



Amazon

Exam Questions AWS-Certified-Developer-Associate

Amazon AWS Certified Developer - Associate

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NEW QUESTION 1

You have been doing a lot of testing of your VPC Network by deliberately failing EC2 instances to test whether instances are failing over properly. Your customer who will be paying the AWS bill for all this asks you if he being charged for all these instances. You try to explain to him how the billing works on EC2 instances to the best of your knowledge. What would be an appropriate response to give to the customer in regards to this?

- A. Billing commences when Amazon EC2 AMI instance is completely up and billing ends as soon as the instance starts to shutdown.
- B. Billing commences when Amazon EC2 initiates the boot sequence of an AMI instance and billing ends when the instance shuts down.
- C. Billing only commences only after 1 hour of uptime and billing ends when the instance terminates.
- D. Billing commences when Amazon EC2 initiates the boot sequence of an AMI instance and billing ends as soon as the instance starts to shutdown.

Answer: B

Explanation:

Billing commences when Amazon EC2 initiates the boot sequence of an AMI instance. Billing ends when the instance shuts down, which could occur through a web services command, by running "shutdown -h", or through instance failure.

Reference: <http://aws.amazon.com/ec2/faqs/#Billing>

NEW QUESTION 2

How long can you keep your Amazon SQS messages in Amazon SQS queues?

- A. From 120 secs up to 4 weeks
- B. From 10 secs up to 7 days
- C. From 60 secs up to 2 weeks
- D. From 30 secs up to 1 week

Answer: C

Explanation:

The SQS message retention period is configurable and can be set anywhere from 1 minute to 2 weeks. The default is 4 days and once the message retention limit is reached your messages will be automatically deleted. The option for longer message retention provides greater flexibility to allow for longer intervals between message production and consumption.

Reference: <https://aws.amazon.com/sqs/faqs/>

NEW QUESTION 3

A user is planning to make a mobile game which can be played online or offline and will be hosted on EC2.

The user wants to ensure that if someone breaks the highest score or they achieve some milestone they can inform all their colleagues through email. Which of the below mentioned AWS services helps achieve this goal?

- A. AWS Simple Workflow Service.
- B. AWS Simple Queue Service.
- C. Amazon Cognito
- D. AWS Simple Email Service

Answer: D

Explanation:

Amazon Simple Email Service (Amazon SES) is a highly scalable and cost-effective email-sending service for businesses and developers. It integrates with other AWS services, making it easy to send emails from applications that are hosted on AWS.

Reference: <http://aws.amazon.com/ses/faqs/>

NEW QUESTION 4

True or False: In DynamoDB, Scan operations are always eventually consistent.

- A. No, scan is like Query operation
- B. Yes
- C. No, scan is strongly consistent by default
- D. No, you can optionally request strongly consistent scan

Answer: B

Explanation:

In DynamoDB, Scan operations are always eventually consistent.

Reference: <http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/APISummary.html>

NEW QUESTION 5

Regarding Amazon SNS, when you want to subscribe to a topic and receive notifications to your email, in the Protocol drop-down box, you should select .

- A. Email
- B. Message
- C. SMTP
- D. IMAP

Answer: A

Explanation:

In Amazon SNS, when you want to subscribe to a topic and receive notifications to your email, select Email in the Protocol drop-down box. Enter an email address you can use to receive the notification in the Endpoint field.

Reference: <http://docs.aws.amazon.com/sns/latest/dg/SubscribeTopic.html>

NEW QUESTION 6

A user is planning to create a structured database in the cloud. Which of the below mentioned AWS offerings help the user achieve the goal?

- A. AWS DynamoDB
- B. AWS RDS
- C. AWS SimpleDB
- D. AWS RSD

Answer: B

Explanation:

AWS RDS is a managed database server offered by AWS, which makes it easy to set up, operate, and scale a relational database or structured data in cloud.

Reference: <http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/Welcome.html>

NEW QUESTION 7

A user is accessing an EC2 instance on the SSH port for IP 10.20.30.40. Which one is a secure way to configure that the instance can be accessed only from this IP?

- A. In the security group, open port 22 for IP 1020.30.40/0
- B. In the security group, open port 22 for IP 10.20.30.40/32
- C. In the security group, open port 22 for IP 10.20.30.40/24
- D. In the security group, open port 22 for IP 10.20.30.40

Answer: B

Explanation:

In AWS EC2, while configuring a security group, the user needs to specify the IP address in CIDR notation. The CIDR IP range 10.20.30.40/32 says it is for a single IP 10.20.30.40. If the user specifies the IP as 10.20.30.40 only, the security group will not accept and ask it in a CIRD format.

