

Question: 81

What does Amazon S3 stand for?

- A. Simple Storage Solution.
- B. Storage Storage Storage (triple redundancy Storage).
- C. Storage Server Solution.
- D. Simple Storage Service.

Ans: D

Question: 82

You must assign each server to at least _____ security group

- A. 3
- B. 2
- C. 4
- D. 1

Ans: D(A)

Question: 83

Before I delete an EBS volume, what can I do if I want to recreate the volume later?

- A. Create a copy of the EBS volume (not a snapshot)
- B. Store a snapshot of the volume
- C. Download the content to an EC2 instance
- D. Back up the data in to a physical disk

Ans: B

Question: 84

Select the most correct answer:

The device name /dev/sda1 (within Amazon EC2) is _____

- A. Possible for EBS volumes
- B. Reserved for the root device
- C. Recommended for EBS volumes
- D. Recommended for instance store volumes

Ans: B

Question: 85

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

- A. Elastic IP Address
- B. Class B IP Address
- C. Class A IP Address
- D. Dynamic IP Address

Ans: A

Question: 86

What does RRS stand for when talking about S3?

- A. Redundancy Removal System
- B. Relational Rights Storage
- C. Regional Rights Standard
- D. Reduced Redundancy Storage

Ans: D

Question: 87

All Amazon EC2 instances are assigned two IP addresses at launch, out of which one can

only be reached from within the Amazon EC2 network?

- A. Multiple IP address
- B. Public IP address
- C. Private IP address
- D. Elastic IP Address

Ans: C

Question: 88

What does Amazon SWF stand for?

- A. Simple Web Flow
- B. Simple Work Flow
- C. Simple Wireless Forms
- D. Simple Web Form

Ans: B

Question: 89

What is the Reduced Redundancy option in Amazon S3?

- A. Less redundancy for a lower cost.
- B. It doesn't exist in Amazon S3, but in Amazon EBS.
- C. It allows you to destroy any copy of your files outside a specific jurisdiction.
- D. It doesn't exist at all

Ans: A

Question: 90

Fill in the blanks: Resources that are created in AWS are identified by a unique identifier called an _____

- A. Amazon Resource Number
- B. Amazon Resource Nametag
- C. Amazon Resource Name
- D. Amazon Resource Namespace

Ans: C

Question: 91

If I write the below command, what does it do?

```
ec2-run ami-e3a5408a -n 20 -g appserver
```

- A. Start twenty instances as members of appserver group.
- B. Creates 20 rules in the security group named appserver
- C. Terminate twenty instances as members of appserver group.
- D. Start 20 security groups

Ans: A

Question: 92

While creating an Amazon RDS DB, your first task is to set up a DB _____ that controls what IP addresses or EC2 instances have access to your DB Instance.

- A. Security Pool
- B. Secure Zone
- C. Security Token Pool
- D. Security Group

Ans: D

Question: 93

When you run a DB Instance as a Multi-AZ deployment, the " _____ " serves database writes and reads

- A. secondary
- B. backup
- C. stand by
- D. Primary

Ans: D

Question: 94

Every user you create in the IAM system starts with _____.

- A. Partial permissions
- B. Full permissions
- C. No permissions

Ans: C

Question: 95

Can you create IAM security credentials for existing users?

- A. Yes, existing users can have security credentials associated with their account.
- B. No, IAM requires that all users who have credentials set up are not existing users
- C. No, security credentials are created within GROUPS, and then users are associated to GROUPS at a later time.
- D. Yes, but only IAM credentials, not ordinary security credentials.

Ans: A

Question: 96

What does Amazon EC2 provide?

- A. Virtual servers in the Cloud.
- B. A platform to run code (Java, PHP, Python), paying on an hourly basis.
- C. Computer Clusters in the Cloud.
- D. Physical servers, remotely managed by the customer.

Ans: A

Question: 97

Amazon SWF is designed to help users...

- A. Design graphical user interface interactions
- B. Manage user identification and authorization
- C. Store Web content
- D. Coordinate synchronous and asynchronous tasks which are distributed and fault Tolerant.

Ans: D

Question: 98

Can I control if and when MySQL based RDS Instance is upgraded to new supported Versions?

- A. No
- B. Only in VPC
- C. Yes

Ans: A

Question: 99

If I modify a DB Instance or the DB parameter group associated with the instance, should I reboot the instance for the changes to take effect?

- A. No
- B. Yes

Ans: B

Question: 100

When you view the block device mapping for your instance, you can see only the EBS Volumes, not the instance store volumes.

