



Amazon

Exam Questions AWS-Certified-Developer-Associate

Amazon AWS Certified Developer - Associate

NEW QUESTION 1

A user has launched five instances with ELB. How can the user add the sixth EC2 instance to ELB?

- A. The user can add the sixth instance on the fly.
- B. The user must stop the ELB and add the sixth instance.
- C. The user can add the instance and change the ELB config file.
- D. The ELB can only have a maximum of five instance

Answer: A

Explanation:

Elastic Load Balancing automatically distributes incoming traffic across multiple EC2 instances. You create a load balancer and register instances with the load balancer in one or more Availability Zones. The load balancer serves as a single point of contact for clients. This enables you to increase the availability of your application. You can add and remove EC2 instances from your load balancer as your needs change, without disrupting the overall flow of information.

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

NEW QUESTION 2

Which one of the following operations is NOT a DynamoDB operation?

- A. BatchWriteItem
- B. DescribeTable
- C. BatchGetItem
- D. BatchDeleteItem

Answer: D

Explanation:

In DynamoDB, DeleteItem deletes a single item in a table by primary key, but BatchDeleteItem doesn't exist.

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

NEW QUESTION 3

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 4

is a task coordination and state management service for cloud applications.

- A. Amazon SES
- B. Amazon SWF
- C. Amazon FPS
- D. Amazon SNS

Answer: B

Explanation:

Amazon Simple Workflow (Amazon SWF) is a task coordination and state management service for cloud applications. With Amazon SWF, you can stop writing complex glue-code and state machinery and invest more in the business logic that makes your applications unique.

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

NEW QUESTION 5

When you create a table with a hash-and-range key, you must define one or more secondary indexes on that table.

- A. False, hash-range key is another name for secondary index
- B. False, it is optional
- C. True
- D. False, when you have Hash-Range key you cannot define Secondary index

Answer: B

Explanation:

When you create a table with a hash-and-range key in DynamoDB, you can also define one or more secondary indexes on that table.

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

NEW QUESTION 6

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 7

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 8

What happens if your application performs more reads or writes than your provisioned capacity?

- A. Nothing
- B. requests above your provisioned capacity will be performed but you will receive 400 error codes.
- C. requests above your provisioned capacity will be performed but you will receive 200 error codes.
- D. requests above your provisioned capacity will be throttled and you will receive 400 error code

Answer: D

Explanation:

Speaking about DynamoDB, if your application performs more reads/second or writes/second than your table's provisioned throughput capacity allows, requests above your provisioned capacity will be throttled and you will receive 400 error codes.

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

NEW QUESTION 9

An orgAMzation has launched two applications: one for blogging and one for ECM on the same AWS Linux EC2 instance running in the AWS VPC. The orgAMzation has attached two private IPs (primary and secondary) to the above mentioned instance. The orgAMzation wants the instance OS to recognize the secondary IP address. How can the orgAMzation configure this?

- A. Use the ec2-net-utility package which updates routing tables, uses DHCP to refresh the secondary IP and adds the network interface.
- B. Use the ec2-net-utils package which will configure an additional network interface and update the routing table
- C. Use the ec2-ip-update package which can configure the network interface as well as update the secondary IP with DHCP.
- D. Use the ec2-ip-utility package which can update the routing tables as well as refresh the secondary IP using DHCP.

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. This scenario helps when the user wants to host multiple websites on a single EC2 instance. After the user has assigned a secondary private IP address to his instance, he needs to configure the operating system on that instance to recognize the secondary private IP address. For AWS Linux, the ec2-net-utils package can take care of this step. It configures additional network interfaces that the user can attach while the instance is running, refreshes secondary IP addresses during DHCP lease renewal, and updates the related routing rules.

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

NEW QUESTION 10

Regarding Amazon SQS, are there restrictions on the names of Amazon SQS queues?

- A. No
- B. Ye
- C. Queue names must be unique within an AWS account and you cannot use hyphens (-) and underscores (_)
- D. Ye
- E. Queue names are limited to 80 characters and queue names must be unique within an AWS account
- F. Ye
- G. Queue names are limited to 80 characters but queue names do not need to be unique within an AWS account

Answer: C

Explanation:

Queue names are limited to 80 characters. Alphanumeric characters plus hyphens (-) and underscores (_) are allowed. Queue names must be unique within an AWS account. After you delete a queue, you can reuse the queue name.

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

NEW QUESTION 10

In Amazon SNS, to send push notifications to mobile devices using Amazon SNS and ADM, you need to obtain the following, except:

- A. Client secret
- B. Client ID
- C. Device token
- D. Registration ID

Answer: C

Explanation:

To send push notifications to mobile devices using Amazon SNS and ADM, you need to obtain the following: Registration ID and Client secret.

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

NEW QUESTION 12

Can a user get a notification of each instance start / terminate configured with Auto Scaling?

- A. Yes, always
- B. No
- C. Yes, if configured with the Auto Scaling group
- D. Yes, if configured with the Launch Config

Answer: C

Explanation:

The user can get notifications using SNS if he has configured the notifications while creating the Auto Scaling group.

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

NEW QUESTION 13

Can you SSH to your private machines that reside in a VPC from outside without elastic IP?

- A. Yes, but only if you have direct connect or vpn
- B. Only if you are using a non-US region
- C. Only if you are using a US region
- D. No

Answer: A

Explanation:

The instances that reside in the private subnets of your VPC are not reachable from the Internet, meaning that it is not possible to ssh into them. To interact with them you can use a bastion server, located in a public subnet, that will act as a proxy for them.

You can also connect if you have direct connect or vpn.

Reference: http://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/VPC_Scenario2.html

NEW QUESTION 17

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

Regarding Amazon SWF, the coordination logic in a workflow is contained in a software program called a

- A. Handler
- B. Decider
- C. Coordinator
- D. Worker

Answer: B

Explanation:

In Amazon SWF, the coordination logic in a workflow is contained in a software program called a decider. The decider schedules activity tasks, provides input data to the activity workers, processes events that arrive while the workflow is in progress, and ultimately ends (or closes) the workflow when the objective has been

completed.

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

NEW QUESTION 24

When should a user try to Force Detach an EBS volume?

- A. If the volume is stuck in a detaching state
- B. If the volume is not accessible from the instance
- C. If the volume is not unmounted and the user still wants to detach
- D. If the volume is a root volume

Answer: A

Explanation:

If an EBS volume stays in the detaching state, the user can force the detachment by clicking Force Detach. Forcing the detachment can lead to either data loss or a corrupted file system. The user should use this option only as a last resort to detach a volume from a failed instance or if he is detaching a volume with the intention of deleting it.

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

NEW QUESTION 26

In AWS Elastic Beanstalk, you can update your deployed application even while it is part of a running environment. For a Java application, you can also use to update your deployed application.

- A. the AWS Toolkit for Eclipse
- B. the AWS Toolkit for Visual Studio
- C. the AWS Toolkit for JVM
- D. the AWS Toolkit for Netbeans

Answer: A

Explanation:

In AWS Elastic Beanstalk, you can update your deployed application, even while it is part of a running environment. For a Java application, you can also use the AWS Toolkit for Eclipse to update your deployed application.

Reference: <http://docs.aws.amazon.com/elasticbeanstalk/latest/dg/GettingStarted.Walkthrough.html>

NEW QUESTION 30

Can you configure an RDS Read Replica using CloudFormation templates?

- A. Yes, provided that you have root access.
- B. Yes, when you create a new CloudFormation template
- C. Yes, but not for all Regions.
- D. No, you can add the ReadReplica only when the resource is made available by CloudFormation

Answer: B

Explanation:

AWS CloudFormation gives developers and systems administrators an easy way to create and manage collections of AWS resources. You can now set Read Replicas for your databases with RDS when you create a new CloudFormation template. You can start using it with the sample template of CloudFormation.

Reference:

https://s3.amazonaws.com/cloudformation-templates-us-east-1/RDS_MySQL_With_Read_Replica.template

NEW QUESTION 33

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 35

What is the maximum time messages can be stored in SQS?

- A. 14 days
- B. one month
- C. 4 days
- D. 7 days

Answer: A

Explanation:

A message can be stored in the Simple Queue Service (SQS) from 1 minute up to a maximum of 14 days. Reference:
http://aws.amazon.com/sqs/faqs/#How_long_can_I_keep_my_messages_in_Amazon_SQS_queues

NEW QUESTION 36

You want to have multiple versions of your application running at the same time, with all versions launched via AWS Elastic Beanstalk. Is this possible?

- A. N
- B. However if you have 2 AWS accounts this can be done
- C. N
- D. AWS Elastic Beanstalk is not designed to support multiple running environments
- E. Ye
- F. AWS Elastic Beanstalk is designed to support a number of multiple running environments
- G. Ye
- H. However AWS Elastic Beanstalk is designed to support only 2 multiple running environments

Answer: C

Explanation:

AWS Elastic Beanstalk is designed to support multiple running environments. As an example you could have one for integration testing, one for pre-production, and one for production, with each environment independently configured and running on its own separate AWS resources.
Reference: <https://aws.amazon.com/elasticbeanstalk/faqs/>

NEW QUESTION 38

A user has launched an EBS backed Linux instance. How can a user detach the root device and attach it to another instance as a secondary volume?

- A. Unmount the root volume first and then detach it
- B. It is not possible to mount the root volume to some other instance
- C. Stop the first instance and then attach instance's root volume as a new volume to the other instance
- D. It is not possible to mount the root device as a secondary volume on the other instance

Answer: C

Explanation:

If an Amazon EBS volume is the root device of an instance, it cannot be detached unless the instance is in the stopped state.
Reference: <http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ebs-detaching-volume.html>

NEW QUESTION 39

When using Amazon SQS how much data can you store in a message?

- A. 8 KB
- B. 2 KB
- C. 16 KB
- D. 4 KB

Answer: A

Explanation:

With Amazon SQS version 2008-01-01, the maximum message size for both SOAP and Query requests is 8KB.
If you need to send messages to the queue that are larger than 8 KB, AWS recommends that you split the information into separate messages. Alternatively, you could use Amazon S3 or Amazon SimpleDB to hold the information and include the pointer to that information in the Amazon SQS message.
If you send a message that is larger than 8KB to the queue, you will receive a MessageTooLong error with HTTP code 400.
Reference: <https://aws.amazon.com/items/1343?externalID=1343>

NEW QUESTION 43

A user has launched one EC2 instance in the US West region. The user wants to access the RDS instance launched in the US East region from that EC2 instance. How can the user configure the access for that EC2 instance?

- A. It is not possible to access RDS of the US East region from the US West region
- B. Open the security group of the US West region in the RDS security group's ingress rule
- C. Configure the IP range of the US West region instance as the ingress security rule of RDS
- D. Create an IAM role which has access to RDS and launch an instance in the US West region with it

Answer: C

Explanation:

The user cannot authorize an Amazon EC2 security group if it is in a different AWS Region than the RDS DB instance. The user can authorize an IP range or specify an Amazon EC2 security group in the same region that refers to an IP address in another region.
Reference: http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_WorkingWithSecurityGroups.html

NEW QUESTION 46

In regard to AWS CloudFormation, what is a stack?

- A. The set of AWS templates that are created and managed as a template
- B. The set of AWS resources that are created and managed as a template
- C. The set of AWS resources that are created and managed as a single unit
- D. The set of AWS templates that are created and managed as a single unit

Answer:

C

Explanation:

A stack is the set of AWS resources that are created and managed as a single unit when AWS CloudFormation initiates a template.