Reference: <http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/using-network-security.html>

NEW QUESTION 8

Which one of the following data types does Amazon DynamoDB not support?

- A. Arrays
- B. String
- C. Binary
- D. Number Set

Answer: A

Explanation:

Amazon DynamoDB supports the following data types: Scalar data types (like Number, String, and Binary)

Multi-valued types (like String Set, Number Set, and Binary Set). Reference:

<http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/DataModel.html#DataModel.DataTypes>

NEW QUESTION 9

Regarding Amazon SNS, you can send notification messages to mobile devices through any of the following supported push notification services, EXCEPT:

- A. Google Cloud Messaging for Android (GCM)
- B. Apple Push Notification Service (APNS)
- C. Amazon Device Messaging (ADM)
- D. Microsoft Windows Mobile Messaging (MWMM)

Answer: D

Explanation:

In Amazon SNS, you have the ability to send notification messages directly to apps on mobile devices. Notification messages sent to a mobile endpoint can appear in the mobile app as message alerts, badge updates, or even sound alerts. Microsoft Windows Mobile Messaging (MWMM) doesn't exist and is not supported by Amazon SNS.

Reference: <http://docs.aws.amazon.com/sns/latest/dg/SNSMobilePush.html>

NEW QUESTION 10

A user plans to use RDS as a managed DB platform. Which of the below mentioned features is not supported by RDS?

- A. Automated backup
- B. Automated scaling to manage a higher load
- C. Automated failure detection and recovery
- D. Automated software patching

Answer: B

Explanation:

AWS RDS provides a managed DB platform, which offers features, such as automated backup, patch management, automated failure detection and recovery. The

scaling is not automated and the user needs to plan it with a few clicks.
Reference: <http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/Welcome.html>

NEW QUESTION 10

What kind of service is provided by AWS DynamoDB?

- A. Relational Database
- B. NoSQL Database
- C. Dynamic Database
- D. Document Database

Answer: B

Explanation:

DynamoDB is a fast, fully managed NoSQL database service. Reference: <http://aws.amazon.com/dynamodb/>

NEW QUESTION 14

In relation to Amazon SQS, how many queues and messages can you have per queue for each user?

- A. Unlimited
- B. 10
- C. 256
- D. 500

Answer: A

Explanation:

Amazon SQS supports an unlimited number of queues and unlimited number of messages per queue for each user. Please be aware that Amazon SQS automatically deletes messages that have been in the queue for more than 4 days.

Reference: <https://aws.amazon.com/items/1343?externalID=1343>

NEW QUESTION 16

A user has created a MySQL RDS instance. Which of the below mentioned options is mandatory to configure while creating an instance?

- A. Multi AZ deployment setup
- B. Automated backup window
- C. Availability Zone
- D. Maintenance window

Answer: A

Explanation:

When creating an RDS instance, the user needs to specify whether it is Multi AZ or not. If the user does not provide the value for the zone, the maintenance window or automated backup window, RDS will automatically select the value.

Reference: <http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/Concepts.MultiAZ.html>

NEW QUESTION 21

A user has attached one RDS security group with 5 RDS instances. The user has changed the ingress rule for the security group. What will be the initial status of the ingress rule?

- A. Approving
- B. Implementing
- C. Authorizing
- D. It is not possible to assign a single group to multiple DB instances

Answer: C

Explanation:

When the user makes any changes to the RDS security group the rule status will be authorizing for some time until the changes are applied to all instances that the group is connected with. Once the changes are propagated the rule status will change to authorized.

Reference: http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_WorkingWithSecurityGroups.html

NEW QUESTION 24

How can a user configure three termination policies for the AutoScaling group?

- A. Define multiple policies in random order
- B. Define multiple policies in the ordered list
- C. Keep updating the AutoScaling group with each policy
- D. The user cannot specify more than two policies for AutoScaling

Answer: B

Explanation:

To configure the Auto Scaling termination policy, the user can either specify any one of the policies as a standalone policy or list multiple policies in an ordered list. The policies are executed in the order that they are listed.

