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FREE PRACTICE TEST/QUIZ/EXAM FOR
AWS CSA/AWS CDA/AWS SYSOPS

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Protected: Quiz 6

By: cert-school-admin / On: December 31, 2016 / In:

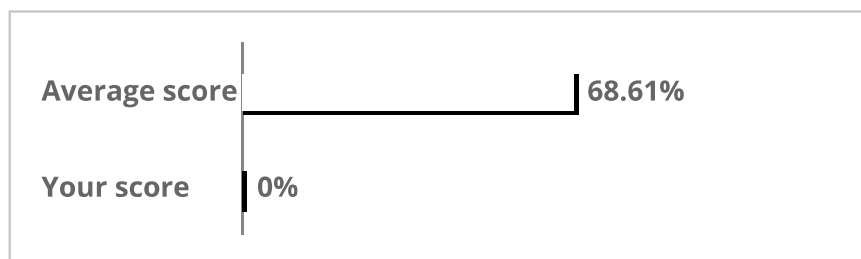
AWS, AWS CSA / With: 4 Comments /

Results

0 of 30 questions answered correctly

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Thank you for taking this mock exam. Unfortunately, you were unsuccessful in this attempt.

View questions

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Answered Review

1. Question

Which DNS record types does Amazon Route 53 support? (Select 2 answers)

- ☐ RNAME (relational name record)
- ☐ **SPF (sender policy framework)**
- ☐ RTXT(relative text record)
- ☐ **SRV (service locator)**
- ☒ MEX(mail exchange record)

Incorrect

Amazon Route 53 currently supports the following DNS record types:

- **A (address record)**
- **AAAA (IPv6 address record)**
- **CNAME (canonical name record)**
- **MX (mail exchange record)**
- **NAPTR (name authority pointer record)**
- **NS (name server record)**
- **PTR (pointer record)**

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- **SOA (start of authority record)**
- **SPF (sender policy framework)**
- **SRV (service locator)**
- **TXT (text record)**



2. Question

A customer has configured Elastic Load Balancer with four instances. The customer wants to achieve High Availability as well as redundancy with ELB. Which of the below mentioned AWS services helps the customer to achieve this for ELB?

- ☐ **Route 53**
- ☐ Auto Scaling
- ☐ Redshift
- ☐ Cloud Formation

Incorrect

Amazon Route 53 is a highly available and scalable cloud Domain Name System (DNS) web service. It is designed to give developers and businesses an extremely reliable and cost effective way to route end users to Internet applications by translating names like example.com into the numeric IP addresses like 192.0.2.1 that computers use to connect to each other. Amazon Route 53 is fully compliant with IPv6 as well.

3. Question

Your CloudWatch Alarm has just started, the metric is not available, or not enough data is available for the metric to determine the alarm state. What would be your alarm state?

- ☐ ALARM

TESTIMONIALS

Frank Espinoza

Thank you it was very helpful. I have passed a couple tests

TAGS

AWS AWS CDA AWS CSA AWS SysOps

Lessons

- ☐ OK
- ☐ INCONSISTENT_DATA
- ☐ **INSUFFICIENT_DATA**

Incorrect

An alarm has three possible states:

- **OK** —The metric is within the defined threshold
- **ALARM** —The metric is outside of the defined threshold
- **INSUFFICIENT_DATA** —The alarm has just started, the metric is not available, or not enough data is available for the metric to determine the alarm state

4. Question

If you're unable to connect via SSH to your EC2 instance, which of the following should you check and possibly correct to restore connectivity?

- ☐ **Adjust the instance's Security Group to permit ingress traffic over port 22 from your IP.**
- ☐ Adjust Security Group to allow egress traffic over TCP port 443 from your IP.
- ☐ Configure the IAM role to permit changes to security group settings.
- ☐ Modify the instance security group to allow ingress of ICMP packets from your IP.

Incorrect

To enable network access to your instance, you must allow inbound traffic to your instance. To open a port for inbound traffic, add a rule to a security group that you associated with your instance when you launched it.

To connect to your instance, you must set up a rule to authorize SSH traffic from your computer's public IPv4 address. To allow SSH traffic from additional IP address ranges, add another rule for each range you need to authorize.

5. Question

A customer wants to track access to their Amazon Simple Storage Service (S3) buckets and also use this information for their internal security and access audits. Which of the following will meet the Customer requirement?

- ☐ Enable AWS CloudTrail to audit all Amazon S3 bucket access.
- ☒ **Enable server access logging for all required Amazon S3 buckets.**
- ☐ Enable Amazon S3 event notifications for Put and Post.
- ☐ Enable the Requester Pays option to track access via AWS Billing

Incorrect

In order to track requests for access to your bucket, you can enable access logging. Each access log record provides details about a single access request, such as the requester, bucket name, request time, request action, response status, and error code, if any. Access log information can be useful in security and access audits. It can also help you learn about your customer base and understand your Amazon S3 bill.