Reference: <http://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/concept-stack.html>

NEW QUESTION 51

When you use the AWS Elastic Beanstalk console to deploy a new application you'll need to upload a source bundle and it should .

- A. Consist of a single .zip file
- B. Consist of a single .war file
- C. Consist of a single .zip file or .war file
- D. Consist of a folder with all files

Answer: C

Explanation:

When you use the AWS Elastic Beanstalk console to deploy a new application or an application version, you'll need to upload a source bundle. Your source bundle must meet the following requirements: Consist of a single .zip file or .war file

Not exceed 512 MB

Not include a parent folder or top-level directory (subdirectories are fine) Reference:

<http://docs.aws.amazon.com/elasticbeanstalk/latest/dg/using-features.deployment.source.html>

NEW QUESTION 53

How does Amazon SQS allow multiple readers to access the same message queue without losing messages or processing them many times?

- A. By identifying a user by his unique id
- B. By using unique cryptography
- C. Amazon SQS queue has a configurable visibility timeout.
- D. Multiple readers can't access the same message queue

Answer: C

Explanation:

Every Amazon SQS queue has a configurable visibility timeout. For the designated amount of time after a message is read from a queue, it will not be visible to any other reader. As long as the amount of time that it takes to process the message is less than the visibility timeout, every message will be processed and deleted. In the event that the component processing the message fails or becomes unavailable, the message will again become visible to any component reading the queue once the visibility timeout ends. This allows you to have many components all reading messages from the same queue, with each working to process different messages.

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

NEW QUESTION 56

In DynamoDB, a secondary index is a data structure that contains a subset of attributes from a table, along with an alternate key to support operations.

- A. None of the above
- B. Both
- C. Query
- D. Scan

Answer: C

Explanation:

In DynamoDB, a secondary index is a data structure that contains a subset of attributes from a table, along with an alternate key to support Query operations.

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

NEW QUESTION 57

Which of the following device names is recommended for an EBS volume that can be attached to an Amazon EC2 Instance running Windows?

- A. xvd[a-e]
- B. /mnt/sd[b-e]
- C. xvd[f-p]
- D. /dev/sda1

Answer: C

Explanation:

The xvd[f-p] is the recommended device name for EBS volumes that can be attached to the Amazon EC2 Instances running on Windows.

Reference: http://docs.aws.amazon.com/AWSEC2/latest/WindowsGuide/device_naming.html

NEW QUESTION 60

Bob is an IAM user who has access to the EC2 services. Admin is an IAM user who has access to all the AWS services including IAM. Can Bob change his password?

- A. No, the IAM user can never change the password
- B. Yes, provided Admin has given Bob access to change his password
- C. Yes, only from AWS CLI
- D. Yes, only from the AWS console

Answer: B

Explanation:

The IAM users by default cannot change their password. The root owner or IAM administrator needs to set the policy in the password policy page, which should allow the user to change their password. Once it is enabled, the IAM user can always change their passwords from the AWS console or CLI.

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

NEW QUESTION 62

A user has created photo editing software and hosted it on EC2. The software accepts requests from the user about the photo format and resolution and sends a message to S3 to enhance the picture accordingly. Which of the below mentioned AWS services will help make a scalable software with the AWS infrastructure in this scenario?

- A. AWS Elastic Transcoder
- B. AWS Simple Notification Service
- C. AWS Simple Queue Service
- D. AWS Glacier

Answer: C

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 configure SQS, which will decouple the call between the EC2 application and S3. Thus, the application does not keep waiting for S3 to provide the data.

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

NEW QUESTION 64

A user has created a blank EBS volume in the US-East-1 region. The user is unable to attach the volume to a running instance in the same region. What could be the possible reason for this?

- A. The instance must be in a running state
- B. It is required to stop the instance to attach volume
- C. The AZ for the instance and volume are different
- D. The instance is from an instance store backed AMI
- E. The instance has enabled the volume attach protection

Answer: B

Explanation:

An EBS volume provides persistent data storage. The user can attach a volume to any instance provided they are both in the same AZ. Even if they are in the same region but in a different AZ, it will not be able to attach the volume to that instance.

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

NEW QUESTION 65

A user is planning to host a mobile game on EC2 which sends notifications to active users on either high score or the addition of new features. The user should get this notification when he is online on his mobile device. Which of the below mentioned AWS services can help achieve this functionality?

- A. AWS Simple Notification Service.
- B. AWS Simple Queue Service.
- C. AWS Mobile Communication Service.
- D. AWS Simple Email Service

Answer: A

Explanation:

Amazon Simple Notification Service (Amazon SNS) is a fast, flexible, and fully managed push messaging service. Amazon SNS makes it simple and cost-effective to push to mobile devices, such as iPhone, iPad, Android, Kindle Fire, and internet connected smart devices, as well as pushing to other distributed services.

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

NEW QUESTION 67

ExamKiller (with AWS account ID H1122223333) has created 50 IAM users for its organization's employees. ExamKiller wants to make the AWS console login URL for all IAM users like: <https://examkiller.signin.aws.amazon.com/console/>. How can this be configured?

- A. The user needs to use Route 53 to map the examkiller domain and IAM URL
- B. Create an IAM AWS account alias with the name examkiller
- C. It is not possible to have a personalized IAM login URL
- D. Create an IAM hosted zone Identity for the domain examkiller

Answer: B

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.

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

NEW QUESTION 70

In regards to Amazon SQS how many times will you receive each message?

- A. At least twice

- B. Exactly once
- C. As many times as you want
- D. At least once

Answer: D

Explanation:

Amazon SQS is engineered to provide "at least once" delivery of all messages in its queues. Although most of the time, each message will be delivered to your application exactly once, you should design your system so that processing a message more than once does not create any errors or inconsistencies. Reference: <https://aws.amazon.com/sqs/faqs/>

NEW QUESTION 73

A user has set an IAM policy where it allows all requests if a request from IP 10.10.10.1/32. Another policy allows all the requests between 5 PM to 7 PM. What will happen when a user is requesting access from IP 10.10.10.1/32 at 6 PM?

- A. IAM will throw an error for policy conflict
- B. It is not possible to set a policy based on the time or IP
- C. It will deny access
- D. It will allow access

Answer: D

Explanation:

With regard to IAM, when a request is made, the AWS service decides whether a given request should be allowed or denied. The evaluation logic follows these rules:

By default, all requests are denied. (In general, requests made using the account credentials for resources in the account are always allowed.)

An explicit allow policy overrides this default. An explicit deny policy overrides any allows. Reference:

http://docs.aws.amazon.com/IAM/latest/UserGuide/AccessPolicyLanguage_EvaluationLogic.html

NEW QUESTION 75

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 78

A user has launched an RDS instance. The user has created 3 databases on the same server. What can the maximum size be for each database?

- A. The size of each DB cannot be more than 3 TB
- B. It is not possible to have more than one DB on a single instance
- C. The total instance storage size cannot be more than 3 TB
- D. The size of each DB cannot be more than 1 TB

Answer: C

Explanation:

The AWS RDS DB instance is an isolated DB environment provided by AWS in which the user can create more than 1 database. The maximum size of the instance should be between 5 GB and 3 TB. The size of each DB can be anything in this range.

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

NEW QUESTION 82

Which Amazon service is not used by Elastic Beanstalk?

- A. Amazon S3
- B. Amazon ELB
- C. Auto scaling
- D. Amazon EMR

Answer: D

Explanation:

Elastic Beanstalk leverages AWS services such as Amazon Elastic Cloud Compute (Amazon EC2), Amazon Simple Storage Service (Amazon S3), Amazon Simple Notification Service (Amazon SNS), Elastic Load Balancing and Auto Scaling to deliver the same highly reliable, scalable, and cost-effective infrastructure that hundreds of thousands of businesses depend on today.

Reference: <http://docs.aws.amazon.com/elasticbeanstalk/latest/dg/welcome.html>

NEW QUESTION 85

Which of the below mentioned options can be a good use case for storing content in AWS S3?

- A. Storing mission critical data Files
- B. Storing infrequently used log files
- C. Storing a video file which is not reproducible
- D. Storing image thumbnails

Answer: D

Explanation:

AWS RRS provides the same functionality as AWS S3, but at a cheaper rate. It is ideally suited for non-mission, critical applications, such as files which can be reproduced.

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

NEW QUESTION 87

A user is using an EBS backed instance. Which of the below mentioned statements is true?

- A. The user will be charged for volume and instance only when the instance is running
- B. The user will be charged for the volume even if the instance is stopped
- C. The user will be charged only for the instance running cost
- D. The user will not be charged for the volume if the instance is stopped

Answer: B

Explanation:

If a user has launched an EBS backed instance, the user will be charged for the EBS volume even though the instance is in a stopped state. The instance will be charged for the EC2 hourly cost only when it is running.

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

NEW QUESTION 92

AWS Elastic Beanstalk will change the health status of a web server environment tier to gray color when:

- A. AWS Elastic Beanstalk detects other problems with the environment that are known to make the application unavailable
- B. Your application hasn't responded to the application health check URL within the last one hour.
- C. Your application hasn't responded to the application health check URL within the last five minutes.
- D. Your application's health status is unknown because status is reported when the application is not in the ready state.

Answer: D

Explanation:

AWS Elastic Beanstalk will change the health status of a web server environment tier to gray color when your application's health status is unknown (because status is reported when the application is not in the ready state).

Reference: <http://docs.aws.amazon.com/elasticbeanstalk/latest/dg/using-features.healthstatus.html>

NEW QUESTION 95

A user wants to access RDS from an EC2 instance using IP addresses. Both RDS and EC2 are in the same region, but different AZs. Which of the below mentioned options help configure that the instance is accessed faster?

- A. Configure the Private IP of the Instance in RDS security group
- B. Security group of EC2 allowed in the RDS security group
- C. Configuring the elastic IP of the instance in RDS security group
- D. Configure the Public IP of the instance in RDS security group

Answer: A

Explanation:

If the user is going to specify an IP range in RDS security group, AWS recommends using the private IP address of the Amazon EC2 instance. This provides a more direct network route from the Amazon EC2 instance to the Amazon RDS DB instance, and does not incur network charges for the data sent outside of the Amazon network.

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

NEW QUESTION 96

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 101

You are using Amazon SQS and are getting a "Queue Deleted Recently" error. What is wrong?

- A. The message is too big
- B. You have incorrect permissions
- C. Another user has deleted the queue
- D. If you delete a queue, you need to wait for at least 60 seconds before creating a queue with the same name

Answer: D

Explanation:

If you delete a queue, you need to wait for at least 60 seconds before creating a queue with the same name. Please note that when you delete a queue, the deletion process takes up to 60 seconds. Requests you send to a recently deleted queue might succeed during the 60-second period. For example, a `SendMessage` request might succeed, but after 60 seconds the queue and that message you sent no longer exists.

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

NEW QUESTION 102

What is the maximum number of tags that a user can assign to an EC2 instance?

- A. 50
- B. 10
- C. 5
- D. 25

Answer: B

Explanation:

To help manage EC2 instances as well as their usage in a better way, the user can tag the instances. The tags are metadata assigned by the user which consists of a key and a value. One resource can have a maximum of 10 tags.

Reference: http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/Using_Tags.html

NEW QUESTION 104

How do you configure SQS to support longer message retention?