Reference: <http://docs.aws.amazon.com/AutoScaling/latest/DeveloperGuide/us-termination-policy.html>

NEW QUESTION 27

A user has created an application which sends data to a log file. The server hosting the log files can be unavailable due to any reason. The user wants to make it so that whenever the log server is up it should be receiving the messages. Which of the below mentioned AWS services helps achieve this functionality?

- A. AWS Simple Workflow
- B. AWS Simple Task Service
- C. AWS Simple Notification Service
- D. AWS Simple Queue Service

Answer: D

Explanation:

Amazon Simple Queue Service (SQS) is a fast, reliable, scalable, and fully managed message queuing service. SQS provides a simple and cost-effective way to decouple the components of an application. The user can use SQS to transmit any volume of data without losing messages or requiring other services to always be available. Using SQS, the application has to just send the data to SQS and SQS transmits it to the log file whenever it is available.

Reference: <http://aws.amazon.com/sqs/>

NEW QUESTION 30

You have a number of image files to encode. In an Amazon SQS worker queue, you create an Amazon SQS message for each file specifying the command (jpeg-encode) and the location of the file in Amazon S3. Which of the following statements best describes the functionality of Amazon SQS?

- A. Amazon SQS is for single-threaded sending or receiving speeds.
- B. Amazon SQS is a non-distributed queuing system.
- C. Amazon SQS is a distributed queuing system that is optimized for horizontal scalability, not for single-threaded sending or receiving speeds.
- D. Amazon SQS is a distributed queuing system that is optimized for vertical scalability and for single-threaded sending or receiving speeds.

Answer: C

Explanation:

Amazon SQS is a distributed queuing system that is optimized for horizontal scalability, not for single-threaded sending or receiving speeds. A single client can send or receive Amazon SQS messages at a rate of about 5 to 50 messages per second. Higher receive performance can be achieved by requesting multiple messages (up to 10) in a single call. It may take several seconds before a message that has been to a queue is available to be received.

Reference: http://media.amazonwebservices.com/AWS_Storage_Options.pdf

NEW QUESTION 34

An account owner has created an IAM user with the name examkiller. The account owner wants to give EC2 access of only the US West region to that IAM user. How can the owner configure this?

- A. While creating a policy provide the region as a part of the resources
- B. Create an IAM user in the US West region and give access to EC2
- C. Create an IAM policy and define the region in the condition
- D. It is not possible to provide access based on the region

Answer: C

Explanation:

The IAM policy is never region specific. If the user wants to configure the region specific setting, he needs to provide conditions as part of the policy.

Reference: <http://awspolicygen.s3.amazonaws.com/policygen.html>

NEW QUESTION 38

You are building an online store on AWS that uses SQS to process your customer orders. Your backend system needs those messages in the same sequence the customer orders have been put in. How can you achieve that?

- A. You can do this with SQS but you also need to use SWF
- B. Messages will arrive in the same order by default
- C. You can use sequencing information on each message
- D. It is not possible to do this with SQS

Answer: C

Explanation:

Amazon SQS is engineered to always be available and deliver messages. One of the resulting tradeoffs is that SQS does not guarantee first in, first out delivery of messages. For many distributed applications, each message can stand on its own, and as long as all messages are delivered, the order is not important. If your system requires that order be preserved, you can place sequencing information in each message, so that you can reorder the messages when the queue returns them. Reference:

<http://docs.aws.amazon.com/AWSSimpleQueueService/latest/SQSDeveloperGuide/Welcome.html>

NEW QUESTION 40

Which of the below mentioned commands allows the user to share the AMI with his peers using the AWS EC2 CLI?

- A. ec2-share-image-public
- B. ec2-share-image-account
- C. ec2-share-image
- D. ec2-modify-image-attribute

Answer: D

Explanation:

A user can share an AMI with another user / peer using the command: `ec2-modify-image-attribute`

`<AMI-ID> -i -a <AWS Account ID>`

Reference: <http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/sharingamis-explicit.html>

NEW QUESTION 44

A user has created a new EBS volume from an existing snapshot. The user mounts the volume on the instance to which it is attached. Which of the below mentioned options is a required step before the user can mount the volume?

- A. Run a cyclic check on the device for data consistency
- B. Create the file system of the volume
- C. Resize the volume as per the original snapshot size
- D. No step is required
- E. The user can directly mount the device

Answer: D

Explanation:

When a user is trying to mount a blank EBS volume, it is required that the user first creates a file system within the volume. If the volume is created from an existing snapshot then the user needs not to create a file system on the volume as it will wipe out the existing data.

