

NAME : _____

CLASS : _____

DATE : _____

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

- | | |
|--|--|
| <input type="checkbox"/> must be quickly accessible, requiring long-term persistence | <input type="checkbox"/> requires object-level storage |
| <input type="checkbox"/> requires an encryption solution | <input type="checkbox"/> 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

- | | |
|--------------------------------|-------------------------------|
| <input type="checkbox"/> False | <input type="checkbox"/> True |
|--------------------------------|-------------------------------|

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

- | | |
|--|--|
| <input type="checkbox"/> The rules that determine who may (or may not) access archives | <input type="checkbox"/> A container for strong archives |
| <input type="checkbox"/> A policy that identifies who can access content stored in Glacier | <input type="checkbox"/> An object (photos, videos, files, or documents) |

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

- | | |
|-------------------------------|--------------------------------|
| <input type="checkbox"/> True | <input type="checkbox"/> False |
|-------------------------------|--------------------------------|

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

- | | |
|---|---|
| <input type="checkbox"/> Amazon EBS data is automatically backed up to tape. | <input type="checkbox"/> Data on an Amazon EBS volume is lost when the attached instance is stopped. |
| <input type="checkbox"/> Data stored on Amazon EBS is automatically replicated within an Availability Zone. | <input type="checkbox"/> Amazon EBS volumes can be encrypted transparently to workloads on the attached instance. |

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

- | | |
|--|---|
| <input type="checkbox"/> A solution that provides a connection between a VPC and an on premises network by using IPsec | <input type="checkbox"/> A solution that provides encrypted sessions between AWS and on-premises systems by using TLS |
| <input type="checkbox"/> A service that provide SSL-encrypted links between websites in AWS | <input type="checkbox"/> 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 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 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 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 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?

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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?

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Chain VPCs together by using VPC peering

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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?

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

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Associate two VPC endpoints with the subnet

☐

Associate a single VPC endpoint with the subnet

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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?

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An on-demand AWS Client VPN connection across the internet

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Another AWS Direct Connect connection through the same Direct Connect location

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

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Another AWS Direct Connect connection through a different Direct Connect location