- A. Set the `MessageRetentionPeriod` attribute using the `SetQueueAttributes` method
- B. Using a Lambda function
- C. You can't
- D. It is set to 14 days and cannot be changed
- E. You need to request it from AWS

Answer: A

Explanation:

To configure the message retention period, set the `MessageRetentionPeriod` attribute using the `SetQueueAttributes` method. This attribute is used to specify the number of seconds a message will be retained by SQS. Currently the default value for the message retention period is 4 days. Using the `MessageRetentionPeriod` attribute, the message retention period can be set anywhere from 60 seconds (1 minute), up to 1209600 seconds (14 days).

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

NEW QUESTION 107

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 109

An organization is hosting an application as part of the free usage tier. The organization wants to create IAM users for each of its 150 employees and they may access AWS as part of free usage tier. What will you advise the organization?

- A. The IAM is not available as a part of the free usage tier
- B. Create IAM roles and give access based on role since it will not cost the user
- C. Do not create more than 100 users as it will cost the organization.
- D. Create IAM users for each employee as it does not cost

Answer: D

Explanation:

IAM is a free service. You can create as many IAM users or groups as desired free of cost. Reference: http://docs.aws.amazon.com/IAM/latest/UserGuide/IAM_Introduction.html

NEW QUESTION 112

What is the data model of DynamoDB?

- A. "Items", with Keys and one or more Attribute; and "Attribute", with Name and Value.
- B. "Database", which is a set of "Tables", which is a set of "Items", which is a set of "Attributes".
- C. "Table", a collection of Items; "Items", with Keys and one or more Attribute; and "Attribute", with Name and Value.
- D. "Database", a collection of Tables; "Tables", with Keys and one or more Attribute; and "Attribute", with Name and Value.

Answer: C

Explanation:

The data model of DynamoDB is: "Table", a collection of Items;

"Items", with Keys and one or more Attribute; "Attribute", with Name and Value.

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

NEW QUESTION 116

A user is trying to configure access with S3. Which of the following options is not possible to provide access to the S3 bucket / object?

- A. Define the policy for the IAM user
- B. Define the ACL for the object
- C. Define the policy for the object
- D. Define the policy for the bucket

Answer: C

Explanation:

Amazon S3 offers access policy options broadly categorized as resource-based policies and user policies.

Access policies, such as ACL and resource policy can be attached to the bucket. With the object the user can only have ACL and not an object policy. The user can also attach access policies to the IAM users in the account. These are called user policies.

Reference: <http://docs.aws.amazon.com/AmazonS3/latest/dev/s3-access-control.html>

NEW QUESTION 120

An orgAMzation has enabled a strict password policy for its IAM users. The orgAMzation is taking help from the IAM console to set the password policy. Which of the below mentioned rules cannot be specified by the user as a part of the policy?

- A. Allow at least one lower case letter
- B. Allow at least one number
- C. Allow at least one non-alphanumeric character
- D. Do not allow the user to use the password from the last three passwords

Answer: D

Explanation:

AWS IAM allows an orgAMzation to create multiple users and provide them access to various AWS services. By default when the user is created, he does not have password enabled and can not login to AWS console. If the orgAMzation wants to allow the users to login to AWS console, they can enable password for each user. It is required that IAM users follow certain guidelines to set their IAM login password. For this IAM provides root account owner to setup password policy. The password policy also lets the specify whether all IAM users can change their own passwords. As part of policy, orgAMzation can specify that passwords for IAM users must be of a certain minimum length, must include certain characters, and a few more criteria such as below.

One upper/ lower or both letters One alpha numeric

One number

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

NEW QUESTION 123

A user has developed an application which is required to send the data to a NoSQL database. The user wants to decouple the data sending such that the application keeps processing and sending data but does not wait for an acknowledgement of DB. Which of the below mentioned applications helps in this scenario?

- A. AWS Simple Notification Service
- B. AWS Simple Workflow
- C. AWS Simple Query 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. In this case, the user can use AWS SQS to send messages which are received from an application and sent to DB. The application can continue processing data without waiting for any acknowledgement from DB. The user can use SQS to transmit any volume of data without losing messages or requiring other services to always be available.

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

NEW QUESTION 124

In regard to DynamoDB, can I modify the index once it is created?

- A. Yes, if it is a primary hash key index
- B. Yes, if it is a Global secondary index
- C. No
- D. Yes, if it is a local secondary index

Answer: C

Explanation:

Currently, in DynamoDB, an index cannot be modified once it is created. Reference: http://aws.amazon.com/dynamodb/faqs/#security_anchor

NEW QUESTION 126

A user is launching an AWS RDS with MySQL. Which of the below mentioned options allows the user to configure the INNODB engine parameters?

- A. Options group
- B. Engine parameters
- C. Parameter groups
- D. DB parameters

Answer: C

Explanation:

With regard to RDS, the user can manage the configuration of a DB engine by using a DB parameter group. A DB parameter group contains engine configuration values that can be applied to one or more DB instances of the same instance type.

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

NEW QUESTION 131

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/. 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 135

A user is planning to host MS SQL on an EBS volume. It was recommended to use the AWS RDS. What advantages will the user have if he uses RDS in comparison to an EBS based DB?

- A. Better throughput with PIOPS
- B. Automated backup
- C. NIS SQL is not supported with RDS
- D. High availability with multi AZs

Answer: B

Explanation:

Comparing with on-premises or EC2 based NIS SQL, RDS provides an automated backup feature. PIOPS is available with both RDS and EBS. However, HA is not available with NIS SQL.

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

NEW QUESTION 137

The user has configured AutoScaling based on the dynamic policy. Which of the following is not the right command to specify a change in capacity as a part of the policy?

- A. "adjustment=-50" (type is PercentChangeInCapacity)
- B. "adjustment=3" (type is ExactCapacity)
- C. "adjustment=-1" (type is ChangeInCapacity)
- D. "adjustment=-8" (type is ExactCapacity)

Answer: D

Explanation:

The user can configure the AutoScaling group to automatically scale up and then scale down based on the various specified CloudWatch monitoring conditions. The user needs to provide the adjustment value and the adjustment type. A positive adjustment value increases the current capacity and a negative adjustment value decreases the current capacity. The user can express the change to the current size as an absolute number, an increment or as a percentage of the current group size.

In this option specifying the exact capacity with the adjustment value = -8 will not work as when type is exact capacity the adjustment value cannot be negative.

Reference:

<http://docs.aws.amazon.com/AutoScaling/latest/DeveloperGuide/as-scale-based-on-demand.html>

NEW QUESTION 138

True or False: AWS CloudFormation allows you to create Microsoft Windows stacks.

- A. False, AWS CloudFormation does not support Microsoft Windows.
- B. False, Amazon doesn't support Microsoft Windows.
- C. False, you cannot create Windows stacks.
- D. True

Answer: D

Explanation:

AWS CloudFormation allows you to create Microsoft Windows stacks based on Amazon EC2 Windows Amazon Machine Images (AMIs) and provides you with the ability to install software, to use remote desktop to access your stack, and to update and configure your stack.

Reference: <http://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/cfn-windows-stacks.html>

NEW QUESTION 139

Which of the following solutions is not supported by DynamoDB:

- A. Hash secondary index
- B. Local secondary index
- C. Hash Primary Key
- D. Global secondary index

Answer: A

Explanation:

In DynamoDB, a secondary index is a data structure that contains a subset of attributes from a table, along with an alternate key to support Query operations. DynamoDB supports the following two types of secondary indexes:

Local secondary index is an index that has the same hash key as the table, but a different range key. A local secondary index is "local" in the sense that every partition of a local secondary index is scoped to a table partition that has the same hash key.

Global secondary index is an index with a hash and range key that can be different from those on the table. A global secondary index is considered "global" because queries on the index can span all of the data in a table, across all partitions.

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

NEW QUESTION 140

An ELB is diverting traffic across 5 instances. One of the instances was unhealthy only for 20 minutes. What will happen after 20 minutes when the instance becomes healthy?

- A. ELB will never divert traffic back to the same instance
- B. ELB will not automatically send traffic to the same instance
- C. However, the user can configure to start sending traffic to the same instance
- D. ELB starts sending traffic to the instance once it is healthy
- E. ELB terminates the instance once it is unhealthy
- F. Thus, the instance cannot be healthy after 10 minutes

Answer: C

Explanation:

AWS Elastic Load Balancing continuously checks the health of an instance. If one of the instances is unhealthy it stops sending traffic to it and automatically reroutes the traffic to the remaining running EC2 instances. If the failed EC2 instance is restored, Elastic Load Balancing will again start sending traffic to that instance.

Reference: <http://docs.aws.amazon.com/ElasticLoadBalancing/latest/DeveloperGuide/SvcIntro.htm>

NEW QUESTION 141

A user is creating an EBS volume. He asks for your advice. Which advice mentioned below should you not give to the user for creating an EBS volume?

- A. Take the snapshot of the volume when the instance is stopped
- B. Stripe multiple volumes attached to the same instance
- C. Create an AMI from the attached volume
- D. Attach multiple volumes to the same instance

Answer: C

Explanation:

When a user creates an EBS volume, the user can attach it to a running instance. The user can attach multiple volumes to the same instance and stripe them together to increase the I/O. The user can take a snapshot from the existing volume but cannot create an AMI from the volume. However, the user can create an AMI from a snapshot.

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

NEW QUESTION 145

AWS Elastic Beanstalk stores your application files and optionally server log files in .

- A. Amazon Storage Gateway
- B. Amazon Glacier
- C. Amazon EC2
- D. Amazon S3

Answer: D

Explanation:

AWS Elastic Beanstalk stores your application files and optionally server log files in Amazon S3. If you are using the AWS Management Console, Git, the AWS Toolkit for Visual Studio, or AWS Toolkit for Eclipse, an Amazon S3 bucket will be created in your account for you and the files you upload will be automatically copied from your local client to Amazon S3. Optionally, you may configure Elastic Beanstalk to copy your server log files every hour to Amazon S3. You do this by editing the environment configuration settings.

Reference: <http://docs.aws.amazon.com/elasticbeanstalk/latest/dg/AWSHowTo.html>

NEW QUESTION 149

Which of the following device names is reserved for the root device for Linux instances of Amazon EC2?

- A. /dev/sda1
- B. /dev/sd[b-e]
- C. xvd[a-e]
- D. /dev/sd[f-p][1 -6]

Answer: A

Explanation:

/dev/sda1 is the name of the device reserved for the root device for Linux instances. Reference:
http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/device_naming.html

NEW QUESTION 151

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 156

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 157

What is the maximum size for messages stored in SQS?

- A. 256KB
- B. 128KB
- C. 1024KB
- D. 64KB

Answer: A

Explanation:

By default, SQS queues allow you to send the largest supported payload size, currently 256KB. You can choose to specify a limit on how many bytes can be sent per payload, using the `MaximumMessageSize` attribute of the `SetQueueAttributes` method.
Reference: <http://aws.amazon.com/sqs/faqs/>

NEW QUESTION 161

A user is planning to host data with RDS. Which of the below mentioned databases is not supported by RDS?

- A. PostgreSQL
- B. SQLDB
- C. Oracle
- D. MS SQL

Answer: B

Explanation:

Amazon Relational Database Service (Amazon RDS) is a web service that makes it easier to set up, operate, and scale a relational database in the cloud. AWS RDS supports popular DBs, such as MySQL, PostgreSQL, MS SQL and Oracle. This means that the code, applications, and tools user is already using with existing databases can be used with Amazon RDS too. In short, it is a managed Relation Database offering from AWS which manages backups, software

patching, automatic failure detection, and recovery of Database.