- A. Depends on the instance type
- B. FALSE
- C. Depends on whether you use API call
- D. TRUE

Ans: D

Question: 101

By default, EBS volumes that are created and attached to an instance at launch are Deleted when that instance is terminated. You can modify this behavior by changing the Value of the flag_____ to false when you launch the instance

- A. DeleteOnTermination
- B. RemoveOnDeletion
- C. RemoveOnTermination
- D. TerminateOnDeletion

Ans: A

Question: 102

What are the initial settings of an user created security group?

- A. Allow all inbound traffic and Allow no outbound traffic
- B. Allow no inbound traffic and Allow no outbound traffic
- C. Allow no inbound traffic and Allow all outbound traffic
- D. Allow all inbound traffic and Allow all outbound traffic

Ans: C

Question: 103

Will my standby RDS instance be in the same Region as my primary?

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

Ans: D

Question: 104

What does Amazon Elastic Beanstalk provide?

- A. A scalable storage appliance on top of Amazon Web Services.
- B. An application container on top of Amazon Web Services.
- C. A service by this name doesn't exist.
- D. A scalable cluster of EC2 instances.

Ans: B

Question: 105

True or False: When using IAM to control access to your RDS resources, the key names that can be used are case sensitive. For example, aws:CurrentTime is NOT equivalent to AWS:currenttime.

- A. TRUE
- B. FALSE

Ans: A

Question: 106

What will be the status of the snapshot until the snapshot is complete.

- A. running
- B. working
- C. progressing
- D. Pending

Ans: D

Question: 107

Can we attach an EBS volume to more than one EC2 instance at the same time?

- A. No
- B. Yes.
- C. Only EC2-optimized EBS volumes.
- D. Only in read mode.

Ans: A

Question: 108

True or False: Automated backups are enabled by default for a new DB Instance.

- A. TRUE
- B. FALSE

Ans: A

Question: 109

What does the AWS Storage Gateway provide?

- A. It allows to integrate on-premises IT environments with Cloud Storage.
- B. A direct encrypted connection to Amazon S3.
- C. It's a backup solution that provides an on-premises Cloud storage.
- D. It provides an encrypted SSL endpoint for backups in the Cloud.

Ans: A

Question: 110

Amazon RDS automated backups and DB Snapshots are currently supported for only the _____ storage engine

- A. InnoDB
- B. MyISAM

Ans: A

Question: 111

How many relational database engines does RDS currently support?

- A. Three: MySQL, Oracle and Microsoft SQL Server.
- B. Just two: MySQL and Oracle.
- C. Five: MySQL, PostgreSQL, MongoDB, Cassandra and SQLite.

D. Just one: MySQL.

Ans: A

Question: 112

Fill in the blanks: The base URI for all requests for instance metadata is _____

- A. <http://254.169.169.254/latest/>
- B. <http://169.169.254.254/latest/>
- C. <http://127.0.0.1/latest/>
- D. <http://169.254.169.254/latest/>

Ans: D

Question: 113

While creating the snapshots using the command line tools, which command should I be using?

- A. ec2-deploy-snapshot
- B. ec2-fresh-snapshot
- C. ec2-create-snapshot
- D. ec2-new-snapshot

Ans: C

Question: 114

Typically, you want your application to check whether a request generated an error before you spend any time processing results. The easiest way to find out if an error occurred is to look for an _____ node in the response from the Amazon RDS API.

- A. Incorrect
- B. Error
- C. FALSE

Ans: B

Question: 115

What are the two permission types used by AWS?

- A. Resource-based and Product-based
- B. Product-based and Service-based
- C. Service-based
- D. User-based and Resource-based

Ans: D

Question: 116

In the Amazon cloudwatch, which metric should I be checking to ensure that your DB Instance has enough free storage space?

- A. FreeStorage
- B. FreeStorageSpace
- C. FreeStorageVolume
- D. FreeDBStorageSpace

Ans: B

Question: 117

Amazon RDS DB snapshots and automated backups are stored in

- A. Amazon S3
- B. Amazon ECS Volume

- C. Amazon RDS
- D. Amazon EMR

Ans: A

Question: 118

What is the maximum key length of a tag?

- A. 512 Unicode characters
- B. 64 Unicode characters
- C. 256 Unicode characters
- D. 128 Unicode characters

Ans: D

Question: 119

Groups can't _____.

- A. be nested more than 3 levels
- B. be nested at all
- C. be nested more than 4 levels
- D. be nested more than 2 levels

Ans: B

Question: 120

You must increase storage size in increments of at least _____ %

- A. 40
- B. 20
- C. 50
- D. 10

Ans: D

Question: 121

Changes to the backup window take effect _____.

- A. from the next billing cycle
- B. after 30 minutes
- C. immediately
- D. after 24 hours

Ans: C

Question: 122

Using Amazon CloudWatch's Free Tier, what is the frequency of metric updates which you receive?

- A. 5 minutes
- B. 500 milliseconds.
- C. 30 seconds
- D. 1 minute

Ans: A

Question: 123

Which is the default region in AWS?

