Which of the following is true for SWF and SQS? Choose 3 Answers

1. Amazon SWF API actions are message-oriented. Amazon SQS API actions are

task-oriented.

1. Amazon SWF keeps track of all tasks and events in an application. Amazon

SQS requires you to implement your own application-level tracking, especially if

your application uses multiple queues.

1. The Amazon SQS Console and visibility APIs provide an application-centric

view that lets you search for executions, drill down into an execution’s details, and

administer executions. Amazon SWF requires implementing such additional

functionality.

1. Amazon SWF offers several features that facilitate application development,

such as passing data between tasks, signaling, and flexibility in distributing tasks.

Amazon SQS requires you to implement some application-level functionality.

1. In addition to a core SDK that calls service APIs, Amazon SWF provides the

AWS Flow Framework with which you can write distributed applications using

programming constructs that structure asynchronous interactions.

In SQS, to send message to FIFO queue what are the required fields?

1. Message Body
2. Message Group ID
3. Message Deduplication ID
4. Message Duplication ID

To determine the time-in-queue value, you can request the \_\_\_\_\_\_\_\_\_\_\_\_ attribute when

receiving a message. Subtracting that value from the current time results in the time-inqueue value.

1. TimestampSent
2. TimeInQueue
3. SentTimestamp
4. TimestampInQueue

Amazon SQS supports the HTTP traffic over

1. SSL/TLS
2. TCP
3. IP
4. FTP

A customer needs corporate IT governance and cost oversight of all AWS resources

consumed by its divisions. The divisions want to maintain administrative control of the

discrete AWS resources they consume and keep those resources separate from the

resources of other divisions. Which of the following options, when used together will

support the autonomy/control of divisions while enabling corporate IT to maintain

governance and cost oversight? Choose 2 answers

1. Use AWS Consolidated Billing and disable AWS root account access for the

child accounts.

1. Enable IAM cross-account access for all corporate IT administrators in each

child account.

1. Create separate VPCs for each division within the corporate IT AWS account.
2. Use AWS Consolidated Billing to link the divisions' accounts to a parent

corporate account.

Select the most correct answer: The device name /dev/sda1 (within Amazon EC2 ) is

\_\_\_\_\_

1. Possible for EBS volumes
2. Reserved for the root device
3. Recommended for EBS volumes
4. Recommended for instance store volumes

When you view the block device mapping for your instance, you can see only the EBS

volumes, not the instance store volumes.

1. Depends on the instance type
2. FALSE
3. Depends on whether you use API call
4. TRUE

What are the two permission types used by AWS?

1. Resource-based and Product-based
2. Product-based and Service-based
3. Service-based and Policy Based
4. User-based and Resource-based

What is the maximum key length of a tag?

1. 512 Unicode characters
2. 64 Unicode characters
3. 256 Unicode characters
4. 128 Unicode characters

You must increase storage size in increments of at least \_\_\_\_\_ %

1. 40
2. 20
3. 10
4. 50

What are the two types of licensing options available for using Amazon RDS for Oracle?

1. BYOL and Enterprise License
2. BYOL and License Included
3. Enterprise License and License Included
4. Role based License and License Included

Out of the stripping options available for the EBS volumes, which one has the following

disadvantage : 'Doubles the amount of I/O required from the instance to EBS compared

to RAID 0, because you're mirroring all writes to a pair of volumes, limiting how much

you can stripe.' ?

1. Raid 5
2. RAID 1+0 (RAID 10)
3. Raid 1
4. Raid 2

Which of the following cannot be used in Amazon EC2 to control who has access to

specific Amazon EC2 instances?

1. Security Groups
2. IAM System
3. SSH keys
4. Windows passwords

How can I change the security group membership for interfaces owned by other AWS,

such as Elastic Load Balancing?

1. By using the service specific console or API\CLI commands
2. None of these
3. Using Amazon EC2 API/CLI
4. using all these methods

What is the maximum write throughput I can provision for a single DynamoDB table?

1. 1,000 write capacity unitS
2. 100,000 write capacity units
3. DynamoDB is designed to scale without limits, but if you go beyond 10,000

you have to contact AWS first.

1. 10,000 write capacity units

Can a 'user' be associated with multiple AWS accounts?