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

NEW QUESTION 166

A user has configured an automated backup between 5 AM — 5:30 AM for the MySQL RDS DB. Will the performance of RDS get frozen momentarily during a backup?

- A. No
- B. Yes, only if the instance size is smaller than large size
- C. Yes, provided it is a single zone implementation
- D. Yes, always

Answer: C

Explanation:

Amazon RDS provides two different methods for backing up and restoring the Amazon DB instances. A brief I/O freeze, typically lasting a few seconds, occurs during both automated backups and DB snapshot operations on Single-AZ DB instances.

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

NEW QUESTION 168

Regarding Amazon SNS, to send messages to a queue through a topic, you must subscribe the queue to the Amazon SNS topic. You specify the queue by its .

- A. ARN
- B. Token
- C. Registration ID
- D. URL

Answer: A

Explanation:

In Amazon SNS, to send messages to a queue through a topic, you must subscribe the queue to the Amazon SNS topic. You specify the queue by its ARN.

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

NEW QUESTION 171

When working with AWS CloudFormation Templates what is the maximum number of stacks that you can create?

- A. 500
- B. 50
- C. 20
- D. 10

Answer: C

Explanation:

CloudFormation Limits

Maximum number of AWS CloudFormation stacks that you can create is 20 stacks. Reference:

<http://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/cloudformation-limits.html>

NEW QUESTION 172

A user is having access to objects of an S3 bucket which is not owned by him. If he is trying to set the objects of that bucket public, which of the below mentioned options may be a right fit for this action?

- A. Make the bucket public with full access
- B. Define the policy for the bucket
- C. Provide ACL on the object
- D. Create an IAM user with permission

Answer: C

Explanation:

An S3 object ACL is the only way to manage access to objects which are not owned by the bucket owner. An AWS account that owns the bucket can grant another AWS account permission to upload objects. The bucket owner does not own these objects. The AWS account that created the object must grant permissions using object ACLs.

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

NEW QUESTION 174

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 179

A user wants to achieve High Availability with PostgreSQL DB. Which of the below mentioned functionalities helps achieve HA?

- A. Read Replica
- B. Multi AZ
- C. Multi region
- D. PostgreSQL does not support HA

Answer: B

Explanation:

The Multi AZ feature allows the user to achieve High Availability. For Multi AZ, Amazon RDS automatically provisions and maintains a synchronous "standby" replica in a different Availability Zone. Reference: <http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/Welcome.html>

NEW QUESTION 182

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 186

You have an environment that consists of a public subnet using Amazon VPC and 3 instances that are running in this subnet. These three instances can successfully communicate with other hosts on the Internet. You launch a fourth instance in the same subnet, using the same AMI and security group configuration you used for the others, but find that this instance cannot be accessed from the Internet. What should you do to enable internet access?

- A. Deploy a NAT instance into the public subnet.
- B. Modify the routing table for the public subnet
- C. Configure a publically routable IP Address In the host OS of the fourth instance.
- D. Assign an Elastic IP address to the fourth instanc

Answer: D

NEW QUESTION 190

Which of the following is an example of a good DynamoDB hash key schema for provisioned throughput efficiency?

- A. User ID, where the application has many different users.
- B. Status Code where most status codes are the same
- C. Device ID, where one is by far more popular than all the others.
- D. Game Type, where there are three possible game types

Answer: A

NEW QUESTION 195

Which of the following are correct statements with policy evaluation logic in AWS Identity and Access Management? Choose 2 answers

- A. By default, all requests are denied
- B. An explicit allow overrides an explicit deny
- C. An explicit allow overrides default deny.
- D. An explicit deny does not override an explicit allow
- E. By default, all request are allowed

Answer: AC

NEW QUESTION 199

A startup's photo-sharing site is deployed in a VPC. An ELB distributes web traffic across two subnets. ELB session stickiness is configured to use the AWS-generated session cookie, with a session TTL of 5 minutes. The webserver Auto Scaling Group is configured as: min-size=4, max-size=4.

The startups preparing for a public launch, by running load-testing software installed on a single EC2 instance running in us-west-2a. After 60 minutes of load-testing, the webserver logs show:

WEBSERVER LOGS	# of HTTP requests from load-tester	# of HTTP requests from private beta users
webserver #1 (subnet in us-west-2a):	19,210	434
webserver #2 (subnet in us-west-2a):	21,790	490
webserver #3 (subnet in us-west-2b):	0	410
webserver #4 (subnet in us-west-2b):	0	428

Which recommendations can help ensure load-testing HTTP requests are evenly distributed across the

four webserver? Choose 2 answers

- A. Launch and run the load-tester EC2 instance from us-east-1 instead.
- B. Re-configure the load-testing software to re-resolve DNS for each web request.
- C. Use a 3rd-party load-testing service which offers globally-distributed test clients.
- D. Configure ELB and Auto Scaling to distribute across us-west-2a and us-west-2c.
- E. Configure ELB session stickiness to use the app-specific session cooki

Answer: BE

NEW QUESTION 203

If a message is retrieved from a queue in Amazon SQS, how long is the message inaccessible to other users by default?

- A. 0 seconds
- B. 1 hour
- C. 1 day
- D. forever
- E. 30 seconds

Answer: E

NEW QUESTION 207

Which of the following are valid SNS delivery transports? Choose 2 answers

- A. HTTP
- B. UDP
- C. SNIS
- D. DynamoDB
- E. Named Pipes

Answer: AC

NEW QUESTION 210

In AWS, which security aspects are the customer's responsibility? Choose 4 answers

- A. Life-cycle management of IAM credentials
- B. Decommissioning storage devices
- C. Security Group and ACL (Access Control List) settings
- D. Encryption of EBS (Elastic Block Storage) volumes
- E. Controlling physical access to compute resources
- F. Patch management on the EC2 instance's operating system

Answer: ABCF

NEW QUESTION 215

You are providing AWS consulting services for a company developing a new mobile application that will be leveraging Amazon SNS Mobile Push for push notifications. In order to send direct notification messages to individual devices each device registration identifier or token needs to be registered with SNS; however the developers are not sure of the best way to do this. You advise them to:

- A. Bulk upload the device tokens contained in a CSV file via the AWS Management Console.
- B. Let the push notification service (e.
- C. Amazon Device Messaging) handle the registration.
- D. Implement a token vending service to handle the registration.
- E. Call the CreatePlatformEndPoint API function to register multiple device token

Answer: B

NEW QUESTION 217

Company C is currently hosting their corporate site in an Amazon S3 bucket with Static Website Hosting enabled. Currently, when visitors go to <http://www.companyc.com> the index.html page is returned. Company C now would like a new page welcome.html to be returned when a visitor enters <http://www.companyc.com> in the browser.

Which of the following steps will allow Company C to meet this requirement? Choose 2 answers

- A. Upload an html page named welcome.html to their S3 bucket
- B. Create a welcome subfolder in their S3 bucket
- C. Set the Index Document property to welcome.html
- D. Move the index.html page to a welcome subfolder
- E. Set the Error Document property to welcome.html

Answer: AC

NEW QUESTION 219

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 223

Which code snippet below returns the URL of a load balanced web site created in CloudFormation with an AWS::ElasticLoadBalancing::LoadBalancer resource name "ElasticLoad Balancer"?

- A. "Fn::Join" : ["" . ["http://", {"Fn::GetAtr" : ["ElasticLoadBalancer", "DNSName"]}]]
- B. "Fn::Join" : ["" . ["http://", {"Fn::GetAtr" : ["ElasticLoadBalancer", "Url"]}]]
- C. "Fn::Join" : ["" . ["http://", {"Ref" : "ElasticLoadBalancerUrl"}]]
- D. "Fn::Join" : ["http://", {"Ref" : "ElasticLoadBalancerDNSName"}]]

Answer: B

NEW QUESTION 224

How can software determine the public and private IP addresses of the Amazon EC2 instance that it is running on?

- A. Query the appropriate Amazon CloudWatch metric.
- B. Use ipconfig or ifconfig command.
- C. Query the local instance userdata.
- D. Query the local instance metadat

Answer: D

NEW QUESTION 225

Which of the following items are required to allow an application deployed on an EC2 instance to write data to a DynamoDB table? Assume that no security Keys are allowed to be stored on the EC2 instance. Choose 2 answers

- A. Create an IAM User that allows write access to the DynamoDB table.
- B. Add an IAM Role to a running EC2 instance.
- C. Add an IAM User to a running EC2 Instance.
- D. Launch an EC2 Instance with the IAM Role included in the launch configuration.
- E. Create an IAM Role that allows write access to the DynamoDB table.
- F. Launch an EC2 Instance with the IAM User included in the launch configuration.

Answer: DE

NEW QUESTION 229

Which of the following services are key/value stores? Choose 3 answers

- A. Amazon ElastiCache
- B. Simple Notification Service
- C. DynamoDB
- D. Simple Workflow Service
- E. Simple Storage Service

Answer: ABC

NEW QUESTION 233

How is provisioned throughput affected by the chosen consistency model when reading data from a DynamoDB table?

- A. Strongly consistent reads use the same amount of throughput as eventually consistent reads
- B. Strongly consistent reads use more throughput than eventually consistent reads.
- C. Strongly consistent reads use less throughput than eventually consistent reads
- D. Strongly consistent reads use variable throughput depending on read actMty

Answer: B

NEW QUESTION 235

If an application is storing hourly log files from thousands of instances from a high traffic web site, which naming scheme would give optimal performance on S3?

- A. Sequential
- B. instanceID_log-HH-DD-NIM-YYYY
- C. instanceID_log-YYYY-NIM-DD-HH
- D. HH-DD-NINI-YYYY-log_instanceID
- E. YYYY-MM-DD-HH-log_instanceID

Answer: E

NEW QUESTION 239

You run an ad-supported photo sharing website using S3 to serve photos to visitors of your site. At some point you find out that other sites have been linking to the photos on your site, causing loss to your business.
What is an effective method to mitigate this?

- A. Store photos on an EBS volume of the web server
- B. Remove public read access and use signed URLs with expiry dates.
- C. Use CloudFront distributions for static content.
- D. Block the IPs of the offending websites in Security Group

Answer: B

NEW QUESTION 242

Games-R-Us is launching a new game app for mobile devices. Users will log into the game using their existing Facebook account and the game will record player data and scoring information directly to a DynamoDB table.
What is the most secure approach for signing requests to the DynamoDB API?

- A. Create an IAM user with access credentials that are distributed with the mobile app to sign the requests
- B. Distribute the AWS root account access credentials with the mobile app to sign the requests
- C. Request temporary security credentials using web identity federation to sign the requests
- D. Establish cross account access between the mobile app and the DynamoDB table to sign the requests

Answer: C

NEW QUESTION 243

After launching an instance that you intend to serve as a NAT (Network Address Translation) device in a public subnet you modify your route tables to have the NAT device be the target of internet bound traffic of your private subnet. When you try and make an outbound connection to the Internet from an instance in the private subnet, you are not successful.
Which of the following steps could resolve the issue?

- A. Attaching a second Elastic Network interface (ENI) to the NAT instance, and placing it in the private subnet
- B. Attaching a second Elastic Network Interface (ENI) to the instance in the private subnet, and placing it in the public subnet
- C. Disabling the Source/Destination Check attribute on the NAT instance
- D. Attaching an Elastic IP address to the instance in the private subnet

Answer: C

NEW QUESTION 244

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 245

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NEW QUESTION 1

A user has launched five instances with ELB. How can the user add the sixth EC2 instance to ELB?

