

**1) Why is AWS more economical than traditional data centers for applications with varying compute workloads?**

- A) Amazon Elastic Compute Cloud (Amazon EC2) costs are billed on a monthly basis.
- B) Customers retain full administrative access to their Amazon EC2 instances.
- C) Amazon EC2 instances can be launched on-demand when needed.
- D) Customers can permanently run enough instances to handle peak workloads.

**2) Which AWS service would simplify migration of a database to AWS?**

- A) AWS Storage Gateway
- B) AWS Database Migration Service (AWS DMS)
- C) Amazon Elastic Compute Cloud (Amazon EC2)
- D) Amazon AppStream 2.0

**3) Which AWS offering enables customers to find, buy, and immediately start using software solutions in their AWS environment?**

- A) AWS Config
- B) AWS OpsWorks
- C) AWS SDK
- D) AWS Marketplace

**4) Which AWS networking service enables a company to create a virtual network within AWS?**

- A) AWS Config
- B) Amazon Route 53
- C) AWS Direct Connect
- D) Amazon Virtual Private Cloud (Amazon VPC)

**5) Which of the following is AWS's responsibility under the AWS shared responsibility model?**

- A) Configuring third-party applications
- B) Maintaining physical hardware
- C) Securing application access and data
- D) Managing custom Amazon Machine Images (AMIs)

**6) Which component of AWS global infrastructure does Amazon CloudFront use to ensure low-latency delivery?**

- A) AWS Regions
- B) AWS edge locations
- C) AWS Availability Zones
- D) Amazon Virtual Private Cloud (Amazon VPC)

**7) How would a system administrator add an additional layer of login security to a user's AWS Management Console?**

- A) Use AWS Cloud Directory
- B) Audit AWS Identity and Access Management (IAM) roles
- C) Enable Multi-Factor Authentication
- D) Enable AWS CloudTrail

**8) Which service can identify the user that made the API call when an Amazon Elastic Compute Cloud (Amazon EC2) instance is terminated?**

- A) Amazon CloudWatch
- B) AWS CloudTrail
- C) AWS X-Ray
- D) AWS Identity and Access Management (AWS IAM)

**9) Which service would you use to send alerts based on Amazon CloudWatch alarms?**

- A) Amazon Simple Notification Service (Amazon SNS)
- B) AWS CloudTrail
- C) AWS Trusted Advisor
- D) Amazon Route 53

**10) Where can a customer find information about prohibited actions on AWS infrastructure?**

- A) AWS Trusted Advisor
- B) AWS Identity and Access Management (IAM)
- C) AWS Billing Console
- D) AWS Acceptable Use Policy

**Answers**

- 1) C – The ability to launch instances on-demand when needed allows customers launch and terminate instances in response to a varying workload. This is a more economical practice than purchasing enough on-premises servers to handle the peak load.
- 2) B - <https://aws.amazon.com/dms/>
- 3) D - <https://aws.amazon.com/mp/>
- 4) D - <https://aws.amazon.com/vpc/>
- 5) B - <https://aws.amazon.com/compliance/shared-responsibility-model/>
- 6) B - <https://aws.amazon.com/cloudfront/>
- 7) C - <https://aws.amazon.com/iam/details/mfa/>
- 8) B - <http://docs.aws.amazon.com/awscloudtrail/latest/userguide/cloudtrail-user-guide.html>
- 9) A - <http://docs.aws.amazon.com/AmazonCloudWatch/latest/monitoring/AlarmThatSendsEmail.html>
- 10) D - <https://aws.amazon.com/aup/>