Amazon

Exam Questions AWS-Solution-Architect-Associate

AWS Certified Solutions Architect - Associate

NEW QUESTION 1
You are setting up a very complex financial services grid and so far it has 5 Elastic IP (EIP) addresses.
You go to assign another EIP address, but all accounts are limited to 5 Elastic IP addresses per region by default, so you aren't able to. What is the reason for this?

A. For security reasons.
B. Hardware restrictions.
C. Public (IPV4) internet addresses are a scarce resource.
D. There are only 5 network interfaces per instanc

Answer: C

Explanation:
Public (IPV4) internet addresses are a scarce resource. There is only a limited amount of public IP space available, and Amazon EC2 is committed to helping use that space efficiently.
By default, all accounts are limited to 5 Elastic IP addresses per region. If you need more than 5 Elastic IP addresses, AWS asks that you apply for your limit to be raised. They will ask you to think through your use case and help them understand your need for additional addresses.
Reference: http://aws.amazon.com/ec2/faqs/#How_many_instances_can_I_run_in_Amazon_EC2

NEW QUESTION 2
Which of the following statements is true of creating a launch configuration using an EC2 instance?

A. The launch configuration can be created only using the Query APIs.
B. Auto Scaling automatically creates a launch configuration directly from an EC2 instance.
C. A user should manually create a launch configuration before creating an Auto Scaling group.
D. The launch configuration should be created manually from the AWS CL

Answer: B

Explanation:
You can create an Auto Scaling group directly from an EC2 instance. When you use this feature, Auto Scaling automatically creates a launch configuration for you as well.
Reference:
http://docs.aws.amazon.com/AutoScaling/latest/DeveIoperGuide/create-Ic-with-instanceID.htmI

NEW QUESTION 3
Which IAM role do you use to grant AWS Lambda permission to access a DynamoDB Stream?

A. Dynamic role
B. Invocation role
C. Execution role
D. Event Source role

Answer: C

Explanation:
You grant AWS Lambda permission to access a DynamoDB Stream using an IAM role known as the "execution roļe".
Reference: http://docs.aws.amazon.com/|ambda/latest/dg/intro-permission-model.htm|

NEW QUESTION 4
A friend tells you he is being charged $100 a month to host his WordPress website, and you tell him you can move it to AWS for him and he will only pay a fraction of that, which makes him very happy. He then tells you he is being charged $50 a month for the domain, which is registered with the same people that set it up, and he asks if it's possible to move that to AWS as well. You tell him you aren't sure, but will look into it. Which of the following statements is true in regards to transferring domain names to AWS?

A. You can't transfer existing domains to AWS.
B. You can transfer existing domains into Amazon Route 53's management.
C. You can transfer existing domains via AWS Direct Connect.
D. You can transfer existing domains via AWS Import/Expor

Answer: B

Explanation:
With Amazon Route 53, you can create and manage your public DNS records with the AWS Management Console or with an easy-to-use API. If you need a domain name, you can find an available name and register it using Amazon Route 53. You can also transfer existing domains into Amazon Route 53's management.
Reference: http://aws.amazon.com/route53/

NEW QUESTION 5
A user has launched a large EBS backed EC2 instance in the US-East-1a region. The user wants to achieve Disaster Recovery (DR) for that instance by creating another small instance in Europe. How can the user achieve DR?

A. Copy the instance from the US East region to the EU region
B. Use the "Launch more like this" option to copy the instance from one region to another
C. Copy the running instance using the "|nstance Copy" command to the EU region
D. Create an AMI of the instance and copy the AMI to the EU regio
E. Then launch the instance from the EU AMI

Answer: D

Explanation:
To launch an EC2 instance it is required to have an AMI in that region. If the AMI is not available in that region, then create a new AMI or use the copy command to copy the AMI from one region to the other region.
Reference: http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/CopyingAMIs.htmI

NEW QUESTION 6
A user has defined an AutoScaling termination policy to first delete the instance with the nearest billing hour. AutoScaling has launched 3 instances in the US-East-1A region and 2 instances in the US-East-1 B region. One of the instances in the US-East-1B region is running nearest to the billing hour. Which instance will AutoScaling terminate first while executing the termination action?

A. Random Instance from US-East-1A
B. Instance with the nearest billing hour in US-East-1 B
C. Instance with the nearest billing hour in US-East-1A
D. Random instance from US-East-1B

Answer: C

Explanation:
Even though the user has configured the termination policy, before AutoScaling selects an instance to terminate, it first identifies the Availability Zone that has more instances than the other Availability Zones used by the group. Within the selected Availability Zone, it identifies the instance that matches the specified termination policy.
Reference: http://docs.aws.amazon.com/AutoScaIing/latest/DeveIoperGuide/us-termination-policy.html

NEW QUESTION 7
A customer has a 10 GB AWS Direct Connect connection to an AWS region where they have a web application hosted on Amazon Elastic Computer Cloud (EC2). The application has dependencies on an on-premises mainframe database that uses a BASE (Basic Available. Sort stale Eventual consistency) rather than an ACID (Atomicity. Consistency isolation. Durability) consistency model.
The application is exhibiting undesirable behavior because the database is not able to handle the volume of writes. How can you reduce the load on your on-premises database resources in the most
cost-effective way?

A. Use an Amazon Elastic Map Reduce (EMR) S3DistCp as a synchronization mechanism between the on-premises database and a Hadoop cluster on AWS.
B. Modify the application to write to an Amazon SQS queue and develop a worker process to flush the queue to the on-premises database.
C. Modify the application to use DynamoDB to feed an EMR cluster which uses a map function to write to the on-premises database.
D. Provision an RDS read-replica database on AWS to handle the writes and synchronize the two databases using Data Pipeline.