- A. The user can add the sixth instance on the fly.
- B. The user must stop the ELB and add the sixth instance.
- C. The user can add the instance and change the ELB config file.
- D. The ELB can only have a maximum of five instance

Answer: A

Explanation:

Elastic Load Balancing automatically distributes incoming traffic across multiple EC2 instances. You create a load balancer and register instances with the load balancer in one or more Availability Zones. The load balancer serves as a single point of contact for clients. This enables you to increase the availability of your application. You can add and remove EC2 instances from your load balancer as your needs change, without disrupting the overall flow of information.

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

NEW QUESTION 2

Which one of the following operations is NOT a DynamoDB operation?

- A. BatchWriteItem
- B. DescribeTable
- C. BatchGetItem
- D. BatchDeleteItem

Answer: D

Explanation:

In DynamoDB, DeleteItem deletes a single item in a table by primary key, but BatchDeleteItem doesn't exist.

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

NEW QUESTION 3

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 4

is a task coordination and state management service for cloud applications.

- A. Amazon SES
- B. Amazon SWF
- C. Amazon FPS
- D. Amazon SNS

Answer: B

Explanation:

Amazon Simple Workflow (Amazon SWF) is a task coordination and state management service for cloud applications. With Amazon SWF, you can stop writing complex glue-code and state machinery and invest more in the business logic that makes your applications unique.

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

NEW QUESTION 5

When you create a table with a hash-and-range key, you must define one or more secondary indexes on that table.

- A. False, hash-range key is another name for secondary index
- B. False, it is optional
- C. True
- D. False, when you have Hash-Range key you cannot define Secondary index

Answer: B

Explanation:

When you create a table with a hash-and-range key in DynamoDB, you can also define one or more secondary indexes on that table.

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

NEW QUESTION 6

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 7

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 8

What happens if your application performs more reads or writes than your provisioned capacity?

- A. Nothing
- B. requests above your provisioned capacity will be performed but you will receive 400 error codes.
- C. requests above your provisioned capacity will be performed but you will receive 200 error codes.
- D. requests above your provisioned capacity will be throttled and you will receive 400 error code

Answer: D

Explanation:

Speaking about DynamoDB, if your application performs more reads/second or writes/second than your table's provisioned throughput capacity allows, requests above your provisioned capacity will be throttled and you will receive 400 error codes.

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

NEW QUESTION 9

An orgAMzation has launched two applications: one for blogging and one for ECM on the same AWS Linux EC2 instance running in the AWS VPC. The orgAMzation has attached two private IPs (primary and secondary) to the above mentioned instance. The orgAMzation wants the instance OS to recognize the secondary IP address. How can the orgAMzation configure this?

- A. Use the ec2-net-utility package which updates routing tables, uses DHCP to refresh the secondary IP and adds the network interface.
- B. Use the ec2-net-utils package which will configure an additional network interface and update the routing table
- C. Use the ec2-ip-update package which can configure the network interface as well as update the secondary IP with DHCP.
- D. Use the ec2-ip-utility package which can update the routing tables as well as refresh the secondary IP using DHCP.

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. This scenario helps when the user wants to host multiple websites on a single EC2 instance. After the user has assigned a secondary private IP address to his instance, he needs to configure the operating system on that instance to recognize the secondary private IP address. For AWS Linux, the ec2-net-utils package can take care of this step. It configures additional network interfaces that the user can attach while the instance is running, refreshes secondary IP addresses during DHCP lease renewal, and updates the related routing rules.

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

NEW QUESTION 10

Regarding Amazon SQS, are there restrictions on the names of Amazon SQS queues?

- A. No
- B. Ye
- C. Queue names must be unique within an AWS account and you cannot use hyphens (-) and underscores (_)
- D. Ye
- E. Queue names are limited to 80 characters and queue names must be unique within an AWS account
- F. Ye
- G. Queue names are limited to 80 characters but queue names do not need to be unique within an AWS account

Answer: C

Explanation:

Queue names are limited to 80 characters. Alphanumeric characters plus hyphens (-) and underscores (_) are allowed. Queue names must be unique within an AWS account. After you delete a queue, you can reuse the queue name.

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

NEW QUESTION 10

In Amazon SNS, to send push notifications to mobile devices using Amazon SNS and ADM, you need to obtain the following, except:

- A. Client secret
- B. Client ID
- C. Device token
- D. Registration ID

Answer: C

Explanation:

To send push notifications to mobile devices using Amazon SNS and ADM, you need to obtain the following: Registration ID and Client secret.

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

NEW QUESTION 12

Can a user get a notification of each instance start / terminate configured with Auto Scaling?

- A. Yes, always
- B. No
- C. Yes, if configured with the Auto Scaling group
- D. Yes, if configured with the Launch Config

Answer: C

Explanation:

The user can get notifications using SNS if he has configured the notifications while creating the Auto Scaling group.

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

NEW QUESTION 13

Can you SSH to your private machines that reside in a VPC from outside without elastic IP?

- A. Yes, but only if you have direct connect or vpn
- B. Only if you are using a non-US region
- C. Only if you are using a US region
- D. No

Answer: A

Explanation:

The instances that reside in the private subnets of your VPC are not reachable from the Internet, meaning that it is not possible to ssh into them. To interact with them you can use a bastion server, located in a public subnet, that will act as a proxy for them.

You can also connect if you have direct connect or vpn.

Reference: http://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/VPC_Scenario2.html

NEW QUESTION 17

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

Regarding Amazon SWF, the coordination logic in a workflow is contained in a software program called a

- A. Handler
- B. Decider
- C. Coordinator
- D. Worker

Answer: B

Explanation:

In Amazon SWF, the coordination logic in a workflow is contained in a software program called a decider. The decider schedules activity tasks, provides input data to the activity workers, processes events that arrive while the workflow is in progress, and ultimately ends (or closes) the workflow when the objective has been

completed.

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

NEW QUESTION 24

When should a user try to Force Detach an EBS volume?

- A. If the volume is stuck in a detaching state
- B. If the volume is not accessible from the instance
- C. If the volume is not unmounted and the user still wants to detach
- D. If the volume is a root volume

Answer: A

Explanation:

If an EBS volume stays in the detaching state, the user can force the detachment by clicking Force Detach. Forcing the detachment can lead to either data loss or a corrupted file system. The user should use this option only as a last resort to detach a volume from a failed instance or if he is detaching a volume with the intention of deleting it.

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

NEW QUESTION 26

In AWS Elastic Beanstalk, you can update your deployed application even while it is part of a running environment. For a Java application, you can also use to update your deployed application.

- A. the AWS Toolkit for Eclipse
- B. the AWS Toolkit for Visual Studio
- C. the AWS Toolkit for JVM
- D. the AWS Toolkit for Netbeans

Answer: A

Explanation:

In AWS Elastic Beanstalk, you can update your deployed application, even while it is part of a running environment. For a Java application, you can also use the AWS Toolkit for Eclipse to update your deployed application.

Reference: <http://docs.aws.amazon.com/elasticbeanstalk/latest/dg/GettingStarted.Walkthrough.html>

NEW QUESTION 30

Can you configure an RDS Read Replica using CloudFormation templates?

- A. Yes, provided that you have root access.
- B. Yes, when you create a new CloudFormation template
- C. Yes, but not for all Regions.
- D. No, you can add the ReadReplica only when the resource is made available by CloudFormation

Answer: B

Explanation:

AWS CloudFormation gives developers and systems administrators an easy way to create and manage collections of AWS resources. You can now set Read Replicas for your databases with RDS when you create a new CloudFormation template. You can start using it with the sample template of CloudFormation.

Reference:

https://s3.amazonaws.com/cloudformation-templates-us-east-1/RDS_MySQL_With_Read_Replica.template

NEW QUESTION 33

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 35

What is the maximum time messages can be stored in SQS?

- A. 14 days
- B. one month
- C. 4 days
- D. 7 days

Answer: A

Explanation:

A message can be stored in the Simple Queue Service (SQS) from 1 minute up to a maximum of 14 days. Reference:
http://aws.amazon.com/sqs/faqs/#How_long_can_I_keep_my_messages_in_Amazon_SQS_queues

NEW QUESTION 36

You want to have multiple versions of your application running at the same time, with all versions launched via AWS Elastic Beanstalk. Is this possible?

- A. N
- B. However if you have 2 AWS accounts this can be done
- C. N
- D. AWS Elastic Beanstalk is not designed to support multiple running environments
- E. Ye
- F. AWS Elastic Beanstalk is designed to support a number of multiple running environments
- G. Ye
- H. However AWS Elastic Beanstalk is designed to support only 2 multiple running environments

Answer: C

Explanation:

AWS Elastic Beanstalk is designed to support multiple running environments. As an example you could have one for integration testing, one for pre-production, and one for production, with each environment independently configured and running on its own separate AWS resources.
Reference: <https://aws.amazon.com/elasticbeanstalk/faqs/>

NEW QUESTION 38

A user has launched an EBS backed Linux instance. How can a user detach the root device and attach it to another instance as a secondary volume?

- A. Unmount the root volume first and then detach it
- B. It is not possible to mount the root volume to some other instance
- C. Stop the first instance and then attach instance's root volume as a new volume to the other instance
- D. It is not possible to mount the root device as a secondary volume on the other instance

Answer: C

Explanation:

If an Amazon EBS volume is the root device of an instance, it cannot be detached unless the instance is in the stopped state.
Reference: <http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ebs-detaching-volume.html>

NEW QUESTION 39

When using Amazon SQS how much data can you store in a message?

- A. 8 KB
- B. 2 KB
- C. 16 KB
- D. 4 KB

Answer: A

Explanation:

With Amazon SQS version 2008-01-01, the maximum message size for both SOAP and Query requests is 8KB.
If you need to send messages to the queue that are larger than 8 KB, AWS recommends that you split the information into separate messages. Alternatively, you could use Amazon S3 or Amazon SimpleDB to hold the information and include the pointer to that information in the Amazon SQS message.
If you send a message that is larger than 8KB to the queue, you will receive a MessageTooLong error with HTTP code 400.
Reference: <https://aws.amazon.com/items/1343?externalID=1343>

NEW QUESTION 43

A user has launched one EC2 instance in the US West region. The user wants to access the RDS instance launched in the US East region from that EC2 instance. How can the user configure the access for that EC2 instance?

- A. It is not possible to access RDS of the US East region from the US West region
- B. Open the security group of the US West region in the RDS security group's ingress rule
- C. Configure the IP range of the US West region instance as the ingress security rule of RDS
- D. Create an IAM role which has access to RDS and launch an instance in the US West region with it

Answer: C

Explanation:

The user cannot authorize an Amazon EC2 security group if it is in a different AWS Region than the RDS DB instance. The user can authorize an IP range or specify an Amazon EC2 security group in the same region that refers to an IP address in another region.
Reference: http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_WorkingWithSecurityGroups.html

NEW QUESTION 46

In regard to AWS CloudFormation, what is a stack?

- A. The set of AWS templates that are created and managed as a template
- B. The set of AWS resources that are created and managed as a template
- C. The set of AWS resources that are created and managed as a single unit
- D. The set of AWS templates that are created and managed as a single unit

Answer:

C

Explanation:

A stack is the set of AWS resources that are created and managed as a single unit when AWS CloudFormation initiates a template.