6. Question

Company XYZ is launching a new game app for mobile devices. Users will log into the game using their existing social media

account to streamline data capture. Company XYZ would like to directly save player data and scoring information from the mobile app to a DynamoDB table named Score Data. When a user saves their game, the progress data will be stored to the Game state S3 bucket. What is the best approach for storing data to DynamoDB and S3?

- ☐ Use Login with Amazon allowing users to sign in with an Amazon account, providing the mobile app with access to the Score Data DynamoDB table and the Game State S3 bucket.
- ☐ Use an EC2 Instance that is launched with an EC2 role providing access to the Score Data DynamoDB table and the GameState S3 bucket that communicates with the mobile app via web services.
- ☐ **Use temporary security credentials that assume a role providing access to the Score Data DynamoDB table and the Game State S3 bucket using web identity federation.**
- ☐ Use an IAM user with access credentials assigned a role providing access to the Score Data DynamoDB table and the Game State S3 bucket for distribution with the mobile app.

Incorrect

Identity federation: IAM allows users to access AWS resources, without requiring the user to have accounts with AWS, by providing temporary credentials

7. Question

You require the ability to analyze a customer's clickstream data on a website so they can do behavioural analysis. Your customer needs to know what sequence of pages and ads their customer clicked on. This data will be used in real time to modify the page layouts as customers click through the site to increase stickiness.

and advertising click-through. Which option meets the requirements for captioning and analyzing this data?

- ☐ Write click events directly to Amazon Redshift and then analyze with SQL
- ☒ **Push web clicks by session to Amazon Kinesis and analyze behaviour using Kinesis workers**
- ☐ Log clicks in weblogs by URL store to Amazon S3, and then analyze with Elastic MapReduce
- ☐ Publish web clicks by session to an Amazon SQS queue then periodically drain these events to Amazon RDS and analyze with SQL

Incorrect

Use Amazon Kinesis Streams to collect and process large streams of data records in real time. You'll create data-processing applications, known as Amazon Kinesis Streams applications. A typical Amazon Kinesis Streams application reads data from an Amazon Kinesis stream as data records. These applications can use the Amazon Kinesis Client Library, and they can run on Amazon EC2 instances. The processed records can be sent to dashboards, used to generate alerts, dynamically change pricing and advertising strategies, or send data to a variety of other AWS services

8. Question

All Amazon EC2 instances are assigned two IP addresses at launch, out of which one can only be reached from within the Amazon EC2 network?

- ☐ Multiple IP address
- ☐ Public IP address

☐ **Private IP address**

☐ Elastic IP Address

Incorrect

A private IPv4 address is an IP address that's not reachable over the Internet. You can use private IPv4 addresses for communication between instances in the same network (EC2-Classic or a VPC).

9. Question

What is the Reduced Redundancy option in Amazon S3?

☐ **Less redundancy for a lower cost.**

☐ Virtual Servers in Cloud

☐ Load Balancing Service

☐ Real time Analysis

Incorrect

Reduced Redundancy Storage (RRS) is an Amazon S3 storage option that enables customers to reduce their costs by storing noncritical, reproducible data at lower levels of redundancy than Amazon S3's standard storage. It provides a cost-effective, highly available solution for distributing or sharing content that is durably stored elsewhere, or for storing thumbnails, transcoded media, or other processed data that can be easily reproduced.

10. Question

When you run a DB Instance as a Multi-AZ deployment, the _____ serves database writes and reads

- ☐ stand by
- ☐ secondary
- ☐ backup
- ☒ **primary**

Incorrect

DB instances can be hosted in several Availability Zones, an option called a Multi-AZ deployment. Amazon automatically provisions and maintains a synchronous standby replica of the DB instance in a different Availability Zone. Primary DB instance is synchronously replicated across Availability Zones to the standby replica to provide data redundancy, failover support, eliminate I/O freezes, and minimize latency spikes during system backups.

11. Question

Can you create IAM security credentials for existing users?

- ☐ No, IAM requires that all users who have credentials set up are not existing users
- ☐ Yes, but only IAM credentials, not ordinary security credentials.
- ☒ **Yes, existing users can have security credentials associated with their account.**
- ☐ No, security credentials are created within GROUPS, and then users are associated to GROUPS at a later time.

Incorrect

Existing users can have security credentials associated with their account

12. Question

Please select all relational database engines RDS currently support(Select 3 answers)

- ☐ PostgreSQL
- ☐ Amazon Aurora
- ☐ Cassandra
- ☐ MariaDB
- ☐ MongoDB
- ☐ SQLite

Incorrect

Amazon Relational Database Service (Amazon RDS) makes it easy to set up, operate, and scale a relational database in the cloud. It provides cost-efficient and resizable capacity while managing time-consuming database administration tasks, freeing you up to focus on your applications and business. Amazon RDS provides you six familiar database engines to choose from, including Amazon Aurora, Oracle, Microsoft SQL Server, PostgreSQL, MySQL and MariaDB.