Answer: A

Explanation:
Reference: https://aws.amazon.com/blogs/aws/category/amazon-elastic-map-reduce/

NEW QUESTION 8
A company is building a voting system for a popular TV show, viewers win watch the performances then visit the show's website to vote for their favorite performer. It is expected that in a short period of time after the show has finished the site will receive millions of visitors. The visitors will first login to the site using their Amazon.com credentials and then submit their vote. After the voting is completed the page will display the vote totals. The company needs to build the site such that can handle the rapid influx of traffic while maintaining good performance but also wants to keep costs to a minimum. Which of the design patterns below should they use?

A. Use Cloud Front and an Elastic Load balancer in front of an auto-scaled set of web servers, the web servers will first can the Login With Amazon service to authenticate the user then process the users vote and store the result into a multi-AZ Relational Database Service instance.
B. Use CloudFront and the static website hosting feature of 53 with the Javascript SDK to call the Login With Amazon service to authenticate the user, use IAM Roles to gain permissions to a DynamoDB table to store the users vote.
C. Use Cloud Front and an Elastic Load Balancer in front of an auto-scaled set of web servers, the web servers will first call the Login with Amazon service to authenticate the user, the web servers will process the users vote and store the result into a DynamoDB table using IAM Roles for EC2 instances to gain permissions to the DynamoDB table.
D. Use Cloud Front and an Elastic Load Balancer in front of an auto-scaled set of web servers, the web servers will first call the Logi
E. With Amazon service to authenticate the user, the web sewers win process the users vote and store the result into an SQS queue using IAM Roles for EC2 Instances to gain permissions to the SQS queu
F. A set of application sewers will then retrieve the items from the queue and store the result into a DynamoDB table.

Answer: D

NEW QUESTION 9
Your customer is willing to consolidate their log streams (access logs application logs security logs etc.) in one single system. Once consolidated, the customer wants to analyze these logs in real time based on heuristics. From time to time, the customer needs to validate heuristics, which requires going back to data samples extracted from the last 12 hours?
What is the best approach to meet your customer's requirements?

A. Send all the log events to Amazon SQ
B. Setup an Auto Scaling group of EC2 sewers to consume the logs and apply the heuristics.
C. Send all the log events to Amazon Kinesis develop a client process to apply heuristics on the logs
D. Configure Amazon Cloud Trail to receive custom logs, use EMR to apply heuristics the logs
E. Setup an Auto Scaling group of EC2 syslogd servers, store the logs on 53 use EMR to apply heuristics on the logs

Answer: B

Explanation:

The throughput of an Amazon Kinesis stream is designed to scale without limits via increasing the number of shards within a stream. However, there are certain limits you should keep in mind while using Amazon Kinesis Streams:
By default, Records of a stream are accessible for up to 24 hours from the time they are added to the stream. You can raise this limit to up to 7 days by enabling extended data retention.
The maximum size of a data blob (the data payload before Base64-encoding) within one record is 1 megabyte (MB).
Each shard can support up to 1000 PUT records per second.
For more information about other API level limits, see Amazon Kinesis Streams Limits.

NEW QUESTION 10
If I want an instance to have a public IP address, which IP address should I use'?

A. Elastic I P Address
B. Class B IP Address
C. Class A IP Address
D. Dynamic IP Address

Answer: A

NEW QUESTION 11
Disabling automated backups _ disable the point-in-time recovery.

A. if configured to can
B. will never
C. will

Answer: C

NEW QUESTION 12
Can a 'user' be associated with multiple AWS accounts?

A. No
B. Yes

Answer: A

NEW QUESTION 13
Will my standby RDS instance be in the same Availability Zone as my primary?

A. Only for Oracle RDS types
B. Yes
C. Only if configured at launch
D. No

Answer: D

NEW QUESTION 14
SQL Sewer _ store log ins and passwords in the master database.

A. can be configured to but by default does not
B. doesn't
C. does

Answer: C

NEW QUESTION 15
When should I choose Provisioned IOPS over Standard RDS storage?

A. If you have batch-oriented workloads
B. If you use production online transaction processing (OLTP) workloads.
C. If you have workloads that are not sensitive to consistent performance

Answer: A

NEW QUESTION 16
Can I use Provisioned IOPS with VPC?

A. Only Oracle based RDS
B. No
C. Only with MSSQL based RDS
D. Yes for all RDS instances

Answer: D

NEW QUESTION 17

Is decreasing the storage size of a DB Instance permitted?

A. Depends on the ROMS used
B. Yes
C. No

Answer: B

NEW QUESTION 18
What is an isolated database environment running in the cloud (Amazon RDS) called?

A. DB Instance
B. DB Unit
C. DB Sen/er
D. DB Volume

Answer: A

NEW QUESTION 19
A Provisioned IOPS volume must be at |east_ GB in size

A. 1
B. 50
C. 20
D. 10

Answer: D

NEW QUESTION 20
What are characteristics of Amazon 53? Choose 2 answers

A. 53 allows you to store objects of virtually unlimited size.
B. 53 offers Provisioned IOPS.
C. 53 allows you to store unlimited amounts of data.
D. 53 should be used to host a relational database.
E. Objects are directly accessible via a UR

Answer: CE

Explanation:
Reference:
http://docs.aws.amazon.com/AmazonCioudFront/latest/DeveIoperGuide/private-contentrestricting-access
-to-s3.htmI

NEW QUESTION 21
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