

Your grade: 100%

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Next item →

1. What is an example of rehosting an application? 1 / 1 point
 - ☐ Before moving an application to the cloud, the application is rewritten in a new programming language.
 - ☐ During a migration, older applications are discovered. They are no longer needed and can be turned off.
 - ☐ A containerized application can be moved from on premises to the cloud without making any changes.
 - ☒ All on-premises applications and resources can be easily moved to the cloud except for the load balancers. The existing load balancers are replaced by Elastic Load Balancing (ELB) load balancers.

Correct
With rehosting (also known as lift and shift), applications are moved to the cloud without making any changes to take advantage of cloud capabilities.
2. Which of the following are steps in creating a migration plan? [Choose TWO.] 1 / 1 point
 - ☒ Determining service migration path

Correct
In the early stages of migration planning, it is important to determine the service migration path by assessing the on-premises resources you have, and deciding which of these resources will be migrated to the cloud.

 - ☐ Creating a reverse migration plan back to the data center
 - ☐ Creating the shortest possible migration timeline to encourage a faster migration
 - ☒ Communicating your plan to coworkers

Correct
It is also important to communicate the migration plan to all stakeholders because successful migrations require significant contributions from many different parts of the business.

 - ☐ Increasing on-premises capacity through hardware acquisition
3. Which statement about the AWS shared responsibility security model is TRUE? 1 / 1 point
 - ☒ AWS is responsible for security of the cloud, and the customer is responsible for security in the cloud.
 - ☐ Security is a responsibility fully shared between the AWS Partners and the customer.
 - ☐ Security is entirely the responsibility of AWS, and is verified by auditors.
 - ☐ Security is the shared responsibility of the customer and their chosen third-party security providers.

Correct
AWS is responsible for protecting the infrastructure that runs all the services that are offered in the AWS Cloud. Customers are responsible for protecting their data, securing networks and firewalls, performing identity and access management, and (depending on the service) managing operating systems and applications. For more information, see Shared Responsibility Model (<https://aws.amazon.com/compliance/shared-responsibility-model/>).
4. What does AWS Prescriptive Guidance provide to customers? 1 / 1 point
 - ☐ A fully automated migration tool
 - ☒ Strategies, methodologies, and frameworks for cloud migration and modernization
 - ☐ Direct access to the AWS Migration team
 - ☐ A single location to inventory assets and track migration of applications

Correct
AWS Prescriptive Guidance provides time-tested strategies, guides, and patterns to help accelerate the customer's cloud migration, modernization, and optimization projects.
5. Which of the following is a stage in the assessing process? 1 / 1 point
 - ☐ Rebuild
 - ☒ Foundation
 - ☐ Re-evaluation
 - ☐ Mitigation

Correct
When organizations contemplate large-scale migration to AWS, they generally fall somewhere along the path of what is called the stages of adoption, which has four stages: project, foundation, migration, and reinvention.
6. Which AWS Migration Evaluator tool is designed to provide visibility into inventory and resource utilization data with a high level of accuracy? 1 / 1 point
 - ☐ Mobilization assessment
 - ☒ Inventory discovery
 - ☐ Content evaluation
 - ☐ Application discovery

Correct
Migration Evaluator offers an agentless collector that can help with collecting information about existing inventory and resource utilization data. For more information, see Migration Evaluator resources (<https://aws.amazon.com/migration-evaluator/resources/>).
7. What does AWS Migration Hub provide? 1 / 1 point
 - ☒ A single place to track migrations
 - ☐ A single place to build AWS CloudFormation templates
 - ☐ A bucket for AWS CloudTrail logs
 - ☐ A single place to manage Amazon CloudWatch metrics

Correct
AWS Migration Hub (Migration Hub) provides a single place to discover existing servers, plan migrations, and track the status of each application migration.

8. What is a requirement for doing an agentless installation of the AWS Application Discovery Service Agent? 1 / 1 point

- ☒ Using VMware vCenter
- ☐ Using Lambda functions
- ☐ Using serverless servers on premises
- ☐ Using Amazon Elastic Compute Cloud (Amazon EC2) instances

☒ **Correct**

The AWS Agentless Discovery Connector (Discovery Connector) is a VMware appliance that can collect information only about VMware virtual machines (VMs). You install the Discovery Connector as a VM in your VMware vCenter Server environment by using an Open Virtualization Archive (OVA) file.