- A. eu-west-1
- B. us-east-1
- C. us-east-2

D. ap-southeast-1

Ans: B

Question: 124

What are the Amazon EC2 API tools?

- A. They don't exist. The Amazon EC2 AMI tools, instead, are used to manage permissions.
- B. Command-line tools to the Amazon EC2 web service.
- C. They are a set of graphical tools to manage EC2 instances.
- D. They don't exist. The Amazon API tools are a client interface to Amazon Web Services.

Ans: B

Question: 125

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

- A. BYOL and Enterprise License
- B. BYOL and License Included
- C. Enterprise License and License Included
- D. Role based License and License Included

Ans: B

Question: 126

What does a "Domain" refer to in Amazon SWF?

- A. A security group in which only tasks inside can communicate with each other
- B. A special type of worker
- C. A collection of related Workflows
- D. The DNS record for the Amazon SWF service

Ans: C

Question: 127

EBS Snapshots occur _____

- A. Asynchronously
- B. Synchronously
- C. Weekly

Ans: A

Question: 128

Disabling automated backups _____ disable the point-in-time recovery.

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

Ans: C

Question: 129

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.' ?

- A. Raid 0
- B. RAID 1+0 (RAID 10)
- C. Raid 1

D. Raid

Ans: B

Question: 130

Typically, you want your application to check whether a request generated an error before you spend any time processing results. The easiest way to find out if an error occurred is to look for an _____ node in the response from the Amazon RDS API.

- A. Incorrect
- B. Error
- C. FALSE

Ans: B

Question: 131

Is creating a Read Replica of another Read Replica supported?

- A. Only in certain regions
- B. Only with MSSQL based RDS
- C. Only for Oracle RDS types
- D. No

Ans: D

Question: 132

Can Amazon S3 uploads resume on failure or do they need to restart?

- A. Restart from beginning
- B. You can resume them, if you flag the "resume on failure" option before uploading.
- C. Resume on failure
- D. Depends on the file size

Ans: C

Question: 133

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

- A. Security Groups
- B. IAM System
- C. SSH keys
- D. Windows passwords

Ans: B

Question: 134

Fill in the blanks: _____ let you categorize your EC2 resources in different ways, for example, by purpose,owner, or environment.

- A. Wildcards
- B. Pointers
- C. Tags
- D. special filters

Ans: C

Question: 135

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

such as Elastic Load Balancing?

- A. By using the service specific console or API\CLI commands
- B. None of these
- C. Using Amazon EC2 API/CLI
- D. using all these methods

Ans: A

Question: 136

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

- A. 1,000 write capacity units
- B. 100,000 write capacity units
- C. Dynamic DB is designed to scale without limits, but if you go beyond 10,000 you have to contact AWS first.
- D. 10,000 write capacity units

Ans: C

Question: 137

What does the following command do with respect to the Amazon EC2 security groups?
ec2-revoke RevokeSecurityGroupIngress

- A. Removes one or more security groups from a rule.
- B. Removes one or more security groups from an Amazon EC2 instance.
- C. Removes one or more rules from a security group.
- D. Removes a security group from our account.

Ans: B

Question: 138

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

- A. No
- B. Yes

Ans: A

Question: 139

True or False: Manually created DB Snapshots are deleted after the DB Instance is deleted.

- A. TRUE
- B. FALSE

Ans: B

Question: 140

Can I move a Reserved Instance from one Region to another?

- A. No
- B. Only if they are moving into GovCloud
- C. Yes
- D. Only if they are moving to US East from another region

Ans: A

Question: 141

What is Amazon Glacier?

- A. You mean Amazon "Iceberg": it's a low-cost storage service.

- B. A security tool that allows to "freeze" an EBS volume and perform computer forensics on it.
- C. A low-cost storage service that provides secure and durable storage for data archiving and backup.
- D. It's a security tool that allows to "freeze" an EC2 instance and perform computer forensics on it.

Ans: C

Question: 142

What is the durability of S3 RRS?

- A. 99.99%
- B. 99.95%
- C. 99.995%
- D. 99.999999999%

Ans: A

Question: 143

What does specifying the mapping /dev/sdc=none when launching an instance do?

- A. Prevents /dev/sdc from creating the instance.
- B. Prevents /dev/sdc from deleting the instance.
- C. Set the value of /dev/sdc to 'zero'.
- D. Prevents /dev/sdc from attaching to the instance.

Ans: D

Question: 144

Is Federated Storage Engine currently supported by Amazon RDS for MySQL?

- A. Only for Oracle RDS instances
- B. No
- C. Yes
- D. Only in VPC

Ans: B

Question: 145

Is there a limit to how many groups a user can be in?