Reference: <http://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/concept-stack.html>

NEW QUESTION 51

When you use the AWS Elastic Beanstalk console to deploy a new application you'll need to upload a source bundle and it should .

- A. Consist of a single .zip file
- B. Consist of a single .war file
- C. Consist of a single .zip file or .war file
- D. Consist of a folder with all files

Answer: C

Explanation:

When you use the AWS Elastic Beanstalk console to deploy a new application or an application version, you'll need to upload a source bundle. Your source bundle must meet the following requirements: Consist of a single .zip file or .war file

Not exceed 512 MB

Not include a parent folder or top-level directory (subdirectories are fine) Reference:

<http://docs.aws.amazon.com/elasticbeanstalk/latest/dg/using-features.deployment.source.html>

NEW QUESTION 53

How does Amazon SQS allow multiple readers to access the same message queue without losing messages or processing them many times?

- A. By identifying a user by his unique id
- B. By using unique cryptography
- C. Amazon SQS queue has a configurable visibility timeout.
- D. Multiple readers can't access the same message queue

Answer: C

Explanation:

Every Amazon SQS queue has a configurable visibility timeout. For the designated amount of time after a message is read from a queue, it will not be visible to any other reader. As long as the amount of time that it takes to process the message is less than the visibility timeout, every message will be processed and deleted. In the event that the component processing the message fails or becomes unavailable, the message will again become visible to any component reading the queue once the visibility timeout ends. This allows you to have many components all reading messages from the same queue, with each working to process different messages.

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

NEW QUESTION 56

In DynamoDB, a secondary index is a data structure that contains a subset of attributes from a table, along with an alternate key to support operations.

- A. None of the above
- B. Both
- C. Query
- D. Scan

Answer: C

Explanation:

In DynamoDB, a secondary index is a data structure that contains a subset of attributes from a table, along with an alternate key to support Query operations.

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

NEW QUESTION 57

Which of the following device names is recommended for an EBS volume that can be attached to an Amazon EC2 Instance running Windows?

- A. xvd[a-e]
- B. /mnt/sd[b-e]
- C. xvd[f-p]
- D. /dev/sda1

Answer: C

Explanation:

The xvd[f-p] is the recommended device name for EBS volumes that can be attached to the Amazon EC2 Instances running on Windows.

Reference: http://docs.aws.amazon.com/AWSEC2/latest/WindowsGuide/device_naming.html

NEW QUESTION 60

Bob is an IAM user who has access to the EC2 services. Admin is an IAM user who has access to all the AWS services including IAM. Can Bob change his password?

- A. No, the IAM user can never change the password
- B. Yes, provided Admin has given Bob access to change his password
- C. Yes, only from AWS CLI
- D. Yes, only from the AWS console

Answer: B

Explanation:

The IAM users by default cannot change their password. The root owner or IAM administrator needs to set the policy in the password policy page, which should allow the user to change their password. Once it is enabled, the IAM user can always change their passwords from the AWS console or CLI.

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

NEW QUESTION 62

A user has created photo editing software and hosted it on EC2. The software accepts requests from the user about the photo format and resolution and sends a message to S3 to enhance the picture accordingly. Which of the below mentioned AWS services will help make a scalable software with the AWS infrastructure in this scenario?

- A. AWS Elastic Transcoder
- B. AWS Simple Notification Service
- C. AWS Simple Queue Service
- D. AWS Glacier

Answer: C

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 configure SQS, which will decouple the call between the EC2 application and S3. Thus, the application does not keep waiting for S3 to provide the data.

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

NEW QUESTION 64

A user has created a blank EBS volume in the US-East-1 region. The user is unable to attach the volume to a running instance in the same region. What could be the possible reason for this?

- A. The instance must be in a running state
- B. It is required to stop the instance to attach volume
- C. The AZ for the instance and volume are different
- D. The instance is from an instance store backed AMI
- E. The instance has enabled the volume attach protection

Answer: B

Explanation:

An EBS volume provides persistent data storage. The user can attach a volume to any instance provided they are both in the same AZ. Even if they are in the same region but in a different AZ, it will not be able to attach the volume to that instance.

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

NEW QUESTION 65

A user is planning to host a mobile game on EC2 which sends notifications to active users on either high score or the addition of new features. The user should get this notification when he is online on his mobile device. Which of the below mentioned AWS services can help achieve this functionality?

- A. AWS Simple Notification Service.
- B. AWS Simple Queue Service.
- C. AWS Mobile Communication Service.
- D. AWS Simple Email Service

Answer: A

Explanation:

Amazon Simple Notification Service (Amazon SNS) is a fast, flexible, and fully managed push messaging service. Amazon SNS makes it simple and cost-effective to push to mobile devices, such as iPhone, iPad, Android, Kindle Fire, and internet connected smart devices, as well as pushing to other distributed services.

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

NEW QUESTION 67

ExamKiller (with AWS account ID H1122223333) has created 50 IAM users for its organization's employees. ExamKiller wants to make the AWS console login URL for all IAM users like: <https://examkiller.signin.aws.amazon.com/console/>. How can this be configured?

- A. The user needs to use Route 53 to map the examkiller domain and IAM URL
- B. Create an IAM AWS account alias with the name examkiller
- C. It is not possible to have a personalized IAM login URL
- D. Create an IAM hosted zone Identity for the domain examkiller

Answer: B

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.

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

NEW QUESTION 70

In regards to Amazon SQS how many times will you receive each message?

- A. At least twice

- B. Exactly once
- C. As many times as you want
- D. At least once

Answer: D

Explanation:

Amazon SQS is engineered to provide "at least once" delivery of all messages in its queues. Although most of the time, each message will be delivered to your application exactly once, you should design your system so that processing a message more than once does not create any errors or inconsistencies. Reference: <https://aws.amazon.com/sqs/faqs/>

NEW QUESTION 73

A user has set an IAM policy where it allows all requests if a request from IP 10.10.10.1/32. Another policy allows all the requests between 5 PM to 7 PM. What will happen when a user is requesting access from IP 10.10.10.1/32 at 6 PM?

- A. IAM will throw an error for policy conflict
- B. It is not possible to set a policy based on the time or IP
- C. It will deny access
- D. It will allow access

Answer: D

Explanation:

With regard to IAM, when a request is made, the AWS service decides whether a given request should be allowed or denied. The evaluation logic follows these rules:

By default, all requests are denied. (In general, requests made using the account credentials for resources in the account are always allowed.)

An explicit allow policy overrides this default. An explicit deny policy overrides any allows. Reference:

http://docs.aws.amazon.com/IAM/latest/UserGuide/AccessPolicyLanguage_EvaluationLogic.html

NEW QUESTION 75

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 78

A user has launched an RDS instance. The user has created 3 databases on the same server. What can the maximum size be for each database?

- A. The size of each DB cannot be more than 3 TB
- B. It is not possible to have more than one DB on a single instance
- C. The total instance storage size cannot be more than 3 TB
- D. The size of each DB cannot be more than 1 TB

Answer: C

Explanation:

The AWS RDS DB instance is an isolated DB environment provided by AWS in which the user can create more than 1 database. The maximum size of the instance should be between 5 GB and 3 TB. The size of each DB can be anything in this range.

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

NEW QUESTION 82

Which Amazon service is not used by Elastic Beanstalk?

- A. Amazon S3
- B. Amazon ELB
- C. Auto scaling
- D. Amazon EMR

Answer: D

Explanation:

Elastic Beanstalk leverages AWS services such as Amazon Elastic Cloud Compute (Amazon EC2), Amazon Simple Storage Service (Amazon S3), Amazon Simple Notification Service (Amazon SNS), Elastic Load Balancing and Auto Scaling to deliver the same highly reliable, scalable, and cost-effective infrastructure that hundreds of thousands of businesses depend on today.

Reference: <http://docs.aws.amazon.com/elasticbeanstalk/latest/dg/welcome.html>

NEW QUESTION 85

Which of the below mentioned options can be a good use case for storing content in AWS S3?

- A. Storing mission critical data Files
- B. Storing infrequently used log files
- C. Storing a video file which is not reproducible
- D. Storing image thumbnails

Answer: D

Explanation:

AWS RRS provides the same functionality as AWS S3, but at a cheaper rate. It is ideally suited for non-mission, critical applications, such as files which can be reproduced.

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

NEW QUESTION 87

A user is using an EBS backed instance. Which of the below mentioned statements is true?

- A. The user will be charged for volume and instance only when the instance is running
- B. The user will be charged for the volume even if the instance is stopped
- C. The user will be charged only for the instance running cost
- D. The user will not be charged for the volume if the instance is stopped

Answer: B

Explanation:

If a user has launched an EBS backed instance, the user will be charged for the EBS volume even though the instance is in a stopped state. The instance will be charged for the EC2 hourly cost only when it is running.

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

NEW QUESTION 92

AWS Elastic Beanstalk will change the health status of a web server environment tier to gray color when:

- A. AWS Elastic Beanstalk detects other problems with the environment that are known to make the application unavailable
- B. Your application hasn't responded to the application health check URL within the last one hour.
- C. Your application hasn't responded to the application health check URL within the last five minutes.
- D. Your application's health status is unknown because status is reported when the application is not in the ready state.

Answer: D

Explanation:

AWS Elastic Beanstalk will change the health status of a web server environment tier to gray color when your application's health status is unknown (because status is reported when the application is not in the ready state).

Reference: <http://docs.aws.amazon.com/elasticbeanstalk/latest/dg/using-features.healthstatus.html>

NEW QUESTION 95

A user wants to access RDS from an EC2 instance using IP addresses. Both RDS and EC2 are in the same region, but different AZs. Which of the below mentioned options help configure that the instance is accessed faster?

- A. Configure the Private IP of the Instance in RDS security group
- B. Security group of EC2 allowed in the RDS security group
- C. Configuring the elastic IP of the instance in RDS security group
- D. Configure the Public IP of the instance in RDS security group

Answer: A

Explanation:

If the user is going to specify an IP range in RDS security group, AWS recommends using the private IP address of the Amazon EC2 instance. This provides a more direct network route from the Amazon EC2 instance to the Amazon RDS DB instance, and does not incur network charges for the data sent outside of the Amazon network.

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

NEW QUESTION 96

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 101

You are using Amazon SQS and are getting a "Queue Deleted Recently" error. What is wrong?

- A. The message is too big
- B. You have incorrect permissions
- C. Another user has deleted the queue
- D. If you delete a queue, you need to wait for at least 60 seconds before creating a queue with the same name

Answer: D

Explanation:

If you delete a queue, you need to wait for at least 60 seconds before creating a queue with the same name. Please note that when you delete a queue, the deletion process takes up to 60 seconds. Requests you send to a recently deleted queue might succeed during the 60-second period. For example, a `SendMessage` request might succeed, but after 60 seconds the queue and that message you sent no longer exists.

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

NEW QUESTION 102

What is the maximum number of tags that a user can assign to an EC2 instance?

- A. 50
- B. 10
- C. 5
- D. 25

Answer: B

Explanation:

To help manage EC2 instances as well as their usage in a better way, the user can tag the instances. The tags are metadata assigned by the user which consists of a key and a value. One resource can have a maximum of 10 tags.

Reference: http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/Using_Tags.html

NEW QUESTION 104

How do you configure SQS to support longer message retention?