1. YES
2. NO
3. yes via Federation
4. Only for US region

Note: Accessing using federation is not same as associating user.

If you need to add a large number of users, consider using

1. temporary security groups
2. temporary security Policies
3. temporary security Roles
4. temporary security credentials

You can request to increase some of these quotas for your AWS account on the IAM

Limit Increase Contact Us Form.

1. users per AWS account
2. groups per AWS account
3. Roles in instance profiles per AWS account
4. roles per AWS account
5. instance profiles per AWS account
6. Virtual MFA devices per AWS account
7. server certificates per AWS account

To get account-level information about entity usage and quotas, use the \_\_\_\_\_\_\_\_\_\_\_\_\_\_

API action or the \_\_\_\_\_\_\_\_\_\_\_\_ AWS CLI command.

1. GetSummaryAccount, get-summary-account
2. GetAccountLevelInfo, get-account-level-info
3. GetAccountSummary, get-account-summary
4. GetLevelInfoAccount, get-level-info-account

While launching an RDS DB instance, on which page I can select the Availability Zone?

1. REVIEW
2. DB INSTANCE DETAILS
3. MANAGEMENT OPTIONS
4. ADDITIONAL CONFIGURATION

In the Launch Db Instance Wizard, where can I select the backup and maintenance

options?

1. Under DB INSTANCE DETAILS
2. Under REVIEW
3. Under MANAGEMENT OPTIONS
4. Under ENGINE SELECTION

While performing the volume status checks, if the status is insufficient-data, what does

it mean?

1. the checks may still be in progress on the volume
2. the check has passed
3. the check has failed
4. None of the above

SQL Server \_\_\_\_\_ store logins and passwords in the master database.

1. can be configured to but by default does not
2. doesn't
3. does
4. only for certain regions

Using Amazon IAM, can I give permission based on organizational groups?

1. Yes but only in certain cases
2. No
3. Yes always
4. Yes for all region

When should I choose Provisioned IOPS over Standard RDS storage?

1. If you have batch-oriented workloads
2. If you use production online transaction processing (OLTP) workloads.
3. If you have workloads that are not sensitive to consistent performance

What can I access by visiting the URL: http://status.aws.amazon.com/ ?

1. Amazon Cloud Watch
2. Status of the Amazon RDS DB
3. AWS Service Health Dashboard
4. AWS Cloud Monitor

Your company policies require encryption of sensitive data at rest. You are considering

the possible options for protecting data while storing it at rest on an EBS data volume,

attached to an EC2 instance. Which of these options would allow you to encrypt your

data at rest? (Choose 3 answers)

1. Implement third party volume encryption tools
2. Do nothing as EBS volumes are encrypted by default
3. Encrypt data inside your applications before storing it on EBS
4. Encrypt data using native data encryption drivers at the file system level
5. Implement SSL/TLS for all services running on the server

Which of the following is not currently supported for Amazon RDS SQL Server?

1. Replication
2. SQL Server Audit
3. Policy-Based Management
4. Data Quality Services
5. Distributed Queries

Is the SQL Server Audit feature supported in the Amazon RDS SQL Server engine?

1. Yes
2. No

If your DB instance runs out of storage space or file system resources, its status will

change to\_\_\_\_\_ and your DB Instance will no longer be available.

1. storage-overflow
2. storage-full
3. storage-exceed
4. storage-overage

You can place a network interface on each of your web servers that connects to a mid-tier network where an application server resides. The application server can also be

\_\_\_\_\_\_\_\_\_\_\_ to a back-end network (subnet) where the database server resides.

1. dual-homed
2. single-homed
3. elastic-homed
4. black-homed

How to create a low budget high availability solution

1. Deploy in Multiple Regions
2. Deploy in same region but multiple availability zone
3. network interface can be attached to a replacement or hot standby instance

pre-configured for the same role in order to rapidly recover the service.

1. Use free tier aws account resources

If the public IPv4 address on your instance is released, it does not receive a new one if

there is more than one network interface attached to the instance.

1. TRUE
2. FALSE

In a management network scenario the which interface on the instance handles public facing traffic?