- A. Yes for all users
- B. Yes for all users except root
- C. No
- D. Yes unless special permission granted

Ans: A

Question: 146

True or False: When you perform a restore operation to a point in time or from a DB Snapshot, a new DB Instance is created with a new endpoint.

- A. FALSE
- B. TRUE

Ans: B

Question: 147

A/An _____ acts as a firewall that controls the traffic allowed to reach one or more instances.

- A. security group
- B. ACL
- C. IAM
- D. Private IP Addresses

Ans: A

Question: 148

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

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

Ans: D

Question: 149

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

- A. REVIEW
- B. DB INSTANCE DETAILS
- C. MANAGEMENT OPTIONS
- D. ADDITIONAL CONFIGURATION

Ans: B

Question: 150

What does the following command do with respect to the Amazon EC2 security groups?
ec2-create-group CreateSecurityGroup

- A. Groups the user created security groups in to a new group for easy access.
- B. Creates a new security group for use with your account.
- C. Creates a new group inside the security group.
- D. Creates a new rule inside the security group.

Ans: B

Question: 151

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

- A. Under DB INSTANCE DETAILS
- B. Under REVIEW
- C. Under MANAGEMENT OPTIONS
- D. Under ENGINE SELECTION

Ans: C

Question: 152

What happens to the data on an instance if the instance reboots (intentionally or unintentionally)?

- A. Data will be lost
- B. Data persists
- C. Data may persist however cannot be sure

Ans: D

Question: 153

How many types of block devices does Amazon EC2 support A

- A. 2
- B. 3
- C. 4
- D. 1

Ans: A

Question: 154

Provisioned IOPS Costs: you are charged for the IOPS and storage whether or not you use them in a given month.

- A. FALSE
- B. TRUE

Ans: A

Question: 155

IAM provides several policy templates you can use to automatically assign permissions to the groups you create. The _____ policy template gives the Admins group permission to access all account resources, except your AWS account information

- A. Read Only Access
- B. Power User Access
- C. AWS Cloud Formation Read Only Access
- D. Administrator Access

Ans: D

Question: 156

Can Amazon S3 uploads resume on failure or do they need to restart?

- A. Resume on failure
- B. You can resume them, if you flag the "resume on failure" option before uploading.
- C. Restart from beginning
- D. This question doesn't make sense

Ans: A

Question: 157

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

- A. the checks may still be in progress on the volume
- B. the check has passed
- C. the check has failed

Ans: A

Question: 158

IAM's Policy Evaluation Logic always starts with a default _____ for every request, except for those that use the AWS account's root security credentials

- A. Permit
- B. Deny
- C. Cancel

Ans: B

Question: 159

By default, when an EBS volume is attached to a Windows instance, it may show up as any drive letter on the instance. You can change the settings of the _____ Service to set

the drive letters of the EBS volumes per your specifications.

- A. EBSConfig Service
- B. AMIConfig Service
- C. Ec2Config Service
- D. Ec2-AMIConfig Service

Ans: C

Question: 160

For each DB Instance class, what is the maximum size of associated storage capacity?

- A. 5GB
- B. 1TB
- C. 2TB
- D. 500GB

Ans: B

Question: 161

SQL Server _____ store logins and passwords in the master database.

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

Ans: C

Question: 162

What is Oracle SQL Developer?

- A. An AWS developer who is an expert in Amazon RDS using both the Oracle and SQL Server DB engines
- B. A graphical Java tool distributed without cost by Oracle.
- C. It is a variant of the SQL Server Management Studio designed by Microsoft to support Oracle DBMS functionalities
- D. A different DBMS released by Microsoft free of cost

Ans: C

Question: 163

Does Amazon RDS allow direct host access via Telnet, Secure Shell (SSH), or Windows Remote Desktop Connection?

- A. Yes
- B. No
- C. Depends on if it is in VPC or not

Ans: B

Question: 164

To view information about an Amazon EBS volume, open the Amazon EC2 console at <https://console.aws.amazon.com/ec2/>, click _____ in the Navigation pane.

- A. EBS
- B. Describe
- C. Details
- D. Volumes

Ans: D

Question: 165

You must increase storage size in increments of at least _____ %

- A. 40
- B. 30
- C. 10
- D. 20

Ans: C

Question: 166

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

- A. Yes but only in certain cases
- B. No
- C. Yes always

Ans: B

Question: 167

While creating the snapshots using the API, which Action should I be using?

- A. MakeSnapShot
- B. FreshSnapshot
- C. DeploySnapshot
- D. CreateSnapshot

Ans: D

Question: 168

Provisioned IOPS Costs: you are charged for the IOPS and storage whether or not you use them in a given month.