9. Which networking service transfers large, ongoing amounts of data between a customer's data center and the cloud? 1 / 1 point

- ☒ AWS Direct Connect
- ☐ AWS Snowmobile
- ☐ Virtual private network (VPN)
- ☐ Internet gateway

☒ **Correct**

AWS Direct Connect links a customer's internal network to an AWS Direct Connect location over a standard Ethernet fiber-optic cable. With this connection, you can create virtual interfaces directly to public AWS services or Amazon VPC, bypassing internet service providers in your network path.

10. What is a task that is performed by AWS Application Discovery Service? 1 / 1 point

- ☐ Launch replacement applications
- ☐ Expand the size of Amazon Simple Storage Service buckets
- ☒ Organize instances into application groups
- ☐ Remove unwanted resources

☒ **Correct**

Server data is retained in the AWS Application Discovery Service, where it can be tagged and grouped into applications to help organize AWS migration planning.

11. What is a task that is performed by AWS Application Migration Service? 1 / 1 point

- ☒ Create test environments for an application
- ☐ Migrate databases to Amazon Relational Database Service (Amazon RDS)
- ☐ Create a map of application dependencies
- ☐ Migrate applications into containers

☒ **Correct**

Before you use AWS Application Migration Service, you need to ensure that your environments are prepared and set accordingly.

12. What is the goal of the mobilize phase in a migration? 1 / 1 point

- ☐ Migrate your applications
- ☐ Migrate your data and evaluate your applications
- ☒ Create a migration plan and refine your business case
- ☐ Create mobile-compatible applications to prepare for modernization

☒ **Correct**

Although the goal of the mobilize phase is the migration of business applications, this phase also provides an opportunity to lay the foundation for tooling, process, and culture that will accelerate migration at scale.

13. Which service automatically collects and presents detailed information about application dependencies and utilization? 1 / 1 point

- ☐ AWS CloudTrail
- ☐ AWS Direct Connect
- ☒ AWS Application Discovery Service
- ☐ Amazon Relational Database Service

☒ **Correct**

AWS Application Discovery Service helps enterprise customers plan migration projects by gathering information about their on-premises data centers.

14. Which service creates standardized application templates that can be deployed by the end user? 1 / 1 point

- ☐ AWS Systems Manager
- ☒ AWS Service Catalog
- ☐ Amazon CloudFront
- ☐ AWS Migration Hub

☒ **Correct**

AWS Service Catalog helps you create and manage infrastructure as code (IaC) templates that are approved for use on AWS. With AWS Service Catalog, anyone can discover approved, self-service cloud resources.

15. What is one benefit of using AWS Database Migration Service (AWS DMS)? 1 / 1 point

- ☐ AWS DMS only supports migrating MySQL databases
- ☐ AWS DMS only supports homogeneous migrations
- ☒ AWS DMS allows the source database to remain fully operational during migration.
- ☐ AWS DMS does not support heterogeneous migrations.

☒ **Correct**

AWS DMS helps migrate databases to AWS quickly and securely. The source database remains fully operational during the migration, minimizing downtime to applications that rely on the database.

16. Which service transfers data from physical tapes to virtual tapes in AWS, and does not require changing existing backup workflows?

1 / 1 point

- ☐ AWS Storage Gateway Volume Gateway
- ☒ AWS Storage Gateway Tape Gateway
- ☐ AWS Storage Gateway File Gateway
- ☐ Amazon Elastic Block Store (Amazon EBS)

☒ **Correct**

You can use Tape Gateway to replace using physical tapes on premises with virtual tapes in AWS without changing existing backup workflows.

17. Which of the following is a collection of devices that are primarily used for migrating data between environments, such as moving data from on-premises environments into the AWS Cloud?

1 / 1 point

- ☐ AWS Transfer Family
- ☐ Amazon Elastic Compute Cloud (Amazon EC2) instance types
- ☒ AWS Snow Family
- ☐ AWS management and governance services

☒ **Correct**

The AWS Snow Family is a collection of physical devices that help migrate large amounts of data into and out of the cloud without depending on networks.

18. Which AWS service tracks the overall progression of the migration process?

1 / 1 point

- ☐ AWS Control Tower
- ☐ AWS CloudFormation
- ☒ AWS Migration Hub
- ☐ AWS Database Migration Service (AWS DMS)

☒ **Correct**

AWS Migration Hub is the one destination for cloud migration and modernization, giving you the tools you need to accelerate and simplify your journey with AWS.

19. Which of the following is one of the 7Rs of migration?

1 / 1 point

- ☐ Reautomate
- ☒ Replatform
- ☐ Reanimate
- ☐ Reallocate

☒ **Correct**

The seven common migration strategies (7 Rs) for moving applications to the AWS Cloud are refactor, replatform, repurchase, rehost, relocate, retain, and retire.