Reference: <http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ebs-using-volumes.html>

NEW QUESTION 48

A user is enabling logging on a particular bucket. Which of the below mentioned options may be best suitable to allow access to the log bucket?

- A. Create an IAM policy and allow log access
- B. It is not possible to enable logging on the S3 bucket
- C. Create an IAM Role which has access to the log bucket
- D. Provide ACL for the logging group

Answer: D

Explanation:

The only recommended use case for the S3 bucket ACL is to grant the write permission to the Amazon S3 Log Delivery group to write access log objects to the user's bucket.

Reference: <http://docs.aws.amazon.com/AmazonS3/latest/dev/access-policy-alternatives-guidelines.html>

NEW QUESTION 51

A user is trying to share a video file with all his friends. Which of the below mentioned AWS services will be cheapest and easy to use?

- A. AWS S3
- B. AWS EC2
- C. AWS RRS
- D. AWS Glacier

Answer: C

Explanation:

AWS RRS provides the same functionality as AWS S3, but at a cheaper rate. It is ideally suited for non mission critical applications. It provides less durability than S3, but is a cheaper option.

Reference: <http://docs.aws.amazon.com/AmazonS3/latest/dev/UsingRRS.html>

NEW QUESTION 54

A user has configured ELB. Which of the below mentioned protocols the user can configure for ELB health checks while setting up ELB?

- A. All of the options
- B. TCP
- C. HTTPS
- D. SSL

Answer: A

Explanation:

An ELB performs a health check on its instances to ensure that it diverts traffic only to healthy instances. The ELB can perform a health check on HTTP, HTTPS, TCP and SSL protocols.

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

NEW QUESTION 58

Is it possible to create an S3 bucket accessible only by a certain IAM user, using policies in a CloudFormation template?

- A. No, you can only create the S3 bucket but not the IAM user.
- B. S3 is not supported by CloudFormation.
- C. Yes, all these resources can be created using a CloudFormation template
- D. No, in the same template you can only create the S3 bucket and the realtive polic

Answer: C

Explanation:

With AWS Identity and Access Management (IAM), you can create IAM users to control who has access to which resources in your AWS account. You can use IAM with AWS CloudFormation to control what AWS CloudFormation actions users can perform, such as view stack templates, create stacks, or delete stacks. In addition to AWS CloudFormation actions, you can manage what AWS services and resources are available to each user.

NEW QUESTION 61

In relation to Amazon Simple Workflow Service (Amazon SWF), what is an "ActMty Worker"?

- A. An indMdual task undertaken by a workflow
- B. The automation of a business process
- C. A piece of software that implements tasks
- D. All answers listed are correct

Answer: C

Explanation:

In relation to Amazon Simple Workflow Service (Amazon SWF), an actMty worker is a program that receives actMty tasks, performs them, and provides results back. Which translates to a piece of software that implements tasks.

Reference: <http://docs.aws.amazon.com/amazonswf/latest/developerguide/swf-dg-develop-actMty.html>

NEW QUESTION 65

You cannot access your AWS console, so you revert to using the CLI that you are not familiar with. Which of the following commands is not a valid CLI command for EC2 instances?

- A. ec2-allocate-address
- B. ec2-attach-internet-gateway
- C. ec2-associate-route-table
- D. ec2-allocate-interface

Answer: D

Explanation:

You can use the CLI tools to manage your Amazon EC2 resources (such as instances, security groups, and volumes) and your Amazon VPC resources (such as VPCs, subnets, route tables, and Internet gateways). Before you can start using the tools, you must download and configure them.

The following are valid CLI commands for EC2 instances: ec2-accept-vpc-peering-connection

ec2-allocate-address

ec2-assign-private-ip-addresses ec2-associate-address

ec2-associate-dhcp-options ec2-associate-route-table

ec2-attach-internet-gateway

ec2-attach-network-interface (not ec2-allocate-interface) Reference:

<http://docs.aws.amazon.com/AWSEC2/latest/CommandLineReference/command-reference.html>

NEW QUESTION 68

Which header received at the EC2 instance identifies the port used by the client while requesting ELB?

- A. X-Forvvarded-Proto
- B. X-Requested-Proto
- C. X-Forvvarded-Port
- D. X-Requested-Port

Answer: C

Explanation:

The X-Forvvarded-Port request header helps the user identify the port used by the client while sending a request to ELB.