1. Primary network interface
2. Subnet interface
3. Secondary network interface

If you want to launch Amazon Elastic Compute Cloud (EC2) instances and assign each

instance a predetermined private IP address you should:

1. Launch the instance from a private Amazon Machine Image (AMI).
2. Assign a group of sequential Elastic IP address to the instances.
3. Launch the instances in the Amazon Virtual Private Cloud (VPC).
4. Launch the instances in a Placement Group.
5. Use standard EC2 instances since each instance gets a private Domain Name

Service (DNS) already

You are working with a customer who has 10 TB of archival data that they want to

migrate to Amazon Glacier. The customer has a 1-Mbps connection to the Internet.

Which service or feature provides the fastest method of getting the data into Amazon

Glacier?

1. Amazon Glacier multipart upload
2. AWS Storage Gateway
3. VM Import/Export
4. AWS Import/Export

Which of the following can be tested as a part of penetration testing?

1. EC2
2. RDS
3. S3
4. VPC

At this time, our policy does not permit penetration testing \_\_\_\_\_\_\_\_ RDS instance types.

1. small , medium, large
2. small, micro, nano
3. small, medium, nano
4. large, medium

A company is storing data on Amazon Simple Storage Service (S3). The company's

security policy mandates that data is encrypted at rest. Which of the following methods

can achieve this? Choose 3 answers

1. Use Amazon S3 server-side encryption with AWS Key Management Service managed keys.
2. Use Amazon S3 server-side encryption with customer-provided keys.
3. Use Amazon S3 server-side encryption with EC2 key pair.
4. Use Amazon S3 bucket policies to restrict access to the data at rest.
5. Encrypt the data on the client-side before ingesting to Amazon S3 using

their own master key.

1. Use SSL to encrypt the data while in transit to Amazon S3.

Amazon RDS creates an SSL certificate and installs the certificate on the DB Instance

when Amazon RDS provisions the instance. These certificates are signed by a certificate

authority. The\_\_\_\_\_\_\_\_\_\_ is stored at <https://rds.amazonaws.com/doc/rds-ssl-ca-cert.pem>.

1. Private
2. foreign key
3. public key
4. protected key

A customer has established an AWS Direct Connect connection to AWS. The link is up

and routes are being advertised from the customer’s end, however the customer is

unable to connect from EC2 instances inside its VPC to servers residing in its datacenter.

Which of the following options provide a viable solution to remedy this situation?

(Choose 2 answers)

1. Add a route to the route table with an IPSec VPN connection as the target
2. Enable route propagation to the Virtual Private Gateway (VGW)
3. Enable route propagation to the customer gateway (CGW)
4. Modify the route table of all Instances using the ‘route’ command.
5. Modify the Instances VPC subnet route table by adding a route back to the

customer’s on-premises environment.

Your company previously configured a heavily used, dynamically routed VPN

connection between your on premises data center and AWS. You recently provisioned a

Direct Connect connection and would like to start using the new connection. After

configuring Direct Connect settings in the AWS Console, which of the following options

will provide the most seamless transition for your users?

1. Delete your existing VPN connection to avoid routing loops configure your

Direct Connect router with the appropriate settings and verity network traffic is

leveraging Direct Connect.

1. Configure your Direct Connect router with a higher BGP priority than your

VPN router, verify network traffic is leveraging Direct Connect and then delete

your existing VPN connection.

1. Update your VPC route tables to point to the Direct Connect connection

configure your Direct Connect router with the appropriate settings verify network

traffic is leveraging Direct Connect and then delete the VPN connection.

1. Configure your Direct Connect router, update your VPC route tables to point

to the Direct Connect connection, configure your VPN connection with a higher

BGP priority. And verify network traffic is leveraging the Direct Connect

Connection

When you resize the Amazon RDS DB instance, Amazon RDS will perform the upgrade

during the next maintenance window. If you want the upgrade to be performed now,

rather than waiting for the maintenance window, specify the\_\_\_\_\_\_\_\_\_ option.

1. ApplyNow
2. ApplySoon
3. ApplyThis
4. ApplyImmediately

A company needs to deploy virtual desktops to its customers in a virtual private cloud,

leveraging existing security controls. Which set of AWS services and features will meet

the company's requirements?

1. Virtual Private Network connection. AWS Directory Services, and ClassicLink
2. Virtual Private Network connection. AWS Directory Services, and Amazon

Workspaces

1. AWS Directory Service, Amazon Workspaces, and AWS Identity and Access

Management

1. Amazon Elastic Compute Cloud, and AWS Identity and Access Management

A company is building a two-tier web application to serve dynamic transaction based

content. The data tier is leveraging an Online Transactional Processing (OLTP) database.

