

1. Amazon Simple Storage Service (Amazon S3) is an object storage suitable for the storage of flat files like Microsoft Word documents, photos, etc.

☒

True

☐

False

2. Amazon S3 replicates all objects_____.

☒

in multiple Availability Zones within the same region

☐

on multiple S3 buckets

☐

across multiple Regions for high durability

☐

on multiple volumes within an Availability Zone

3. Which of the following can be used as a storage class for an S3 object lifecycle policy? (Choose three)

☐

S3 - Reduced Redundancy Storage

☒

S3 - Standard Access

☒

S3 - Infrequent Access

☒

Simple Storage Service Glacier

4. The name of an S3 bucket must be unique_____.

☒

worldwide across all AWS accounts

☐

within a Region

☐

within your AWS account

☐

across all your AWS account

5. You can use Amazon Elastic File System (Amazon EFS) to:

☐

generate user-specific content.

☐

host a robust CDN to deliver entire web sites with dynamic, static, and streaming content.

☐

provide simple, scalable, elastic file storage for use only within AWS.

☒

implement storage for Amazon EC2 instances that multiple virtual machines can access at the same time.

6. Amazon Elastic Block Store (Amazon EBS) is recommended when data ____ and _____. Choose 2

☒

must be quickly accessible, requiring long-term persistence

☐

requires object-level storage

☒

requires an encryption solution

☐

needs to be stored in a different Availability Zone than the one the EC2 instance is in

7. By default, all data stored in Amazon S3 is viewable by the public

☒

False

☐

True

8. Regarding Amazon S3 Glacier, what is a Vault?

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The rules that determine who may (or may not) access archives

☒

A container for strong archives

☐

A policy that identifies who can access content stored in Glacier

☐

An object (photos, videos, files, or documents)

9. When you create a bucket in Amazon S3, it is associated with a specific AWS Region.

☒

True

☐

False

10. Which of the following are features of Amazon Elastic Block Store (Amazon EBS)? (Choose two)

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Amazon EBS data is automatically backed up to tape.

☐

Data on an Amazon EBS volume is lost when the attached instance is stopped.

☒

Data stored on Amazon EBS is automatically replicated within an Availability Zone.

☒

Amazon EBS volumes can be encrypted transparently to workloads on the attached instance.

11. What is AWS Site-to-Site VPN?

☒

A solution that provides a connection between a VPC and an on premises network by using IPsec

☐

A solution that provides encrypted sessions between AWS and on-premises systems by using TLS

☐

A service that provide SSL-encrypted links between websites in AWS

☐

A service that provides the ability to access AWS and on-premises network by using OpenVPN clients

12. What does AWS Direct Connect provide?

- | | | | |
|-------------------------------------|---|--------------------------|---|
| <input checked="" type="checkbox"/> | A dedicated network connection from an on-premises network to AWS that use 802.1q | <input type="checkbox"/> | An extension of the AWS Cloud into customer data centres that uses AWS hardware installed on premises |
| <input type="checkbox"/> | An encrypted tunnel that connects an on-premises network to AWS over the internet | <input type="checkbox"/> | A private telecommunications circuit from an on-premises network direct into AWS that use Point-to-Point Protocol (PPP) |

13. A company has two VPCs. VPC A has CIDR block of 10.1.0.0/16. VPC B has CIDR block of 10.2.0.0/16. Both VPCs belong to the same AWS account. What is the simplest way to connect the two VPCs so that they can route all traffic between them?

- | | | | |
|-------------------------------------|--------------|--------------------------|----------------------|
| <input type="checkbox"/> | VPC endpoint | <input type="checkbox"/> | AWS Site-to-Site VPN |
| <input checked="" type="checkbox"/> | VPC peering | <input type="checkbox"/> | AWS Direct Connect |

14. Systems in a secure subnet in a VPC must access a bucket in Amazon S3. Which solution stops traffic from crossing the internet?

- | | | | |
|-------------------------------------|---|--------------------------|--|
| <input checked="" type="checkbox"/> | Create a VPC gateway endpoint for Amazon S3 | <input type="checkbox"/> | Create a VPC peering connection to Amazon S3 |
| <input type="checkbox"/> | Use a private IP address for the system | <input type="checkbox"/> | Use the private IP address of Amazon S3 |

15. A company has 3 VPCs. VPCs A, B, and C have CIDR blocks that do not overlaps. Both A and C have separate VPC peering connections with B. However, A cannot communicate with C. What is the simplest and most cost-effective way to enable full communication between A and C?

- | | | | |
|-------------------------------------|---|--------------------------|--|
| <input type="checkbox"/> | Link all 3 VPCs through a transit VPC, and route all traffic through the transit VPC. | <input type="checkbox"/> | Create VPC endpoints in A and C for the individual hosts that need to communicate with each other. |
| <input checked="" type="checkbox"/> | Add a peering connection between A and C, and route traffic between A and C through the peering connection. | <input type="checkbox"/> | Add routes to B to enable traffic between A and C through B. |

16. Because of a natural disaster, a company moved a secondary data centre to a temporary facility with internet connectivity. It needs a secure connection to the company's VPC that must be operational as soon as possible. The data centre will move again in 2 weeks. Which option meets the requirements?



AWS Site-to-Site VPN



AWS Direct Connect



VPC peering



VPC endpoints

17. What is the simplest way to connect 100 virtual private clouds (VPCs) together?



Chain VPCs together by using VPC peering



Create a hub-and-spoke network by using AWS VPN CloudHub



Connect each VPC to all the other VPCs by using VPC peering



Connect the VPCs to AWS Transit Gateway

18. A company's security admin requires that EC2 instances in a specific subnet must connect to Amazon DynamoDB through a VPC endpoint. The company's network standards require that the infrastructure support high availability. Which action meets these architecture requirements without adding another subnet?



Associate two VPC endpoints with the subnet and use Elastic Load Balancing



Associate two VPC endpoints with the subnet



Associate a single VPC endpoint with the subnet



Associate VPC endpoints through an Auto Scaling group that is connected to Elastic Load Balancing

19. A company uses a single AWS Direct Connect connection between their on-premises network and their VPC. They want to ensure that the network connectivity is highly available by adding a backup connection. Which network connectivity method provides most cost-effective solution for the backup connection?



An on-demand AWS Client VPN connection across the internet



Another AWS Direct Connect connection through the same Direct Connect location



An on-demand AWS Site-to-Site VPN connection across the internet



Another AWS Direct Connect connection through a different Direct Connect location