- A. TRUE
- B. FALSE

Ans: A

Question: 169

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

- A. DB Instance
- B. DB Server
- C. DB Unit
- D. DB Volume

Ans: A

Question: 170

While signing in REST/ Query requests, for additional security, you should transmit your requests using Secure Sockets Layer (SSL) by using _____

- A. HTTP
- B. Internet Protocol Security(IPsec)
- C. TLS (Transport Layer Security)
- D. HTTPS

Ans: D

Question: 171

What happens to the I/O operations while you take a database snapshot?

- A. I/O operations to the database are suspended for a few minutes while the backup is in

progress.

B. I/O operations to the database are sent to a Replica (if available) for a few minutes while the backup is in progress.

C. I/O operations will be functioning normally

D. I/O operations to the database are suspended for an hour while the backup is in progress

Ans: C

Question: 172

Read Replicas require a transactional storage engine and are only supported for the _____ storage engine

A. OracleISAM

B. MSSQLDB

C. InnoDB

D. MyISAM

Ans: C

Question: 173

When running my DB Instance as a Multi-AZ deployment, can I use the standby for read or write operations?

A. Yes

B. Only with MSSQL based RDS

C. Only for Oracle RDS instances

D. No

Ans: D

Question: 174

When should I choose Provisioned IOPS over Standard RDS storage?

A. If you have batch-oriented workloads

B. If you use production online transaction processing (OLTP) workloads.

C. If you have workloads that are not sensitive to consistent performance

Ans: B

Question: 175

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

A. Dynamic DB is designed to scale without limits, but if you go beyond 10,000 you have to contact AWS first.

B. 1,000 write capacity units

C. 100,000 write capacity units

D. 10,000 write capacity units

Ans: A

Question: 176

In the 'Detailed' monitoring data available for your Amazon EBS volumes, Provisioned IOPS volumes automatically send _____ minute metrics to Amazon CloudWatch.

A. 3

B. 1

C. 5

D. 2

Ans: B

Question: 177

What is the minimum charge for the data transferred between Amazon RDS and Amazon EC2 Instances in the same Availability Zone?

- A. USD 0.10 per GB
- B. No charge. It is free.
- C. USD 0.02 per GB
- D. USD 0.01 per GB

Ans: B

Question: 178

Are Reserved Instances available for Multi-AZ Deployments?

- A. Only for Cluster Compute instances
- B. Yes for all instance types
- C. Only for M3 instance types
- D. No

Ans: D

Question: 179

Which service enables AWS customers to manage users and permissions in AWS?

- A. AWS Access Control Service (ACS)
- B. AWS Identity and Access Management (IAM)
- C. AWS Identity Manager (AIM)

Ans: B

Question: 180

Which Amazon Storage behaves like raw, unformatted, external block devices that you can attach to your instances?

- A. None of these.
- B. Amazon Instance Storage
- C. Amazon EBS
- D. All of these

Ans: B

Question: 181

Which Amazon service can I use to define a virtual network that closely resembles a traditional data center?

- A. Amazon VPC
- B. Amazon ServiceBus
- C. Amazon EMR
- D. Amazon RDS

Ans: A

Question: 182

Fill in the blanks : _____ let you categorize your EC2 resources in different ways, for example, by purpose, owner, or environment.

- A. Tags
- B. special filters
- C. pointers
- D. Functions

Ans: A

Question: 183

What is the command line instruction for running the remote desktop client in Windows?

- A. desk.cpl
- B. Mstsc

Ans: B

Question: 184

Amazon RDS automated backups and DB Snapshots are currently supported for only the _____ storage engine

- A. MyISAM
- B. InnoDB

Ans: B

Question: 185

MySQL installations default to port _____.

- A. 3306
- B. 443
- C. 80
- D. 1158

Ans: A

Question: 186

If you have chosen Multi-AZ deployment, in the event of a planned or unplanned outage of your primary DB Instance, Amazon RDS automatically switches to the standby replica. The automatic failover mechanism simply changes the _____ record of the main DB Instance to point to the standby DB Instance.

- A. DNAME
- B. CNAME
- C. TXT
- D. MX

Ans: B

Question: 187

If I modify a DB Instance or the DB parameter group associated with the instance, should I reboot the instance for the changes to take effect?

- A. No
- B. Yes

Ans: B

Question: 188

If I want to run a database in an Amazon instance, which is the most recommended Amazon storage option?

- A. Amazon Instance Storage
- B. Amazon EBS
- C. You can't run a database inside an Amazon instance.
- D. Amazon S3

Ans: B

Question: 189

In regards to IAM you can edit user properties later, but you cannot use the console to change the_____.

- A. user name
- B. password
- C. default group

Ans: A

Question: 190

Can I test my DB Instance against a new version before upgrading?

- A. No
- B. Yes
- C. Only in VPC

Ans: B

Question: 191

True or False: If you add a tag that has the same key as an existing tag on a DB Instance, the new value overwrites the old value.

