

- **Vendor: Amazon**
- **Exam Code: SAA-C02**
- **Exam Name: AWS Certified Solutions Architect - Associate**
- **New Questions (May/2020)**

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NEW QUESTION 101

A solutions architect is optimizing a website for an upcoming musical event. Videos of the performances will be streamed in real time and then will be available on demand. The event is expected to attract a global online audience. Which service will improve the performance of both the real-time and on-demand streaming?

- A. Amazon CloudFront
- B. AWS Global Accelerator
- C. Amazon Route 53
- D. Amazon S3 Transfer Acceleration

Answer: C

NEW QUESTION 102

In Amazon EC2, partial instance-hours are billed \_\_\_\_.

- A. per second used in the hour
- B. per minute used
- C. by combining partial segments into full hours
- D. as full hours

Answer: D

Explanation:

Partial instance-hours are billed to the next hour.

<http://aws.amazon.com/ec2/faqs/>

NEW QUESTION 103

In EC2, what happens to the data in an instance store if an instance reboots (either intentionally or unintentionally)?

- A. Data is deleted from the instance store for security reasons.
- B. Data persists in the instance store.
- C. Data is partially present in the instance store.
- D. Data in the instance store will be lost.

Answer: B

Explanation:

The data in an instance store persists only during the lifetime of its associated instance. If an instance reboots (intentionally or unintentionally), data in the instance store persists. However, data on instance store volumes is lost under the following circumstances:

- Failure of an underlying drive.
- Stopping an Amazon EBS-backed instance.
- Terminating an instance.

<http://docs.amazonaws.com/AWSEC2/latest/UserGuide/InstanceStorage.html>

NEW QUESTION 104

You are setting up a VPC and you need to set up a public subnet within that VPC. Which following requirement must be

met for this subnet to be considered a public subnet?

- A. Subnet's traffic is not routed to an internet gateway but has its traffic routed to a virtual private gateway.
- B. Subnet's traffic is routed to an internet gateway.
- C. Subnet's traffic is not routed to an internet gateway.
- D. None of these answers can be considered a public subnet.

Answer: B

Explanation:

[http://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/VPC\\_Subnets.html](http://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/VPC_Subnets.html)

**NEW QUESTION 105**

Can you specify the security group that you created for a VPC when you launch an instance in EC2-Classic?

- A. No, you can specify the security group created for EC2-Classic when you launch a VPC instance.
- B. No.
- C. Yes.
- D. No, you can specify the security group created for EC2-Classic to a non-VPC based instance only.

Answer: B

Explanation:

If you're using EC2-Classic, you must use security groups created specifically for EC2-Classic. When you launch an instance in EC2-Classic, you must specify a security group in the same region as the instance. You can't specify a security group that you created for a VPC when you launch an instance in EC2-Classic.

<http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/using-network-security.html#ec2-classic-security-groups>

**NEW QUESTION 106**

While using the EC2 GET requests as URLs, the \_\_\_\_ is the URL that serves as the entry point for the web service.

- A. token
- B. endpoint
- C. action
- D. none of these

Answer: B

Explanation:

The endpoint is the URL that serves as the entry point for the web service.

<http://docs.amazonwebservices.com/AWSEC2/latest/UserGuide/using-query-api.html>

**NEW QUESTION 107**

You have been asked to build a database warehouse using Amazon Redshift. You know a little about it, including that it is a SQL data warehouse solution, and uses industry standard ODBC and JDBC connections and PostgreSQL drivers. However you are not sure about what sort of storage it uses for database tables. What sort of storage does Amazon Redshift use for database tables?

- A. InnoDB Tables
- B. NDB Data Storage
- C. Columnar Data Storage
- D. NDB CLUSTER Storage

Answer: C

Explanation:

Amazon Redshift achieves efficient storage and optimum query performance through a combination of massively parallel processing, columnar data storage, and very efficient, targeted data compression encoding schemes. Columnar storage for database tables is an important factor in optimizing analytic query performance because it drastically reduces the overall disk I/O requirements and reduces the amount of data you need to load from disk.

[http://docs.aws.amazon.com/redshift/latest/dg/c\\_columnar\\_storage\\_disk\\_mem\\_mgmnt.html](http://docs.aws.amazon.com/redshift/latest/dg/c_columnar_storage_disk_mem_mgmnt.html)

**NEW QUESTION 108**

Which of the below mentioned options is not available when an instance is launched by Auto Scaling with EC2 Classic?