13. Question

What is the maximum length of tag value ?

- ☐ 127 Unicode characters in UTF-8
- ☐ 525 Unicode characters in UTF-8
- ☐ **255 Unicode characters in UTF-8**
- ☐ 725 Unicode characters in UTF-8

Incorrect

- **Maximum number of tags per resource—50**
- **Maximum key length—127 Unicode characters in UTF-8**
- **Maximum value length—255 Unicode characters in UTF-8**

14. Question

What are the Amazon EC2 API tools?

- ☐ They are a set of graphical tools to manage EC2 instances.
- ☐ **Command-line tools to the Amazon EC2 web service.**
- ☐ Set of batch programs to configure EC2 instances
- ☐ The Amazon EC2 AMI tools are used to manage permissions.

Incorrect

The API tools serve as the client interface to the Amazon EC2 web service. Use these tools to register and launch instances, manipulate security groups

15. Question

A document that defines who can access a particular bucket or object in S3

- ☐ access key id
- ☐ access identifiers
- ☐ **access control list**
- ☐ access key

Incorrect

Amazon S3 Access Control Lists (ACLs) enable you to manage access to buckets and objects. Each bucket and object has an ACL attached to it as a subresource. It defines

which AWS accounts or groups are granted access and the type of access. When a request is received against a resource, Amazon S3 checks the corresponding ACL to verify the requester has the necessary access permissions.

16. Question

A web service for provisioning, managing, and deploying (SSL/TLS) certificates for use with AWS services.

- ☐ AWS Cloud Formation
- ☐ AWS Security Groups
- ☐ AWS CloudHSM
- ☒ **AWS Certificate Manager (ACM)**

Incorrect

AWS Certificate Manager is a service that lets you easily provision, manage, and deploy Secure Sockets Layer/Transport Layer Security (SSL/TLS) certificates for use with AWS services. SSL/TLS certificates are used to secure network communications and establish the identity of websites over the Internet. AWS Certificate Manager removes the time-consuming manual process of purchasing, uploading, and renewing SSL/TLS certificates.

17. Question

Is decreasing the storage size of a RDS DB Instance permitted?

- ☐ Yes
- ☒ **No**
- ☐ Only possible in Oracle
- ☐ Only possible in My SQL

Incorrect

You cannot reduce storage size once it has been allocated.

18. Question

A web service that inspects your AWS environment and makes recommendations for saving money, improving system availability and performance, and helping to close security gaps.

- ☐ **AWS Trusted Advisor**
- ☐ AWS VPN CloudHub
- ☐ AWS Storage Gateway
- ☐ AWS WAF

Incorrect

An online resource to help you reduce cost, increase performance, and improve security by optimizing your AWS environment, Trusted Advisor provides real time guidance to help you provision your resources following AWS best practices.

19. Question

What does AWS IoT provide?

- ☐ A managed service that simplifies the creation and control of encryption keys that are used to encrypt data.
- ☐ A web service that lets you run code without provisioning or managing servers
- ☐ **A managed cloud platform that lets connected devices easily and securely interact with cloud applications and other devices.**

- ☐ A service for transferring large amounts of data between AWS and portable storage devices.

Incorrect

AWS IoT is a platform that enables you to connect devices to AWS Services and other devices, secure data and interactions, process and act upon device data, and enable applications to interact with devices even when they are offline.

20. Question

A site that CloudFront uses to cache copies of your content for faster delivery to users at any location.

- ☐ Regions
- ☐ Availability Zones
- ☐ **Edge Location**
- ☐ Backup Site

Incorrect

An edge location is where end users access services located at AWS. They are located in most of the major cities around the world and are specifically used by CloudFront (CDN) to distribute content to end user to reduce latency. It is like frontend for the service we access which are located in AWS cloud

21. Question

A pricing option for EC2 Instances that discounts the on-demand usage charge for instances that meet the specified parameters.

Customers pay for the entire term of the instance, regardless of how they use it.

- ☐ EC2 fleet instance
- ☐ **Reserved Instance**
- ☐ Spot Instance
- ☐ On-Demand Instance

Incorrect

You can purchase Reserved Instances with a billing and capacity benefit by specifying an Availability Zone, or with a regional billing benefit by purchasing a Reserved Instance for a region.

The billing benefit is automatically applied to matching running instances in that Availability Zone or region. You can also purchase Reserved Instances and then launch On-Demand instances with matching specifications—the billing benefit is automatically applied to those instances.

When you purchase a Reserved Instance for a specific Availability Zone, by default EC2 will create a capacity reservation in that Availability Zone matching the configuration of your Reserved Instance. Your capacity reservation will be used by the first instance launched from the account that owns the Reserved Instance with a matching configuration.

22. Question

Amazon S3 also provides the _____ API that you can use to delete up to 1000 objects in single HTTP request.

- ☐ DELETE

