

# Review Questions

1. Which of the following designations would refer to the AWS US West (Oregon) region?
  - A. us-east-1
  - B. us-west-2
  - C. us-west-2a
  - D. us-west-2b
2. Which of the following is an AWS Region for which customer access is restricted?
  - A. AWS Admin
  - B. US-DOD
  - C. Asia Pacific (Tokyo)
  - D. AWS GovCloud
3. When you request a new virtual machine instance in EC2, your instance will automatically launch into the currently selected value of which of the following?
  - A. Service
  - B. Subnet
  - C. Availability Zone
  - D. Region
4. Which of the following are *not* globally based AWS services? (Select TWO.)
  - A. RDS
  - B. Route 53
  - C. EC2
  - D. CloudFront
5. Which of the following would be a valid endpoint your developers could use to access a particular Relational Database Service instance you're running in the Northern Virginia region?
  - A. us-east-1.amazonaws.com.rds
  - B. ecs.eu-west-3.amazonaws.com
  - C. rds.us-east-1.amazonaws.com
  - D. rds.amazonaws.com.us-east-1
6. What are the most significant architectural benefits of the way AWS designed its regions? (Select TWO.)
  - A. It can make infrastructure more fault tolerant.
  - B. It can make applications available to end users with lower latency.
  - C. It can make applications more compliant with local regulations.
  - D. It can bring down the price of running.

7. Why is it that most AWS resources are tied to a single region?
  - A. Because those resources are run on a physical device, and that device must live somewhere
  - B. Because security considerations are best served by restricting access to a single physical location
  - C. Because access to any one digital resource must always occur through a single physical gateway
  - D. Because spreading them too far afield would introduce latency issues
8. You want to improve the resilience of your EC2 web server. Which of the following is the most effective and efficient approach?
  - A. Launch parallel, load-balanced instances in multiple AWS Regions.
  - B. Launch parallel, load-balanced instances in multiple Availability Zones within a single AWS Region.
  - C. Launch parallel, autoscaled instances in multiple AWS Regions.
  - D. Launch parallel, autoscaled instances in multiple Availability Zones within a single AWS Region.
9. Which of the following is the most accurate description of an AWS Availability Zone?
  - A. One or more independently powered data centers running a wide range of hardware host types
  - B. One or more independently powered data centers running a uniform hardware host type
  - C. All the data centers located within a broad geographic area
  - D. The infrastructure running within a single physical data center
10. Which of the following most accurately describes a subnet within the AWS ecosystem?
  - A. The virtual limits imposed on the network access permitted to a resource instance
  - B. The block of IP addresses assigned for use within a single region
  - C. The block of IP addresses assigned for use within a single Availability Zone
  - D. The networking hardware used within a single Availability Zone
11. What determines the order by which subnets/AZ options are displayed in EC2 configuration dialogs?
  - A. Alphabetical order
  - B. They (appear) to be displayed in random order.
  - C. Numerical order
  - D. By order of capacity, with largest capacity first

12. What is the primary goal of autoscaling?
  - A. To ensure the long-term reliability of a particular physical resource
  - B. To ensure the long-term reliability of a particular virtual resource
  - C. To orchestrate the use of multiple parallel resources to direct incoming user requests
  - D. To ensure that a predefined service level is maintained regardless of external demand or instance failures
13. Which of the following design strategies is *most* effective for maintaining the reliability of a cloud application?
  - A. Resource isolation
  - B. Resource automation
  - C. Resource redundancy
  - D. Resource geolocation
14. Which of the following AWS services are *not likely* to benefit from Amazon edge locations? (Select TWO.)
  - A. RDS
  - B. EC2 load balancers
  - C. Elastic Block Store (EBS)
  - D. CloudFront
15. Which of the following is the primary benefit of using CloudFront distributions?
  - A. Automated protection from mass email campaigns
  - B. Greater availability through redundancy
  - C. Greater security through data encryption
  - D. Reduced latency access to your content no matter where your end users live
16. What is the main purpose of Amazon Route 53?
  - A. Countering the threat of distributed denial-of-service (DDoS) attacks
  - B. Managing domain name registration and traffic routing
  - C. Protecting web applications from web-based threats
  - D. Using the serverless power of Lambda to customize CloudFront behavior
17. According to the AWS Shared Responsibility Model, which of the following are responsibilities of AWS? (Select TWO.)
  - A. The security of the cloud
  - B. Patching underlying virtualization software running in AWS data centers
  - C. Security of what's in the cloud
  - D. Patching OSs running on EC2 instances

- 18.** According to the AWS Shared Responsibility Model, what's the best way to define the status of the software driving an AWS managed service?
- A.** Everything associated with an AWS managed service is the responsibility of AWS.
  - B.** Whatever is added by the customer (like application code) is the customer's responsibility.
  - C.** Whatever the customer can control (application code and/or configuration settings) is the customer's responsibility.
  - D.** Everything associated with an AWS managed service is the responsibility of the customer.
- 19.** Which of the following is one of the first places you should look when troubleshooting a failing application?
- A.** AWS Acceptable Use Monitor
  - B.** Service Status Dashboard
  - C.** AWS Billing Dashboard
  - D.** Service Health Dashboard
- 20.** Where will you find information on the limits AWS imposes on the ways you can use your account resources?
- A.** AWS User Agreement Policy
  - B.** AWS Acceptable Use Policy
  - C.** AWS Acceptable Use Monitor
  - D.** AWS Acceptable Use Dashboard