- A. FALSE
- B. TRUE

Ans: B

Question: 192

Can I use Provisioned IOPS with VPC?

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

Ans: B

Question: 193

Making your snapshot public shares all snapshot data with everyone. Can the snapshots with AWS Marketplace product codes be made public?

- A. No
- B. Yes

Ans: B

Question: 194

Fill in the blanks: "To ensure failover capabilities, consider using a _____ for incoming traffic on a network interface".

- A. primary public IP
- B. secondary private IP
- C. secondary public IP
- D. add on secondary IP

Ans: D

Question: 195

If I have multiple Read Replicas for my master DB Instance and I promote one of them, what happens to the rest of the Read Replicas?

- A. The remaining Read Replicas will still replicate from the older master DB Instance

- B. The remaining Read Replicas will be deleted
- C. The remaining Read Replicas will be combined to one read replica

Ans: A

Question: 196

What does Amazon CloudFormation provide?

- A. The ability to setup Autoscaling for Amazon EC2 instances.
- B. None of these.
- C. A templated resource creation for Amazon Web Services.
- D. A template to map network resources for Amazon Web Services.

Ans: C

Question: 197

Can I encrypt connections between my application and my DB Instance using SSL?

- A. No
- B. Yes
- C. Only in VPC
- D. Only in certain regions

Ans: C

Question: 198

What are the four levels of AWS Premium Support?

- A. Basic, Developer, Business, Enterprise
- B. Basic, Startup, Business, Enterprise
- C. Free, Bronze, Silver, Gold
- D. All support is free

Ans: B

Question: 199

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

- A. Amazon Cloud Watch
- B. Status of the Amazon RDS DB
- C. AWS Service Health Dashboard
- D. AWS Cloud Monitor

Ans: C

Question: 200

Please select the Amazon EC2 resource which cannot be tagged.

- A. images (AMIs, kernels, RAM disks)
- B. Amazon EBS volumes
- C. Elastic IP addresses
- D. VPCs

Ans: C

Question: 201

Can the string value of 'Key' be prefixed with :aws:"?

- A. Only in GovCloud
- B. Only for S3 not EC2
- C. Yes
- D. No

Ans: C

Question: 202

Because of the extensibility limitations of striped storage attached to Windows Server, Amazon RDS does not currently support increasing storage on a _____ DB Instance.

- A. SQL Server
- B. MySQL
- C. Oracle

Ans: A

Question: 203

Through which of the following interfaces is AWS Identity and Access Management available?

- A) AWS Management Console
 - B) Command line interface (CLI)
 - C) IAM Query API
 - D) Existing libraries
- A. Only through Command line interface (CLI)
- B. A, B and C
- C. A and C
- D. All of the above

Ans: D

Question: 204

Select the incorrect statement

- A. In Amazon EC2, the private IP addresses only returned to Amazon EC2 when the instance is stopped or terminated
- B. In Amazon VPC, an instance retains its private IP addresses when the instance is stopped.
- C. In Amazon VPC, an instance does NOT retain its private IP addresses when the instance is stopped.
- D. In Amazon EC2, the private IP address is associated exclusively with the instance for its lifetime

Ans: B

Question: 205

How are the EBS snapshots saved on Amazon S3?

- A. Exponentially
- B. Incrementally
- C. EBS snapshots are not stored in the Amazon S3
- D. Decrementally

Ans: B

Question: 206

What is the type of monitoring data (for Amazon EBS volumes) which is available automatically in 5-minute periods at no charge called?

- A. Basic
- B. Primary
- C. Detailed

D. Local

Ans: A

Question: 207

The new DB Instance that is created when you promote a Read Replica retains the backup window period.

- A. TRUE
- B. FALSE

Ans: A

Question: 208

What happens when you create a topic on Amazon SNS?

- A. The topic is created, and it has the name you specified for it.
- B. An ARN (Amazon Resource Name) is created.
- C. You can create a topic on Amazon SQS, not on Amazon SNS.
- D. This question doesn't make sense.

Ans: B

Question: 209

Can I delete a snapshot of the root device of an EBS volume used by a registered AMI?

- A. Only via API
- B. Only via Console
- C. Yes
- D. No

Ans: C

Question: 210

Can I test my DB Instance against a new version before upgrading?

- A. Only in VPC
- B. No
- C. Yes

Ans: C

Question: 211

What is the maximum response time for a Business level Premium Support case?

- A. 120 seconds
- B. 1 hour
- C. 10 minutes
- D. 12 hours

Ans: B

Question: 212

The _____ service is targeted at organizations with multiple users or systems that use AWS products such as

Amazon EC2, Amazon SimpleDB, and the AWS Management Console.