- A. Set the `MessageRetentionPeriod` attribute using the `SetQueueAttributes` method
- B. Using a Lambda function
- C. You can't
- D. It is set to 14 days and cannot be changed
- E. You need to request it from AWS

Answer: A

Explanation:

To configure the message retention period, set the `MessageRetentionPeriod` attribute using the `SetQueueAttributes` method. This attribute is used to specify the number of seconds a message will be retained by SQS. Currently the default value for the message retention period is 4 days. Using the `MessageRetentionPeriod` attribute, the message retention period can be set anywhere from 60 seconds (1 minute), up to 1209600 seconds (14 days).

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

NEW QUESTION 107

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 109

An organization is hosting an application as part of the free usage tier. The organization wants to create IAM users for each of its 150 employees and they may access AWS as part of free usage tier. What will you advise the organization?

- A. The IAM is not available as a part of the free usage tier
- B. Create IAM roles and give access based on role since it will not cost the user
- C. Do not create more than 100 users as it will cost the organization.
- D. Create IAM users for each employee as it does not cost

Answer: D

Explanation:

IAM is a free service. You can create as many IAM users or groups as desired free of cost. Reference: http://docs.aws.amazon.com/IAM/latest/UserGuide/IAM_Introduction.html

NEW QUESTION 112

What is the data model of DynamoDB?

- A. "Items", with Keys and one or more Attribute; and "Attribute", with Name and Value.
- B. "Database", which is a set of "Tables", which is a set of "Items", which is a set of "Attributes".
- C. "Table", a collection of Items; "Items", with Keys and one or more Attribute; and "Attribute", with Name and Value.
- D. "Database", a collection of Tables; "Tables", with Keys and one or more Attribute; and "Attribute", with Name and Value.

Answer: C

Explanation:

The data model of DynamoDB is: "Table", a collection of Items;

"Items", with Keys and one or more Attribute; "Attribute", with Name and Value.

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

NEW QUESTION 116

A user is trying to configure access with S3. Which of the following options is not possible to provide access to the S3 bucket / object?

- A. Define the policy for the IAM user
- B. Define the ACL for the object
- C. Define the policy for the object
- D. Define the policy for the bucket

Answer: C

Explanation:

Amazon S3 offers access policy options broadly categorized as resource-based policies and user policies.

Access policies, such as ACL and resource policy can be attached to the bucket. With the object the user can only have ACL and not an object policy. The user can also attach access policies to the IAM users in the account. These are called user policies.

Reference: <http://docs.aws.amazon.com/AmazonS3/latest/dev/s3-access-control.html>

NEW QUESTION 120

An orgAMzation has enabled a strict password policy for its IAM users. The orgAMzation is taking help from the IAM console to set the password policy. Which of the below mentioned rules cannot be specified by the user as a part of the policy?

- A. Allow at least one lower case letter
- B. Allow at least one number
- C. Allow at least one non-alphanumeric character
- D. Do not allow the user to use the password from the last three passwords

Answer: D

Explanation:

AWS IAM allows an orgAMzation to create multiple users and provide them access to various AWS services. By default when the user is created, he does not have password enabled and can not login to AWS console. If the orgAMzation wants to allow the users to login to AWS console, they can enable password for each user. It is required that IAM users follow certain guidelines to set their IAM login password. For this IAM provides root account owner to setup password policy. The password policy also lets the specify whether all IAM users can change their own passwords. As part of policy, orgAMzation can specify that passwords for IAM users must be of a certain minimum length, must include certain characters, and a few more criteria such as below.

One upper/ lower or both letters
One alpha numeric

One number

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

NEW QUESTION 123

A user has developed an application which is required to send the data to a NoSQL database. The user wants to decouple the data sending such that the application keeps processing and sending data but does not wait for an acknowledgement of DB. Which of the below mentioned applications helps in this scenario?

- A. AWS Simple Notification Service
- B. AWS Simple Workflow
- C. AWS Simple Query 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. In this case, the user can use AWS SQS to send messages which are received from an application and sent to DB. The application can continue processing data without waiting for any acknowledgement from DB. The user can use SQS to transmit any volume of data without losing messages or requiring other services to always be available.

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

NEW QUESTION 124

In regard to DynamoDB, can I modify the index once it is created?

- A. Yes, if it is a primary hash key index
- B. Yes, if it is a Global secondary index
- C. No
- D. Yes, if it is a local secondary index

Answer: C

Explanation:

Currently, in DynamoDB, an index cannot be modified once it is created. Reference: http://aws.amazon.com/dynamodb/faqs/#security_anchor

NEW QUESTION 126

A user is launching an AWS RDS with MySQL. Which of the below mentioned options allows the user to configure the INNODB engine parameters?

- A. Options group
- B. Engine parameters
- C. Parameter groups
- D. DB parameters

Answer: C

Explanation:

With regard to RDS, the user can manage the configuration of a DB engine by using a DB parameter group. A DB parameter group contains engine configuration values that can be applied to one or more DB instances of the same instance type.

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

NEW QUESTION 131

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 135

A user is planning to host MS SQL on an EBS volume. It was recommended to use the AWS RDS. What advantages will the user have if he uses RDS in comparison to an EBS based DB?

- A. Better throughput with PIOPS
- B. Automated backup
- C. NIS SQL is not supported with RDS
- D. High availability with multi AZs

Answer: B

Explanation:

Comparing with on-premises or EC2 based NIS SQL, RDS provides an automated backup feature. PIOPS is available with both RDS and EBS. However, HA is not available with NIS SQL.

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

NEW QUESTION 137

The user has configured AutoScaling based on the dynamic policy. Which of the following is not the right command to specify a change in capacity as a part of the policy?

- A. "adjustment=-50" (type is PercentChangeInCapacity)
- B. "adjustment=3" (type is ExactCapacity)
- C. "adjustment=-1" (type is ChangeInCapacity)
- D. "adjustment=-8" (type is ExactCapacity)

Answer: D

Explanation:

The user can configure the AutoScaling group to automatically scale up and then scale down based on the various specified CloudWatch monitoring conditions. The user needs to provide the adjustment value and the adjustment type. A positive adjustment value increases the current capacity and a negative adjustment value decreases the current capacity. The user can express the change to the current size as an absolute number, an increment or as a percentage of the current group size.

In this option specifying the exact capacity with the adjustment value = -8 will not work as when type is exact capacity the adjustment value cannot be negative.

Reference:

<http://docs.aws.amazon.com/AutoScaling/latest/DeveloperGuide/as-scale-based-on-demand.html>

NEW QUESTION 138

True or False: AWS CloudFormation allows you to create Microsoft Windows stacks.

- A. False, AWS CloudFormation does not support Microsoft Windows.
- B. False, Amazon doesn't support Microsoft Windows.
- C. False, you cannot create Windows stacks.
- D. True

Answer: D

Explanation:

AWS CloudFormation allows you to create Microsoft Windows stacks based on Amazon EC2 Windows Amazon Machine Images (AMIs) and provides you with the ability to install software, to use remote desktop to access your stack, and to update and configure your stack.

Reference: <http://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/cfn-windows-stacks.html>

NEW QUESTION 139

Which of the following solutions is not supported by DynamoDB:

- A. Hash secondary index
- B. Local secondary index
- C. Hash Primary Key
- D. Global secondary index

Answer: A

Explanation:

In DynamoDB, a secondary index is a data structure that contains a subset of attributes from a table, along with an alternate key to support Query operations. DynamoDB supports the following two types of secondary indexes:

Local secondary index is an index that has the same hash key as the table, but a different range key. A local secondary index is "local" in the sense that every partition of a local secondary index is scoped to a table partition that has the same hash key.

Global secondary index is an index with a hash and range key that can be different from those on the table. A global secondary index is considered "global" because queries on the index can span all of the data in a table, across all partitions.

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

NEW QUESTION 140

An ELB is diverting traffic across 5 instances. One of the instances was unhealthy only for 20 minutes. What will happen after 20 minutes when the instance becomes healthy?

- A. ELB will never divert traffic back to the same instance
- B. ELB will not automatically send traffic to the same instance
- C. However, the user can configure to start sending traffic to the same instance
- D. ELB starts sending traffic to the instance once it is healthy
- E. ELB terminates the instance once it is unhealthy
- F. Thus, the instance cannot be healthy after 10 minutes

Answer: C

Explanation:

AWS Elastic Load Balancing continuously checks the health of an instance. If one of the instances is unhealthy it stops sending traffic to it and automatically reroutes the traffic to the remaining running EC2 instances. If the failed EC2 instance is restored, Elastic Load Balancing will again start sending traffic to that instance.

Reference: <http://docs.aws.amazon.com/ElasticLoadBalancing/latest/DeveloperGuide/SvcIntro.htm>

NEW QUESTION 141

A user is creating an EBS volume. He asks for your advice. Which advice mentioned below should you not give to the user for creating an EBS volume?

- A. Take the snapshot of the volume when the instance is stopped
- B. Stripe multiple volumes attached to the same instance
- C. Create an AMI from the attached volume
- D. Attach multiple volumes to the same instance

Answer: C

Explanation:

When a user creates an EBS volume, the user can attach it to a running instance. The user can attach multiple volumes to the same instance and stripe them together to increase the I/O. The user can take a snapshot from the existing volume but cannot create an AMI from the volume. However, the user can create an AMI from a snapshot.

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

NEW QUESTION 145

AWS Elastic Beanstalk stores your application files and optionally server log files in .

- A. Amazon Storage Gateway
- B. Amazon Glacier
- C. Amazon EC2
- D. Amazon S3

Answer: D

Explanation:

AWS Elastic Beanstalk stores your application files and optionally server log files in Amazon S3. If you are using the AWS Management Console, Git, the AWS Toolkit for Visual Studio, or AWS Toolkit for Eclipse, an Amazon S3 bucket will be created in your account for you and the files you upload will be automatically copied from your local client to Amazon S3. Optionally, you may configure Elastic Beanstalk to copy your server log files every hour to Amazon S3. You do this by editing the environment configuration settings.

Reference: <http://docs.aws.amazon.com/elasticbeanstalk/latest/dg/AWSHowTo.html>

NEW QUESTION 149

Which of the following device names is reserved for the root device for Linux instances of Amazon EC2?

- A. /dev/sda1
- B. /dev/sd[b-e]
- C. xvd[a-e]
- D. /dev/sd[f-p][1 -6]

Answer: A

Explanation:

/dev/sda1 is the name of the device reserved for the root device for Linux instances. Reference:
http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/device_naming.html

NEW QUESTION 151

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 156

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 157

What is the maximum size for messages stored in SQS?

- A. 256KB
- B. 128KB
- C. 1024KB
- D. 64KB

Answer: A

Explanation:

By default, SQS queues allow you to send the largest supported payload size, currently 256KB. You can choose to specify a limit on how many bytes can be sent per payload, using the `MaximumMessageSize` attribute of the `SetQueueAttributes` method.
Reference: <http://aws.amazon.com/sqs/faqs/>

NEW QUESTION 161

A user is planning to host data with RDS. Which of the below mentioned databases is not supported by RDS?

- A. PostgreSQL
- B. SQLDB
- C. Oracle
- D. MS SQL

Answer: B

Explanation:

Amazon Relational Database Service (Amazon RDS) is a web service that makes it easier to set up, operate, and scale a relational database in the cloud. AWS RDS supports popular DBs, such as MySQL, PostgreSQL, MS SQL and Oracle. This means that the code, applications, and tools user is already using with existing databases can be used with Amazon RDS too. In short, it is a managed Relation Database offering from AWS which manages backups, software

patching, automatic failure detection, and recovery of Database.

