Scaling?

1 / 1 point

- ○ Pre-configured templates for your instances that package the bits you need for your server
- ○ Provides high throughput and low latency
- ○ Monitors the usage of AWS resources to manage load balancing
- ⊙ Increases or decreases compute resources on demand to meet your deployment needs and minimize costs

✓ **Correct**
Please refer to the 'AutoScaling' video for more information.

6. Which of the following statements best describes Amazon RDS?

1 / 1 point

- ○ An in-memory caching service.
- ○ A very high throughput, very low latency, fast NoSQL database service.
- ○ A fast, fully managed, petabyte-scale data warehouse solution used to efficiently analyze all your data using your existing business intelligence tools.
- ⊙ A database engine that can be used with MySQL server, Oracle, Microsoft SQL server, PostgreSQL, and Amazon Aurora.

✓ **Correct**
Please refer to the 'Amazon RDS Notes' in this module for more information.

7. Unlike RDS, with Amazon DynamoDB you don't need to define the underlying hardware you're running your database on.

1 / 1 point

- ○ False
- ⊙ True

✓ **Correct**
Please refer to the 'Amazon DynamoDB' video for more information.

8. What type of storage is Amazon S3 used for?

1 / 1 point

- ⦿ Object
- ○ Image
- ○ Block
- ○ File

✓ **Correct**
Please refer to the 'Introduction to Storage on AWS' video in this module for more information.

9. Databases and EC2 instances are most performant using block-level storage.

1 / 1 point

- ⦿ True
- ○ False

✓ **Correct**
Please refer to the 'Introduction to Storage on AWS' video in this module. You can skip ahead to 2 minutes and 30 seconds into the video to learn more about block-level storage.

10. You've uploaded a PDF document to your S3 bucket. When you try to access the object's URL, you get an error. What could be the cause of this error?

1 / 1 point

- ⦿ Your object doesn't have public read access.
- ○ You can't upload a PDF document to S3.
- ○ Your object doesn't have private read access.
- ○ You've exceeded the maximum upload size.

✓ **Correct**
Please refer to the 'Amazon S3 Demonstration' video in this module. You can skip ahead to 1 minute and 30 seconds into the video to learn more about accessing an object's URL.

11. What is an advantage of using Amazon EFS over Amazon EBS?

1 / 1 point

- ○ EBS can be attached to multiple EC2 instances simultaneously.
- ○ EFS can only live in one subnet.
- ⦿ EFS can be attached to multiple EC2 instances simultaneously.
- ○ EBS can only live in one subnet.

✓ **Correct**
Please refer to the 'Amazon Elastic File System (Amazon EFS)' video in this module for more information.

12. When creating a VPC, what items must you include? (Select two)   **1 / 1 point**

☐ Security Group

☑ IP Range

> ✓ **Correct**
> Please refer to the 'Amazon Virtual Private Cloud (VPC) Part 1' video in this module. You can skip ahead to 2 minutes and 52 seconds into the video to learn what two items must be included in a VPC.

☐ Internet Gateway

☑ Region

> ✓ **Correct**
> Please refer to the 'Amazon Virtual Private Cloud (VPC) Part 1' video in this module. You can skip ahead to 2 minutes and 52 seconds into the video to learn what two items must be included in a VPC.

13. Which of the following is NOT an advantage of AWS cloud computing over on-premise computing?   **1 / 1 point**

◉ Large upfront investments in physical servers

◯ Pay-as-you-go pricing

◯ Broad selection of hardware and software resources over the internet

◯ Provision compute capacity on-demand

> ✓ **Correct**
> This is only true for a traditional on-premise environment.

14. Which AWS service allows you to use compute capacity without worrying about provisioning or managing underlying hardware?   **1 / 1 point**

◉ Amazon Lightsail

◯ Amazon S3

◯ Amazon DynamoDB

◯ Amazon ECS

> ✓ **Correct**
> Please refer to the 'Introduction to Amazon Lightsail' video in this module for more information.

15. According to the lecture, why does AWS exist?   1 / 1 point

○ To replace all your hardware

○ To replace your entire IT department

○ To create more server space

● To eliminate heavy-lifting tasks for your IT department

✓ **Correct**
Please refer to the 'AWS Overview' video in this module. You can skip ahead to 1 minute and 12 seconds into the video to learn why AWS exists.