- A. Amazon RDS
- B. AWS Integrity Management
- C. AWS Identity and Access Management
- D. Amazon EMR

Ans: C

Question: 213

True or False: Without IAM, you cannot control the tasks a particular user or system can do and what AWS resources they might use.

- A. FALSE
- B. TRUE

Ans: A

Question: 214

When you use the AWS Management Console to delete an IAM user, IAM also deletes any signing certificates and any access keys belonging to the user.

- A. FALSE
- B. This is configurable
- C. TRUE

Ans: C

Question: 215

When automatic failover occurs, Amazon RDS will emit a DB Instance event to inform you that automatic failover occurred. You can use the _____ to return information about events related to your DB Instance

- A. FetchFailure
- B. DescribeFailure
- C. DescribeEvents
- D. FetchEvents

Ans: C

Question: 216

What is the default maximum number of MFA devices in use per AWS account (at the root account level)?

- A. 1
- B. 5
- C. 15
- D. 10

Ans: A

Question: 217

Is there a limit to how many groups a user can be in?

- A. Yes for all users except root
- B. Yes unless special permission granted
- C. Yes for all users
- D. No

Ans: C

Question: 218

Do the Amazon EBS volumes persist independently from the running life of an Amazon EC2 instance?

- A. Only if instructed to when created

- B. Yes
- C. No

Ans: B

Question: 219

Can we attach an EBS volume to more than one EC2 instance at the same time?

- A. Yes.
- B. No
- C. Only EC2-optimized EBS volumes.
- D. Only in read mode.

Ans: B

Question: 220

Select the correct set of options. These are the initial settings for the default security group:

- A. Allow no inbound traffic, Allow all outbound traffic and Allow instances associated with this security group to talk to each other
- B. Allow all inbound traffic, Allow no outbound traffic and Allow instances associated with this security group to talk to each other
- C. Allow no inbound traffic, Allow all outbound traffic and Does NOT allow instances associated with this security group to talk to each other
- D. Allow all inbound traffic, Allow all outbound traffic and Does NOT allow instances associated with this security group to talk to each other

Ans: A

Question: 221

What does Amazon Route53 provide?

- A. A global Content Delivery Network.
- B. None of these.
- C. A scalable Domain Name System.
- D. An SSH endpoint for Amazon EC2.

Ans: C

Question: 222

What does Amazon ElastiCache provide?

- A. A service by this name doesn't exist. Perhaps you mean Amazon CloudCache.
- B. A virtual server with a huge amount of memory.
- C. A managed In-memory cache service.
- D. An Amazon EC2 instance with the Memcached software already pre-installed.

Ans: C

Question: 223

How many Elastic IP by default in Amazon Account?

- A. 1 Elastic IP
- B. 3 Elastic IP
- C. 5 Elastic IP

D. 0 Elastic IP

Ans: C

Question: 224

What is a Security Group?

- A. None of these.
- B. A list of users that can access Amazon EC2 instances.
- C. An Access Control List (ACL) for AWS resources.
- D. A firewall for inbound traffic, built-in around every Amazon EC2 instance.

Ans: D

Question: 225

The one-time payment for Reserved Instances is _____ refundable if the reservation is cancelled.

- A. always
- B. in some circumstances
- C. never

Ans: C

Question: 226

Please select the Amazon EC2 resource which can be tagged.

- A. key pairs
- B. Elastic IP addresses
- C. placement groups
- D. Amazon EBS snapshots

Ans: C

Question: 227

What is Amazon Glacier?

- A. It's a security tool that allows to "freeze" an EC2 instance and perform computer forensics on it.
- B. A security tool that allows to "freeze" an EBS volume and perform computer forensics on it.
- C. A low-cost storage service that provides secure and durable storage for data archiving and backup.
- D. You mean Amazon "Iceberg": it's a low-cost storage service.

Ans: C

Question: 228

If an Amazon EBS volume is the root device of an instance, can I detach it without stopping the instance?

- A. Yes but only if Windows instance
- B. No
- C. Yes
- D. Yes but only if a Linux instance

Ans: B

Question: 229

If you are using Amazon RDS Provisioned IOPS storage with MySQL and Oracle database engines, you can scale

the throughput of your database Instance by specifying the IOPS rate from _____ .

- A. 1,000 to 1, 00, 000
- B. 100 to 1, 000
- C. 10, 000 to 1, 00, 000
- D. 1, 000 to 10, 000

Ans: D

Question: 230

Every user you create in the IAM system starts with _____.

- A. full permissions
- B. no permissions
- C. partial permissions

Ans: B

Question: 231

After an Amazon VPC instance is launched, can I change the VPC security groups it belongs to?

- A. Only if the tag "VPC_Change_Group" is true
- B. Yes. You can.
- C. No. You cannot.
- D. Only if the tag "VPC Change Group" is true

Ans: B

Question: 232

A _____ is an individual, system, or application that interacts with AWS programmatically.

