

AWS Cloud Practitioner Practice Problems 1

1. A global company with a large number of AWS accounts is seeking a way in which they can centrally manage billing and security policies across all accounts. Which AWS Service will assist them in meeting these goals?
 - a. AWS Organizations.
 - b. AWS Trusted Advisor.
 - c. IAM User Groups.
 - d. AWS Config.

Answer - a. AWS Organization

2. Which service provides object-level storage in AWS?
 - A. Amazon EBS.
 - B. Amazon Instance Store.
 - C. Amazon EFS.
 - D. Amazon S3.

Answer - D. Amazon S3

3. A company is concerned that they are spending money on underutilized compute resources in AWS. Which AWS feature will help ensure that their applications are automatically adding/removing EC2 compute capacity to closely match the required demand?
 - A. AWS Elastic Load Balancer.
 - B. AWS Budgets.
 - C. AWS Auto Scaling.
 - D. AWS Cost Explorer.

Answer C. AWS Auto Scaling

4. What is the AWS database service that allows you to upload data structured in key-value format?
 - A. Amazon DynamoDB.
 - B. Amazon Aurora.
 - C. Amazon Redshift.
 - D. Amazon RDS.

Answer A. Amazon DynamoDB

AWS Cloud Practitioner Practice Problems 2

5. Which S3 storage class is best for data with unpredictable access patterns?
- A. Amazon S3 Intelligent-Tiering.
 - B. Amazon S3 Glacier Flexible Retrieval.
 - C. Amazon S3 Standard.
 - D. Amazon S3 Standard-Infrequent Access.

Answer A. Amazon S3 Intelligent Tiering

6. Which of the following is NOT correct regarding Amazon EC2 On-demand instances?
- A. You have to pay a start-up fee when launching a new instance for the first time.
 - B. The on-demand instances follow the AWS pay-as-you-go pricing model.
 - C. With on-demand instances, no longer-term commitments or upfront payments are needed.
 - D. When using on-demand Linux instances, you are charged per second based on an hourly rate.

Answer A. You have to pay a start-up fee when launching a new instance for the first time.

7. A company has moved to AWS recently. Which of the following AWS Services will help ensure that they have the proper security settings? (Choose TWO)
- A. AWS Trusted Advisor.
 - B. Amazon Inspector.
 - C. Amazon SNS.
 - D. Amazon CloudWatch.
 - E. Concierge Support Team.

Answer A and B

8. What is the AWS feature that provides an additional level of security above the default authentication mechanism of usernames and passwords?
- A. Encrypted keys.
 - B. Email verification.
 - C. AWS KMS.
 - D. AWS MFA.

Answer D. AWS MFA

AWS Cloud Practitioner Practice Problems 3

9. A company is introducing a new product to their customers, and is expecting a surge in traffic to their web application. As part of their Enterprise Support plan, which of the following provides the company with architectural and scaling guidance?
- A. AWS Knowledge Center.
 - B. AWS Health Dashboard.
 - C. Infrastructure Event Management.
 - D. AWS Support Concierge Service.

Answer C. Infrastructure Event Management.

10. You work as an on-premises MySQL DBA. The work of database configuration, backups, patching, and DR can be time-consuming and repetitive. Your company has decided to migrate to the AWS Cloud. Which of the following can help save time on database maintenance so you can focus on data architecture and performance?
- A. Amazon RDS.
 - B. Amazon Redshift.
 - C. Amazon DynamoDB.
 - D. Amazon CloudWatch.

Answer A - Amazon RDS

11. Which of the below is a best-practice when designing solutions on AWS?
- A. Invest heavily in architecting your environment, as it is not easy to change your design later.
 - B. Use AWS reservations to reduce costs when testing your production environment.
 - C. Automate wherever possible to make architectural (©) experimentation easier.
 - D. Provision a large compute capacity to handle any spikes in load

Answer C - Automate wherever possible to make architectural (©) experimentation easier.

AWS Cloud Practitioner Practice Problems 4

12. According to the AWS Acceptable Use Policy, which of the following statements is true regarding penetration testing of EC2 instances?
- A. Penetration testing is not allowed in AWS.
 - B. Penetration testing is performed automatically by AWS to determine vulnerabilities in your AWS infrastructure.
 - C. Penetration testing can be performed by the customer on their own instances without prior authorization from AWS.
 - D. The AWS customers are only allowed to perform penetration testing on services managed by AWS.

Answer C Penetration testing can be performed by the customer on their own instances without prior authorization from AWS.

13. The principle “design for failure and nothing will fail” is very important when designing your AWS Cloud architecture. Which of the following would help adhere to this principle? (Choose TWO)
- A. Multi-factor authentication.
 - B. Availability Zones.
 - C. Elastic Load Balancing.
 - D. Penetration testing.
 - E. Vertical Scaling.

Answer B. Availability Zone and C. Elastic Load Balancing

14. What is the AWS service that provides a virtual network dedicated to your AWS account?
- A. AWS VPN.
 - B. AWS Subnets.
 - C. AWS Dedicated Hosts.
 - D. Amazon VPC.

Answer - D. Amazon VPC

AWS Cloud Practitioner Practice Problems 5

15. According to the AWS Shared responsibility model, which of the following are the responsibility of the customer? (Choose TWO)
- A. Managing environmental events of AWS data centers.
 - B. Protecting the confidentiality of data in transit in Amazon S3.
 - C. Controlling physical access to AWS Regions.
 - D. Ensuring that the underlying EC2 host is configured properly.
 - E. Patching applications installed on Amazon EC2.

Answer B and E

16. What does Amazon ElastiCache provide?
- A. In-memory caching for read-heavy applications.
 - B. An Ehcache compatible in-memory data store.
 - C. An online software store that allows Customers to launch pre-configured software with just few clicks.
 - D. A domain name system in the cloud.

Answer A - In-memory caching for read-heavy applications.

17. Which of the following EC2 instance purchasing options supports the Bring Your Own License (BYOL) model for almost every BYOL scenario?
- A. Dedicated Instances.
 - B. Dedicated Hosts.
 - C. On-demand Instances.
 - D. Reserved Instances.

Answer B. Dedicated Hosts

18. Which of the following are important design principles you should adopt when designing systems on AWS? (Choose TWO)
- A. Always use Global Services in your architecture rather than Regional Services.
 - B. Always choose to pay as you go.
 - C. Treat servers as fixed resources.
 - D. Automate wherever possible.
 - E. Remove single points of failure.

Answer D and E

AWS Cloud Practitioner Practice Problems 6

19. Which component must be attached to a VPC to enable inbound Internet access?

- A. NAT gateway
- B. VPC endpoint
- C. VPN connection
- D. Internet gateway

Answer D - Internet Gateway

20. Which of the following tasks is required to deploy a PCI-compliant workload on AWS?

- A. Use any AWS service and implement PCI controls at the application layer
- B. Use an AWS service that is in-scope for PCI compliance and raise an AWS support ticket to enable PCI compliance at the application layer
- C. Use any AWS service and raise an AWS support ticket to enable PCI compliance on that service
- D. Use an AWS service that is in scope for PCI compliance and apply PCI controls at the application layer

Answer D Use an AWS service that is in scope for PCI compliance and apply PCI controls at the application layer

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