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

NEW QUESTION 166

A user has configured an automated backup between 5 AM — 5:30 AM for the MySQL RDS DB. Will the performance of RDS get frozen momentarily during a backup?

- A. No
- B. Yes, only if the instance size is smaller than large size
- C. Yes, provided it is a single zone implementation
- D. Yes, always

Answer: C

Explanation:

Amazon RDS provides two different methods for backing up and restoring the Amazon DB instances. A brief I/O freeze, typically lasting a few seconds, occurs during both automated backups and DB snapshot operations on Single-AZ DB instances.

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

NEW QUESTION 168

Regarding Amazon SNS, to send messages to a queue through a topic, you must subscribe the queue to the Amazon SNS topic. You specify the queue by its .

- A. ARN
- B. Token
- C. Registration ID
- D. URL

Answer: A

Explanation:

In Amazon SNS, to send messages to a queue through a topic, you must subscribe the queue to the Amazon SNS topic. You specify the queue by its ARN.

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

NEW QUESTION 171

When working with AWS CloudFormation Templates what is the maximum number of stacks that you can create?

- A. 500
- B. 50
- C. 20
- D. 10

Answer: C

Explanation:

CloudFormation Limits

Maximum number of AWS CloudFormation stacks that you can create is 20 stacks. Reference:

<http://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/cloudformation-limits.html>

NEW QUESTION 172

A user is having access to objects of an S3 bucket which is not owned by him. If he is trying to set the objects of that bucket public, which of the below mentioned options may be a right fit for this action?

- A. Make the bucket public with full access
- B. Define the policy for the bucket
- C. Provide ACL on the object
- D. Create an IAM user with permission

Answer: C

Explanation:

An S3 object ACL is the only way to manage access to objects which are not owned by the bucket owner. An AWS account that owns the bucket can grant another AWS account permission to upload objects. The bucket owner does not own these objects. The AWS account that created the object must grant permissions using object ACLs.

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

NEW QUESTION 174

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 179

A user wants to achieve High Availability with PostgreSQL DB. Which of the below mentioned functionalities helps achieve HA?

- A. Read Replica
- B. Multi AZ
- C. Multi region
- D. PostgreSQL does not support HA

Answer: B

Explanation:

The Multi AZ feature allows the user to achieve High Availability. For Multi AZ, Amazon RDS automatically provisions and maintains a synchronous "standby" replica in a different Availability Zone. Reference: <http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/Welcome.html>

NEW QUESTION 182

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 186

You have an environment that consists of a public subnet using Amazon VPC and 3 instances that are running in this subnet. These three instances can successfully communicate with other hosts on the Internet. You launch a fourth instance in the same subnet, using the same AMI and security group configuration you used for the others, but find that this instance cannot be accessed from the Internet. What should you do to enable internet access?

- A. Deploy a NAT instance into the public subnet.
- B. Modify the routing table for the public subnet
- C. Configure a publically routable IP Address In the host OS of the fourth instance.
- D. Assign an Elastic IP address to the fourth instanc

Answer: D

NEW QUESTION 190

Which of the following is an example of a good DynamoDB hash key schema for provisioned throughput efficiency?

- A. User ID, where the application has many different users.
- B. Status Code where most status codes are the same
- C. Device ID, where one is by far more popular than all the others.
- D. Game Type, where there are three possible game types

Answer: A

NEW QUESTION 195

Which of the following are correct statements with policy evaluation logic in AWS Identity and Access Management? Choose 2 answers

- A. By default, all requests are denied
- B. An explicit allow overrides an explicit deny
- C. An explicit allow overrides default deny.
- D. An explicit deny does not override an explicit allow
- E. By default, all request are allowed

Answer: AC

NEW QUESTION 199

A startup's photo-sharing site is deployed in a VPC. An ELB distributes web traffic across two subnets. ELB session stickiness is configured to use the AWS-generated session cookie, with a session TTL of 5 minutes. The webserver Auto Scaling Group is configured as: min-size=4, max-size=4. The startups preparing for a public launch, by running load-testing software installed on a single EC2 instance running in us-west-2a. After 60 minutes of load-testing, the webserver logs show:

WEBSERVER LOGS	# of HTTP requests from load-tester	# of HTTP requests from private beta users
webserver #1 (subnet in us-west-2a):	19,210	434
webserver #2 (subnet in us-west-2a):	21,790	490
webserver #3 (subnet in us-west-2b):	0	410
webserver #4 (subnet in us-west-2b):	0	428

Which recommendations can help ensure load-testing HTTP requests are evenly distributed across the

four webserver? Choose 2 answers

- A. Launch and run the load-tester EC2 instance from us-east-1 instead.
- B. Re-configure the load-testing software to re-resolve DNS for each web request.
- C. Use a 3rd-party load-testing service which offers globally-distributed test clients.
- D. Configure ELB and Auto Scaling to distribute across us-west-2a and us-west-2c.
- E. Configure ELB session stickiness to use the app-specific session cooki

Answer: BE

NEW QUESTION 203

If a message is retrieved from a queue in Amazon SQS, how long is the message inaccessible to other users by default?

- A. 0 seconds
- B. 1 hour
- C. 1 day
- D. forever
- E. 30 seconds

Answer: E

NEW QUESTION 207

Which of the following are valid SNS delivery transports? Choose 2 answers

- A. HTTP
- B. UDP
- C. SNIS
- D. DynamoDB
- E. Named Pipes

Answer: AC

NEW QUESTION 210

In AWS, which security aspects are the customer's responsibility? Choose 4 answers

- A. Life-cycle management of IAM credentials
- B. Decommissioning storage devices
- C. Security Group and ACL (Access Control List) settings
- D. Encryption of EBS (Elastic Block Storage) volumes
- E. Controlling physical access to compute resources
- F. Patch management on the EC2 instance's operating system

Answer: ABCF

NEW QUESTION 215

You are providing AWS consulting services for a company developing a new mobile application that will be leveraging Amazon SNS Mobile Push for push notifications. In order to send direct notification messages to individual devices each device registration identifier or token needs to be registered with SNS; however the developers are not sure of the best way to do this. You advise them to:

- A. Bulk upload the device tokens contained in a CSV file via the AWS Management Console.
- B. Let the push notification service (e.
- C. Amazon Device Messaging) handle the registration.
- D. Implement a token vending service to handle the registration.
- E. Call the CreatePlatformEndPoint API function to register multiple device token

Answer: B

NEW QUESTION 217

Company C is currently hosting their corporate site in an Amazon S3 bucket with Static Website Hosting enabled. Currently, when visitors go to <http://www.companyc.com> the index.html page is returned. Company C now would like a new page welcome.html to be returned when a visitor enters <http://www.companyc.com> in the browser.

Which of the following steps will allow Company C to meet this requirement? Choose 2 answers

- A. Upload an html page named welcome.html to their S3 bucket
- B. Create a welcome subfolder in their S3 bucket
- C. Set the Index Document property to welcome.html
- D. Move the index.html page to a welcome subfolder
- E. Set the Error Document property to welcome.html

Answer: AC

NEW QUESTION 219

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 223

Which code snippet below returns the URL of a load balanced web site created in CloudFormation with an AWS::ElasticLoadBalancing::LoadBalancer resource name "ElasticLoad Balancer"?

- A. "Fn::Join" : ["" . ["http://", {"Fn::GetAtr" : ["ElasticLoadBalancer", "DNSName"]}]]
- B. "Fn::Join" : ["" . ["http://", {"Fn::GetAtr" : ["ElasticLoadBalancer", "Url"]}]]
- C. "Fn::Join" : ["" . ["http://", {"Ref" : "ElasticLoadBalancerUrl"}]]
- D. "Fn::Join" : ["http://", {"Ref" : "ElasticLoadBalancerDNSName"}]]

Answer: B

NEW QUESTION 224

How can software determine the public and private IP addresses of the Amazon EC2 instance that it is running on?

- A. Query the appropriate Amazon CloudWatch metric.
- B. Use ipconfig or ifconfig command.
- C. Query the local instance userdata.
- D. Query the local instance metadat

Answer: D

NEW QUESTION 225

Which of the following items are required to allow an application deployed on an EC2 instance to write data to a DynamoDB table? Assume that no security Keys are allowed to be stored on the EC2 instance. Choose 2 answers

- A. Create an IAM User that allows write access to the DynamoDB table.
- B. Add an IAM Role to a running EC2 instance.
- C. Add an IAM User to a running EC2 Instance.
- D. Launch an EC2 Instance with the IAM Role included in the launch configuration.
- E. Create an IAM Role that allows write access to the DynamoDB table.
- F. Launch an EC2 Instance with the IAM User included in the launch configuration.

Answer: DE

NEW QUESTION 229

Which of the following services are key/value stores? Choose 3 answers

- A. Amazon ElastiCache
- B. Simple Notification Service
- C. DynamoDB
- D. Simple Workflow Service
- E. Simple Storage Service

Answer: ABC

NEW QUESTION 233

How is provisioned throughput affected by the chosen consistency model when reading data from a DynamoDB table?

- A. Strongly consistent reads use the same amount of throughput as eventually consistent reads
- B. Strongly consistent reads use more throughput than eventually consistent reads.
- C. Strongly consistent reads use less throughput than eventually consistent reads
- D. Strongly consistent reads use variable throughput depending on read actMty

Answer: B

NEW QUESTION 235

If an application is storing hourly log files from thousands of instances from a high traffic web site, which naming scheme would give optimal performance on S3?

- A. Sequential
- B. instanceID_log-HH-DD-NIM-YYYY
- C. instanceID_log-YYYY-NIM-DD-HH
- D. HH-DD-NINI-YYYY-log_instanceID
- E. YYYY-MM-DD-HH-log_instanceID

Answer: E

NEW QUESTION 239

You run an ad-supported photo sharing website using S3 to serve photos to visitors of your site. At some point you find out that other sites have been linking to the photos on your site, causing loss to your business.
What is an effective method to mitigate this?

- A. Store photos on an EBS volume of the web server
- B. Remove public read access and use signed URLs with expiry dates.
- C. Use CloudFront distributions for static content.
- D. Block the IPs of the offending websites in Security Group

Answer: B

NEW QUESTION 242

Games-R-Us is launching a new game app for mobile devices. Users will log into the game using their existing Facebook account and the game will record player data and scoring information directly to a DynamoDB table.

What is the most secure approach for signing requests to the DynamoDB API?

- A. Create an IAM user with access credentials that are distributed with the mobile app to sign the requests
- B. Distribute the AWS root account access credentials with the mobile app to sign the requests
- C. Request temporary security credentials using web identity federation to sign the requests
- D. Establish cross account access between the mobile app and the DynamoDB table to sign the requests

Answer: C

NEW QUESTION 243

After launching an instance that you intend to serve as a NAT (Network Address Translation) device in a public subnet you modify your route tables to have the NAT device be the target of internet bound traffic of your private subnet. When you try and make an outbound connection to the Internet from an instance in the private subnet, you are not successful.

Which of the following steps could resolve the issue?

- A. Attaching a second Elastic Network interface (ENI) to the NAT instance, and placing it in the private subnet
- B. Attaching a second Elastic Network Interface (ENI) to the instance in the private subnet, and placing it in the public subnet
- C. Disabling the Source/Destination Check attribute on the NAT instance
- D. Attaching an Elastic IP address to the instance in the private subnet

Answer: C

NEW QUESTION 244

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 245

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