What services should you leverage to enable an elastic and scalable web tier?

1. Elastic Load Balancing, Amazon EC2, and Auto Scaling
2. Elastic Load Balancing, Amazon RDS with Multi-AZ, and Amazon S3
3. Amazon RDS with Multi-AZ and Auto Scaling
4. Amazon EC2, Amazon DynamoDB, and Amazon S3

A company wants to implement their website in a virtual private cloud

tier will use an Auto Scaling group across multiple Availability Zones (AZs). The database

will use Multi-AZ RDS MySQL and should not be publicly accessible. What is the

minimum number of subnets that need to be configured in the VPC?

1. 1
2. 2
3. 3
4. 4

The Amazon EC2 web service can be accessed using the web services messaging

protocol. This interface is described by a Web Services Description Language (WSDL)

document

1. SOAP
2. CORBA
3. XML-RPC

Are you able to integrate a multi-factor token service with the AWS Platform?

1. No, you cannot integrate multi-factor token devices with the AWS platform.
2. Yes, you can integrate private multi-factor token devices to authenticate

users to the AWS platform.

1. Yes, using the AWS multi-factor token devices to authenticate users on the

AWS platform.

A user is trying to delete an Auto Scaling group from CLI. Which of the below

mentioned steps are to be performed by the user?

1. Terminate the instances with the ec2-terminate-instance command
2. Terminate the Auto Scaling instances with the as-terminate-instance

command

1. Set the minimum size and desired capacity to 0
2. There is no need to change the capacity. Run the as-delete-group command

and it will reset all values to 0

For which of the following use cases are Simple Workflow Service (SWF) and Amazon

EC2 an appropriate solution? Choose 2 answers

1. Using as an endpoint to collect thousands of data points per hour from a

distributed fleet of sensors

1. Managing a multi-step and multi-decision checkout process of an

e-commerce website

1. Orchestrating the execution of distributed and auditable business processes
2. Using as an SNS (Simple Notification Service) endpoint to trigger execution

of video transcoding jobs

What's an ECU?

1. Extended Cluster User.
2. Elastic Computer Usage.
3. Elastic Compute Unit.
4. None

When creation of an EBS snapshot is initiated, but not completed, the EBS volume

1. Can be used while the snapshot is in progress
2. Cannot be detached or attached to an EC2 instance until the snapshot

completes

1. Can be used in read-only mode while the snapshot is in progress.
2. Cannot be used until the snapshot completes

A customer wants to leverage Amazon Simple Storage Service (S3) and Amazon Glacier

as part of their backup and archive infrastructure. The customer plans to use third-party

software to support this integration. Which approach will limit the access of the third

party software to only the Amazon S3 bucket named "company backup"?

1. A custom bucket policy limited to the Amazon S3 API in the Amazon Glacier

archive "company-backup"

1. A custom bucket policy limited to the Amazon S3 API in "company-backup"
2. A custom IAM user policy limited to the Amazon S3 API for the Amazon

Glacier archive "company-backup".

1. A custom IAM user policy limited to the Amazon S3 API in "companybackup"

A customer is running a multi-tier web application farm in a virtual private cloud (VPC)

that is not connected to their corporate network. They are connecting to the VPC over

the Internet to manage all of their Amazon EC2 instances running in both the public and

private subnets. They have only authorized the bastion-security group with Microsoft

Remote Desktop Protocol (RDP) access to the application instance security groups, but

the company wants to further limit administrative access to all of the instances in the

VPC. Which of the following Bastion deployment scenarios will meet this requirement?

1. Deploy a Windows Bastion host on the corporate network that has RDP

access to all instances in the VPC

1. Deploy a Windows Bastion host with an Elastic IP address in the public

subnet and allow SSH access to the bastion from anywhere

1. Deploy a Windows Bastion host with an Elastic IP address in the private

subnet, and restrict RDP access to the bastion from only the corporate public IP

addresses

1. Deploy a Windows Bastion host with an auto-assigned Public IP address in

the public subnet, and allow RDP access to the bastion from only the corporate

public IP addresses