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

NEW QUESTION 70

A user has an S3 object in the US Standard region with the content "color=red". The user updates the object with the content as "color=white". If the user tries to read the value 1 minute after it was uploaded, what will S3 return?

- A. It will return "color=white"
- B. It will return "color=red"
- C. It will return an error saying that the object was not found
- D. It may return either "color=red" or "color=white" i.
- E. any of the value

Answer: D

Explanation:

AWS S3 follows the eventual consistent model in the US Standard Region. Once the object is updated it

may return the new value or the old value based on whether all the content is replicated across multiple servers until it becomes consistent (eventual).

Reference: <http://docs.aws.amazon.com/AmazonS3/latest/dev/Introduction.html>

NEW QUESTION 73

A user is creating a snapshot of an EBS volume. Which of the below statements is incorrect in relation to the creation of an EBS snapshot?

- A. Its incremental

- B. It can be used to launch a new instance
- C. It is stored in the same AZ as the volume
- D. It is a point in time backup of the EBS volume

Answer: C

Explanation:

The EBS snapshots are a point in time backup of the EBS volume. It is an incremental snapshot, but is always specific to the region and never specific to a single AZ.

Hence the statement "It is stored in the same AZ as the volume" is incorrect.

Reference: <http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/EBSSnapshots.html>

NEW QUESTION 76

A user is planning to use EBS for his DB requirement. The user already has an EC2 instance running in the VPC private subnet. How can the user attach the EBS volume to a running instance?

- A. The user must create EBS within the same VPC and then attach it to a running instance.
- B. The user can create EBS in the same zone as the subnet of instance and attach that EBS to instance.
- C. It is not possible to attach an EBS to an instance running in VPC until the instance is stopped.
- D. The user can specify the same subnet while creating EBS and then attach it to a running instance

Answer: B

Explanation:

A Virtual Private Cloud (VPC) is a virtual network dedicated to the user's AWS account. The user can create subnets as per the requirement within a VPC. The VPC is always specific to a region. The user can create a VPC which can span multiple Availability Zones by adding one or more subnets in each Availability Zone. The instance launched will always be in the same availability zone of the respective subnet. When creating an EBS the user cannot specify the subnet or VPC.

However, the user must create the EBS in the same zone as the instance so that it can attach the EBS volume to the running instance.

Reference: http://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/VPC_Subnets.html#VPCSubnet

NEW QUESTION 78

Your manager has requested you to tag EC2 instances to orgAMze and manage a load balancer. Which of the following statements about tag restrictions is incorrect?

- A. The maximum key length is 127 Unicode characters.
- B. The maximum value length is 255 Unicode characters.
- C. Tag keys and values are case sensitive.
- D. The maximum number of tags per load balancer is 20.

Answer: D

Explanation:

Tags help you to categorize your load balancers in different ways, for example, by purpose, owner, or environment. The following basic restrictions apply to tags:

The maximum number of tags per resource is

10. The maximum key length is 127 Unicode characters. The maximum value length that can be used is 255 Unicode characters. The tag keys and values are case sensitive. Allowed characters are letters, spaces, and numbers representable in UTF-8, plus the following special characters: + - = . _ : / @. Do not use leading or trailing spaces. Do not use the aws: prefix in your tag names or values because it is reserved for AWS use. You can't edit or delete tag names or values with this prefix. Tags with this prefix do not count against your tags per resource limit.

Reference:

<http://docs.aws.amazon.com/ElasticLoadBalancing/latest/DeveloperGuide/add-remove-tags.html#tag-restrictions>

NEW QUESTION 79

The user has created multiple AutoScaling groups. The user is trying to create a new AS group but it fails. How can the user know that he has reached the AS group limit specified by AutoScaling in that region?

- A. Run the command: as-describe-account-limits
- B. Run the command: as-describe-group-limits
- C. Run the command: as-max-account-limits
- D. Run the command: as-list-account-limits

Answer: A

Explanation:

A user can see the number of AutoScaling resources currently allowed for the AWS account either by using the as-describe-account-limits command or by calling the DescribeAccountLimits action. Reference: <http://docs.aws.amazon.com/AutoScaling/latest/DeveloperGuide/ts-as-capacity.html>

NEW QUESTION 80

A user has enabled serverside encryption with S3. The user downloads the encrypted object from S3. How can the user decrypt it?

