**AWS Fundamentals: Migrating to the Cloud**

Question 1

In which phase do you analyze the dependencies between your applications and begin to think about which migration type is most suitable for each dependency?



P​hase 2: Portfolio Discovery and Planning

2.

Question 2

What framework helps you build a comprehensive approach to a successful cloud computing migration across your organization, and throughout your IT lifecycle?

**1 / 1 point**



AWS Cloud Adoption Framework

3.

Question 3

Which migration strategy is commonly referred to as “lift and shift”, where you’re trying to move your applications or environments into the cloud while trying to make as few changes as possible?

**1 / 1 point**



Rehost

4.

Question 4

In which migration strategy are you typically driven by strong business needs to add features, scale, or increase performance that would otherwise be difficult in an existing environment?

**1 / 1 point**



Refactor or Rearchitect

**Correct**

5.

Question 5

Which type of scaling gives you the ability to add more servers in order to distribute load across resources and maintain operations without overloading any singular resource?

**1 / 1 point**



Horizontal scaling

1.

Question 1

True or false: Understanding your database is one of the most crucial steps of migrating your database. Things like the size, schema, types of tables, and engine-specific limitations are usually topics that need to be regularly discussed and reviewed.

**1 / 1 point**



T​rue

**Correct**

2.

Question 2

What are the benefits of leveraging AWS SMS to manage your server migration? Select 3 answers.

**0 / 1 point**



Schedule the replication of your servers

**Correct**



Automate the migration of your on-premises VMware vSphere, Microsoft Hyper-V/SCVMM, and Azure virtual machines to the AWS Cloud

**Correct**

You didn’t select all the correct answers

3.

Question 3

What AWS service provides a single location to track the progress of application migrations across multiple AWS and partner solutions?

**1 / 1 point**



AWS Migration Hub

**Correct**

4.

Question 4

Which discovery method deploys the AWS Application Discovery Agent on each of your VMs and physical servers to collect static configuration data, detailed time-series system-performance information, inbound and outbound network connections, and processes that are running?

**1 / 1 point**



Agent-based discovery

**Correct**

5.

Question 5

Which of the following are examples of unmanaged cloud data migration tools that are easy, one-and-done methods to move data at small scales from your on-premises environment into Amazon cloud storage? Select 3 answers.

**1 / 1 point**



Amazon S3 Glacier command line interface

**Correct**



rsync

**Correct**



Amazon S3 command line interface

**Correct**

1.

Question 1

True or false: VPN provides a secure connection between environments for transfer of data.

**1 / 1 point**



T​rue

**Correct**

2.

Question 2

What AWS service gives you the ability to control the amount of traffic going to multiple DNS endpoints?

**1 / 1 point**



Amazon Route 53

**Correct**

3.

Question 3

What AWS service helps you to perform schema changes while migrating your database?

**1 / 1 point**



AWS Schema Conversion Tool

**Correct**

4.

Question 4

What is a requirement when using AWS DataSync?

**1 / 1 point**



AWS DataSync Agent



**Correct**

5.

Question 5

What is a primary best practice to follow when building and optimizing your migrated environment in AWS?

**1 / 1 point**



Avoid single points of failure



1.

Question 1

What AWS service provides consulting, support, training, and service credits in order to reduce associated risks with migrating to the cloud?

**1 / 1**



AWS Migration Acceleration Program



**Correct**

2.

Question 2

True or false: A large majority of AWS services and tools have directly accessible APIs that you can use for creating, configuring, and managing the services you employ.

**1 / 1 point**



True



**Correct**

3.

Question 3

What AWS migration service converts any application running on a supported operating system to enable full functionality on AWS without compatibility issues?

**1 / 1 point**





CloudEndure Migration



**Correct**

4.

Question 4

True or false: TSO Logic provides discovery of your existing workloads to help identify what you consume in regards to compute, storage, database, and other resources to help you evaluate what your Total Cost of Ownership, or TCO, is for various applications.

**1 / 1 point**



True

**Correct**

5.

Question 5

Which of the following choices are part of the 6 Rs discussed in the course? Select three.

**1 / 1 point**



Rehost

**Correct**



Replatform

**Correct**



Retain

**Correct**