

NAME : _____

CLASS : _____

DATE : _____

1. Which component of the AWS Global Infrastructure does Amazon Cloudfront use to ensure low-latency delivery?

☐

AWS Regions

☐

AWS edge locations

☐

AWS Availability Zones

☐

Amazon Virtual Private Cloud (Amazon VPC)

2. You can run applications and workloads from a Region closer to the end users to _____ latency

☐

increase

☐

decrease

3. Networking, storage, compute, and databases are examples of service categories that AWS offers.

☐

False

☐

True

4. Which of the following are geographic areas that host two or more Availability Zones?

☐

AWS Origins

☐

AWS Regions

☐

Compute zones

☐

Edge locations

5. ____ means the infrastructure has built-in component redundancy and ____ means that resources dynamically adjust to increases or decreases in capacity requirements.

☐

Fault tolerant, elastic and scalable

☐

Elastic and scalable, no human intervention

☐

Fault tolerant, no human intervention

☐

No human intervention, fault tolerant

6. Availability Zones within a Region are connected through low-latency links.

☐

True

☐

False

7. Which of these statements about Availability Zones is not true?

- | | |
|--|---|
| <input type="checkbox"/> Availability Zones are made up of one or more data centers. | <input type="checkbox"/> Availability Zones are connected to each other using high-speed private links. |
| <input type="checkbox"/> Availability Zones are designed for fault isolation. | <input type="checkbox"/> A data center can be used for more than one Availability Zone. |

8. What is true about Regions? (Choose two.)

- | | |
|--|--|
| <input type="checkbox"/> They are the physical locations of your customers. | <input type="checkbox"/> All Regions are located in one specific geographic area. |
| <input type="checkbox"/> Each Region is located in a separate geographic area. | <input type="checkbox"/> A Region is a physical location that has multiple Availability Zones. |

9. AWS highly recommends provisioning your compute resources across ____ Availability Zones.

- | | |
|-----------------------------------|---------------------------------|
| <input type="checkbox"/> multiple | <input type="checkbox"/> single |
| <input type="checkbox"/> no | <input type="checkbox"/> all |

10. Edge locations are only located in the same general area as Regions.

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

11. Amazon Simple Storage Service (Amazon S3) provide a good solution for which of the following use cases?

- | | |
|---|--|
| <input type="checkbox"/> A cluster for traditional Apache Spark and Apache Hadoop installations to process big data | <input type="checkbox"/> An internet-accessible storage location for video files that an external website accesses |
| <input type="checkbox"/> A data warehouse for business intelligence | <input type="checkbox"/> Hourly storage of frequently accessed temporary files |

12. A company is interested in using Amazon Simple Storage Service (Amazon S3) alone to host their website, instead of a traditional web server. Which types of content does Amazon S3 support for static web hosting? (Select THREE.)

- | | |
|--|---|
| <input type="checkbox"/> Video and sound files | <input type="checkbox"/> Client-side scripts |
| <input type="checkbox"/> Server-side scripts | <input type="checkbox"/> HTML files and image files |

13. Which scenarios represent a good use for Amazon Simple Storage Service (Amazon S3)? (Select TWO.)

- | | |
|---|--|
| <input type="checkbox"/> Backing up critical data | <input type="checkbox"/> Storing computation and analytics data |
| <input type="checkbox"/> Housing the root volume of a live operating system | <input type="checkbox"/> Exposing a virtual tape library to on-premises backup systems |

14. A company wants to use an S3 bucket to store sensitive data. Which actions can they take to protect their data? (Select TWO.)

- | | |
|---|--|
| <input type="checkbox"/> Enabling server-side encryption on the S3 bucket after uploading sensitive data | <input type="checkbox"/> Using Secure File Transfer Protocol (SFTP) to connect directly to Amazon S3 |
| <input type="checkbox"/> Enabling server-side encryption on the S3 bucket before uploading sensitive data | <input type="checkbox"/> Using client-side encryption to protect data in transit |

15. A company must create a common place to store shared files. Which requirements does Amazon Simple Storage Service (Amazon S3) support? (Select TWO.)

- | | |
|---|--|
| <input type="checkbox"/> Attach comments to files | <input type="checkbox"/> Recover deleted files |
| <input type="checkbox"/> Maintain different versions of files | <input type="checkbox"/> Lock a file so that only one person at a time can edit it |

16. A customer service team accesses case data daily for up to 30 days. Cases can be reopened and require immediate access for 1 year after they are closed. Reopened cases require 2 days to process. Which solution meets the requirements and is the most cost-efficient?

- | | |
|---|--|
| <input type="checkbox"/> Store case data in S3 Standard. Use a lifecycle policy to move the data into S3 Standard-Infrequent Access (S3 Standard-IA) after 30 days. | <input type="checkbox"/> Store all case data in S3 standard so that it is available whenever needed. |
| <input type="checkbox"/> Store case data in S3 Intelligent-Tiering to automatically move data between tiers based on access frequency. | <input type="checkbox"/> Store case data in S3 Standard. Use a lifecycle policy to move the data into Amazon S3 Glacier after 30 days. |

17. Which Amazon Simple Storage Service (Amazon S3) unaccelerated data transfers have an associated cost? (Select TWO.)

- | | |
|---|---|
| <input type="checkbox"/> IN from the internet | <input type="checkbox"/> OUT to other AWS services in the same Region |
| <input type="checkbox"/> OUT to other AWS Regions | <input type="checkbox"/> OUT to the internet |

18. A company is migrating 100 terabytes (TB) of data from their on-premises data centre to Amazon S3. The company connect AWS by using a single 155 Mbps internet connection. Which data transfer option is the fastest and most cost-effective?

- | | |
|--|--|
| <input type="checkbox"/> AWS Snowball | <input type="checkbox"/> Amazon Management Console |
| <input type="checkbox"/> Amazon S3 multipart uploads | <input type="checkbox"/> AWS Snowmobile |

19. A video producer must regularly transfer several video files to Amazon S3. The files range from 100-700 MB. The internet connection has been unreliable, causing some uploads to fail. Which solution provides the fastest, most reliable, and most cost-effective way to transfer these files to Amazon S3?

- | | |
|--|--|
| <input type="checkbox"/> AWS Snowball | <input type="checkbox"/> AWS Snowmobile |
| <input type="checkbox"/> Amazon S3 multipart uploads | <input type="checkbox"/> Amazon Management Console |

20. Which qualities vary by AWS Region? (Select TWO.)

- | | |
|---|---|
| <input type="checkbox"/> High availability of workloads | <input type="checkbox"/> Service and feature availability |
| <input type="checkbox"/> Data privacy | <input type="checkbox"/> Cost-effectiveness of workload |