- A. S3 does not support server side encryption
- B. S3 provides a server side key to decrypt the object
- C. The user needs to decrypt the object using their own private key
- D. S3 manages encryption and decryption automatically

Answer: D

Explanation:

If the user is using the server-side encryption feature, Amazon S3 encrypts the object data before saving it on disks in its data centres and decrypts it when the

user downloads the objects. Thus, the user is free from the tasks of managing encryption, encryption keys, and related tools.
Reference: <http://docs.aws.amazon.com/AmazonS3/latest/dev/UsingEncryption.html>

NEW QUESTION 82

ExamKiller (with AWS account ID 111122223333) has created 50 IAM users for its orgAMzation's employees. What will be the AWS console URL for these associates?

- A. [https:// 111122223333.signin.aws.amazon.com/console/](https://111122223333.signin.aws.amazon.com/console/)
- B. [https:// signin.aws.amazon.com/console/](https://signin.aws.amazon.com/console/)
- C. <https://signin.aws.amazon.com/111122223333/console/>
- D. <https://signin.aws.amazon.com/console/111122223333/>

Answer: A

Explanation:

When an orgAMzation is using AWS IAM for creating various users and manage their access rights, the IAM user cannot use the login URL <http://aws.amazon.com/console> to access AWS management console. The console login URL for the IAM user will have AWS account ID of that orgAMzation to identify the IAM user belongs to particular account. The AWS console login URL for the IAM user will be [https:// <AWS_Account_ID>.signin.aws.amazon.com/console/](https://<AWS_Account_ID>.signin.aws.amazon.com/console/). In this case it will be [https:// 111122223333.signin.aws.amazon.com/console/](https://111122223333.signin.aws.amazon.com/console/)
Reference: <http://docs.aws.amazon.com/IAM/latest/UserGuide/AccountAlias.html>

NEW QUESTION 84

An orgAMzation has created an application which is hosted on the AWS EC2 instance. The application stores images to S3 when the end user uploads to it. The orgAMzation does not want to store the AWS secure credentials required to access the S3 inside the instance. Which of the below mentioned options is a possible solution to avoid any security threat?

- A. Use the IAM role and assign it to the instance.
- B. Since the application is hosted on EC2, it does not need credentials to access S3.
- C. Use the X.509 certificates instead of the access and the secret access keys.
- D. Use the IAM based single sign between the AWS resources and the orgAMzation applicatio

Answer: A

Explanation:

The AWS IAM role uses temporary security credentials to access AWS services. Once the role is assigned to an instance, it will not need any security credentials to be stored on the instance. Reference: <http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/iam-roles-for-amazon-ec2.html>

NEW QUESTION 88

An orgAMzation has created multiple components of a single application for compartmentalization. Currently all the components are hosted on a single EC2 instance. Due to security reasons the orgAMzation wants to implement two separate SSLs for the separate modules although it is already using VPC. How can the orgAMzation achieve this with a single instance?

- A. Create a VPC instance which will have both the ACL and the security group attached to it and have separate rules for each IP address.
- B. Create a VPC instance which will have multiple network interfaces with multiple elastic IP addresses.
- C. You have to launch two instances each in a separate subnet and allow VPC peering for a single IP.
- D. Create a VPC instance which will have multiple subnets attached to it and each will have a separate IP address.

Answer: B

Explanation:

A Virtual Private Cloud (VPC) is a virtual network dedicated to the user's AWS account. It enables the user to launch AWS resources into a virtual network that the user has defined. With VPC the user can specify multiple private IP addresses for his instances.

The number of network interfaces and private IP addresses that a user can specify for an instance depends on the instance type. With each network interface the orgAMzation can assign an EIP. This scenario helps when the user wants to host multiple websites on a single EC2 instance by using multiple SSL certificates on a single server and associating each certificate with a specific EIP address. It also helps in scenarios for operating network appliances, such as firewalls or load balancers that have multiple private IP addresses for each network interface.

Reference: <http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/MultipleIP.html>

NEW QUESTION 91

ExamKiller has three AWS accounts. They have created separate IAM users within each account. ExamKiller wants a single IAM console URL such as <https://examkiller.signin.aws.amazon.com/console/> for all account users. How can this be achieved?

- A. Merge all the accounts with consolidated billing
- B. Create the same account alias with each account ID
- C. It is not possible to have the same IAM account login URL for separate AWS accounts
- D. Create the S3 bucket with an alias name and use the redirect rule to forward requests to various accounts

Answer: C

Explanation:

If a user wants the URL of the AWS IAM sign-in page to have a company name instead of the AWS account ID, he can create an alias for his AWS account ID. The alias should be unique.