- A. Public IP
- B. Elastic IP
- C. Private DNS
- D. Private IP

Answer: B

Explanation:

Auto Scaling supports both EC2 classic and EC2-VPC. When an instance is launched as a part of EC2 classic, it will have the public IP and DNS as well as the private IP and DNS.

<http://docs.aws.amazon.com/AutoScaling/latest/DeveloperGuide/GettingStartedTutorial.html>

**NEW QUESTION 109**

A web application is deployed in the AWS Cloud. It consists of a two-tier architecture that includes a web layer and a database layer. The web server is vulnerable to cross-site scripting (XSS) attacks. What should a solutions architect do to remediate the vulnerability?

- A. Create a Classic Load Balancer.  
Put the web layer behind the load balancer and enable AWS WAF.
- B. Create a Network Load Balancer.  
Put the web layer behind the load balancer and enable AWS WAF.
- C. Create an Application Load Balancer.  
Put the web layer behind the load balancer and enable AWS WAF.
- D. Create an Application Load Balancer.  
Put the web layer behind the load balancer and use AWS Shield Standard.

Answer: C

**NEW QUESTION 110**

Organizers for a global event want to put daily reports online as static HTML pages. The pages are expected to generate millions of views from users around the world. The files are stored in an Amazon S3 bucket. A solutions architect has been asked to design an efficient and effective solution. Which action should the solutions architect take to accomplish this?

- A. Generate presigned URLs for the files.
- B. Use cross-Region replication to all Regions.
- C. Use the geoproximity feature of Amazon Route 53.
- D. Use Amazon CloudFront with the S3 bucket as its origin.

Answer: D

**NEW QUESTION 111**

A data science team requires storage for nightly log processing. The size and number of logs is unknown and will persist for 24 hours only. What is the MOST cost-effective solution?

- A. Amazon S3 Glacier
- B. Amazon S3 Standard
- C. Amazon S3 intelligent-Tiering
- D. Amazon S3 One Zone-Infrequent Access (S3 One Zone-IA)

Answer: A

**NEW QUESTION 112**

You are building infrastructure for a data warehousing solution and an extra request has come through that there will be a lot of business reporting queries running all the time and you are not sure if your current DB instance will be able to handle it. What would be the best solution for this?

- A. DB Parameter Groups
- B. Read Replicas
- C. Multi-AZ DB Instance Deployment
- D. Database Snapshots

Answer: B

Explanation:

Read Replicas make it easy to take advantage of MySQL's built-in replication functionality to elastically scale out beyond the capacity constraints of a single DB Instance for read-heavy database workloads. There are a variety of scenarios where deploying one or more Read Replicas for a given source DB Instance may make sense.

<https://aws.amazon.com/rds/faqs/>

**NEW QUESTION 113**

You've created your first load balancer and have registered your EC2 instances with the load balancer. Elastic Load Balancing routinely performs health checks on all the registered EC2 instances and automatically distributes all incoming requests to the DNS name of your load balancer across your registered, healthy EC2 instances. By default, the load balancer uses the \_\_\_\_ protocol for checking the health of your instances.

- A. HTTPS
- B. HTTP
- C. ICMP
- D. IPv6

Answer: B

Explanation:

In Elastic Load Balancing a health configuration uses information such as protocol, ping port, ping path (URL), response timeout period, and health check interval to determine the health state of the instances registered with the load balancer. Currently, HTTP on port 80 is the default health check.

<http://docs.aws.amazon.com/ElasticLoadBalancing/latest/DeveloperGuide/TerminologyandKeyConcepts.html>

**NEW QUESTION 114**

In Amazon EC2 Container Service, are other container types supported?

- A. Yes, EC2 Container Service supports any container service you need.
- B. Yes, EC2 Container Service also supports Microsoft container service.
- C. No, Docker is the only container platform supported by EC2 Container Service presently.
- D. Yes, EC2 Container Service supports Microsoft container service and Openstack.

Answer: C

Explanation:

In Amazon EC2 Container Service, Docker is the only container platform supported by EC2 Container Service presently.

<http://aws.amazon.com/ecs/faqs/>

**NEW QUESTION 115**

A solutions architect is implementing a document review application using an Amazon S3 bucket for storage. The solution must prevent accidental deletion of the documents and ensure that all versions of the documents are available. Users must be able to download, modify, and upload documents. Which combination of actions should be taken to meet these requirements? (Choose two.)

- A. Enable a read-only bucket ACL.
- B. Enable versioning on the bucket.
- C. Attach an IAM policy to the bucket.
- D. Enable MFA Delete on the bucket.
- E. Encrypt the bucket using AWS KMS.

Answer: CD

**NEW QUESTION 116**

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