Reference: <http://docs.aws.amazon.com/IAM/latest/UserGuide/AccountAlias.html>

NEW QUESTION 93

A user is uploading archives to Glacier. The user is trying to understand key Glacier resources. Which of the below mentioned options is not a Glacier resource?

- A. Notification configuration

- B. Archive ID
- C. Job
- D. Archive

Answer: B

Explanation:

AWS Glacier has four resources. Vault and Archives are core data model concepts. Job is required to initiate download of archive. The notification configuration is required to send user notification when archive is available for download.

Reference: <http://docs.aws.amazon.com/amazonglacier/latest/dev/amazon-glacier-data-model.html>

NEW QUESTION 95

An orgAMzation has 10 departments. The orgAMzation wants to track the AWS usage of each department. Which of the below mentioned options meets the requirement?

- A. Setup IAM groups for each department and track their usage
- B. Create separate accounts for each department, but use consolidated billing for payment and tracking
- C. Create separate accounts for each department and track them separately
- D. Setup IAM users for each department and track their usage

Answer: B

Explanation:

The cost of an IAM user or groups can never be tracked separately for the purpose of billing. The best solution in this case is to create a separate account for each department and use consolidated billing. Reference: http://docs.aws.amazon.com/IAM/latest/UserGuide/IAM_Introduction.html

NEW QUESTION 97

Regarding Amazon SWF, at times you might want to record information in the workflow history of a workflow execution that is specific to your use case. enable you to record information in the workflow execution history that you can use for any custom or scenario-specific purpose.

- A. Markers B.Tags
- B. Hash keys
- C. Events

Answer: A

Explanation:

In Amazon SWF, at times you might want to record information in the workflow history of a workflow execution that is specific to your use case. Markers enable you to record information in the workflow execution history that you can use for any custom or scenario-specific purpose.

Reference: <http://docs.aws.amazon.com/amazonswf/latest/developerguide/swf-dg-adv.html>

NEW QUESTION 101

An orgAMzation has created 10 IAM users. The orgAMzation wants those users to work independently and access AWS. Which of the below mentioned options is not a possible solution?

- A. Create the access key and secret access key for each user and provide access to AWS using the console
- B. Create the X.509 certificate for each user and provide them access to AWS CLI
- C. Enable MFA for each IAM user and assign them the virtual MFA device to access the console
- D. Provide each user with the IAM login and password for the AWS console

Answer: A

Explanation:

If an orgAMzation has created the IAM users, the users can access AWS services either with an IAM specific login/password or console. The orgAMzation can generate the IAM X.509 certificates to access AWS with CLI. The orgAMzation can also enable MFA for each IAM user, which allows an added security for each IAM user. If the orgAMzation has created the access key and secret key than the user cannot access the console using those keys. Access key and secret access key are useful for CLI or

Webservices.

Reference: http://docs.aws.amazon.com/IAM/latest/UserGuide/IAM_Introduction.htm

NEW QUESTION 102

A bucket owner has allowed another account's IAM users to upload or access objects in his bucket. The IAM user of Account A is trying to access an object created by the IAM user of account B. What will happen in this scenario?

- A. The bucket policy may not be created as S3 will give error due to conflict of Access Rights
- B. It is not possible to give permission to multiple IAM users
- C. AWS S3 will verify proper rights given by the owner of Account A, the bucket owner as well as by the IAM user B to the object
- D. It is not possible that the IAM user of one account accesses objects of the other IAM user

Answer: C

Explanation:

If a IAM user is trying to perform some action on an object belonging to another AWS user's bucket, S3 will verify whether the owner of the IAM user has given sufficient permission to him. It also verifies the policy for the bucket as well as the policy defined by the object owner.

Reference:

<http://docs.aws.amazon.com/AmazonS3/latest/dev/access-control-auth-workflow-object-operation.html>

NEW QUESTION 103

A user has created an EBS volume with 1000 IOPS. What is the average IOPS that the user will get for most of the year as per EC2 SLA if the instance is attached to the EBS optimized instance?

- A. 900
- B. 990
- C. 950
- D. 1000

Answer: A

Explanation:

As per AWS SLA if the instance is attached to an EBS-Optimized instance, then the Provisioned IOPS volumes are designed to deliver within 10% of the provisioned IOPS performance 99.9% of the time in a given year. Thus, if the user has created a volume of 1000 IOPS, the user will get a minimum 900 IOPS 99.9% time of the year.

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

NEW QUESTION 106

Which of the following programming languages have an officially supported AWS SDK? Choose 2 answers

- A. Perl
- B. PHP
- C. Pascal
- D. Java
- E. SQL

Answer: BD

NEW QUESTION 108

How can you secure data at rest on an EBS volume?

- A. Attach the volume to an instance using EC2's SSL interface.
- B. Write the data randomly instead of sequentially.
- C. Use an encrypted file system on top of the EBS volume.
- D. Encrypt the volume using the S3 server-side encryption service.
- E. Create an IAM policy that restricts read and write access to the volume.

Answer: C

NEW QUESTION 112

Which of the following statements about SWF are true? Choose 3 answers

- A. SWF tasks are assigned once and never duplicated
- B. SWF requires an S3 bucket for workflow storage
- C. SWF workflow executions can last up to a year
- D. SWF triggers SNS notifications on task assignment
- E. SWF uses deciders and workers to complete tasks
- F. SWF requires at least 1 EC2 instance per domain

Answer: ACE

NEW QUESTION 115

What item operation allows the retrieval of multiple items from a DynamoDB table in a single API call?

- A. GetItem
- B. BatchGetItem
- C. GetMultipleItems
- D. GetItemRange

Answer: B

NEW QUESTION 120

When a Simple Queue Service message triggers a task that takes 5 minutes to complete, which process below will result in successful processing of the message and remove it from the queue while minimizing the chances of duplicate processing?

- A. Retrieve the message with an increased visibility timeout, process the message, delete the message from the queue
- B. Retrieve the message with an increased visibility timeout, delete the message from the queue, process the message
- C. Retrieve the message with increased DelaySeconds, process the message, delete the message from the queue
- D. Retrieve the message with increased DelaySeconds, delete the message from the queue, process the message

Answer: A

NEW QUESTION 121

Which features can be used to restrict access to data in S3? Choose 2 answers

- A. Use S3 Virtual Hosting

- B. Set an S3 Bucket policy.
- C. Enable IAM Identity Federation.
- D. Set an S3 ACL on the bucket or the object.
- E. Create a CloudFront distribution for the bucket

Answer: CD

NEW QUESTION 125

Company B provides an online image recognition service and utilizes SQS to decouple system components for scalability. The SQS consumers poll the imaging queue as often as possible to keep end-to-end throughput as high as possible. However, Company B is realizing that polling in tight loops is burning CPU cycles and increasing costs with empty responses.

How can Company B reduce the number of empty responses?

- A. Set the imaging queue visibility Timeout attribute to 20 seconds
- B. Set the Imaging queue ReceiveMessageWaitTimeSeconds attribute to 20 seconds
- C. Set the imaging queue MessageRetentionPeriod attribute to 20 seconds
- D. Set the DelaySeconds parameter of a message to 20 seconds

Answer: B

NEW QUESTION 128

Your application is trying to upload a 6 GB file to Simple Storage Service and receive a "Your proposed upload exceeds the maximum allowed object size." error message.

What is a possible solution for this?

- A. None, Simple Storage Service objects are limited to 5 GB
- B. Use the multi-part upload API for this object
- C. Use the large object upload API for this object
- D. Contact support to increase your object size limit
- E. Upload to a different region

Answer: B

NEW QUESTION 130

Which of the following services are included at no additional cost with the use of the AWS platform? Choose 2 answers

- A. Simple Storage Service
- B. Elastic Compute Cloud
- C. Auto Scaling
- D. Elastic Load Balancing
- E. CloudFormation
- F. Simple Workflow Service

Answer: CE

NEW QUESTION 134

Which of the following is chosen as the default region when making an API call with an AWS SDK?

- A. ap-northeast-1
- B. us-west-2
- C. us-east-1
- D. eu-west-1
- E. us-central-1

Answer: C

NEW QUESTION 137

Which of the following statements about SQS is true?

- A. Messages will be delivered exactly once and messages will be delivered in First in, First out order
- B. Messages will be delivered exactly once and message delivery order is indeterminate
- C. Messages will be delivered one or more times and messages will be delivered in First in, First out order
- D. Messages will be delivered one or more times and message delivery order is indeterminate

Answer: D

NEW QUESTION 141

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