- A. user
- B. AWS Account
- C. Group
- D. Role

Ans: A

Question: 233

Select the correct statement:

- A. You don't need not specify the resource identifier while stopping a resource
- B. You can terminate, stop, or delete a resource based solely on its tags
- C. You can't terminate, stop, or delete a resource based solely on its tags
- D. You don't need to specify the resource identifier while terminating a resource

Ans: B

Question: 234

Amazon EC2 has no Amazon Resource Names (ARNs) because you can't specify a particular Amazon EC2 resource in an IAM policy.

- A. TRUE
- B. FALSE

Ans: A

Question: 235

Can I initiate a "forced failover" for my MySQL Multi-AZ DB Instance deployment?

- A. Only in certain regions
- B. Only in VPC
- C. Yes
- D. No

Ans: C

Question: 236

A group can contain many users. Can a user belong to multiple groups?

- A. Yes always
- B. No
- C. Yes but only if they are using two factor authentication
- D. Yes but only in VPC

Ans: B

Question: 237

Is the encryption of connections between my application and my DB Instance using SSL for the MySQL server engines available?

- A. Yes
- B. Only in VPC
- C. Only in certain regions
- D. No

Ans: A

Question: 238

Which AWS instance address has the following characteristics? : "If you stop an instance, its Elastic IP address is unmapped, and you must remap it when you restart the instance."

- A. Both A and B
- B. None of these
- C. VPC Addresses
- D. EC2 Addresses

Ans: A

Question: 239

True or False: Common points of failures like generators and cooling equipment are shared across Availability Zones.

- A. TRUE
- B. FALSE

Ans: B

Question: 240

Please select the most correct answer regarding the persistence of the Amazon Instance Store

- A. The data on an instance store volume persists only during the life of the associated Amazon EC2 instance
- B. The data on an instance store volume is lost when the security group rule of the associated instance is changed.

C. The data on an instance store volume persists even after associated Amazon EC2 instance is deleted

Ans: A

Question: 241

Multi-AZ deployment _____ supported for Microsoft SQL Server DB Instances.

- A. is not currently
- B. is as of 2013
- C. is planned to be in 2014
- D. will never be

Ans: A

Question: 242

Security groups act like a firewall at the instance level, whereas _____ are an additional layer of security that act at the subnet level.

- A. DB Security Groups
- B. VPC Security Groups
- C. network ACLs

Ans: C

Question: 243

What does Amazon SWF stand for?

- A. Simple Wireless Forms
- B. Simple Web Form
- C. Simple Work Flow
- D. Simple Web Flow

Ans: C

Question: 244

What does Amazon Elastic Beanstalk provide?

- A. An application container on top of Amazon Web Services.
- B. A scalable storage appliance on top of Amazon Web Services.
- C. A scalable cluster of EC2 instances.
- D. A service by this name doesn't exist.

Ans: B

Question: 245

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

- A. No
- B. Yes

Ans: A

Question: 246

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

- A. Yes, using the AWS multi-factor token devices to authenticate users on the AWS platform.
- B. No, you cannot integrate multi-factor token devices with the AWS platform.
- C. Yes, you can integrate private multi-factor token devices to authenticate users to the AWS platform.

Ans: C

Question: 247

My Read Replica appears "stuck" after a Multi-AZ failover and is unable to obtain or apply updates from the source DB Instance. What do I do?

- A. You will need to delete the Read Replica and create a new one to replace it.
- B. You will need to disassociate the DB Engine and re associate it.
- C. The instance should be deployed to Single AZ and then moved to Multi- AZ once again
- D. You will need to delete the DB Instance and create a new one to replace it.

Ans: D

Question: 248

Which DNS name can only be resolved within Amazon EC2?

- A. Internal DNS name
- B. External DNS name
- C. Global DNS name
- D. Private DNS name

Ans: A

Question: 249

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.

- A. storage-overflow
- B. storage-full
- C. storage-exceed
- D. storage-overage

Ans: B

Question: 250

Is it possible to access your EBS snapshots?

- A. Yes, through the Amazon S3 APIs.
- B. Yes, through the Amazon EC2 APIs.
- C. No, EBS snapshots cannot be accessed; they can only be used to create a new EBS volume.
- D. EBS doesn't provide snapshots.

Ans: C

Question: 251

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

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

Ans: D

Question: 252

Does Amazon RDS for SQL Server currently support importing data into the msdb database?

- A. No

B. Yes

Ans: A

Question: 253

Does Route 53 support MX Records?

- A. Yes.
- B. It supports CNAME records, but not MX records.
- C. No
- D. Only Primary MX records. Secondary MX records are not supported.

Ans: A

Question: 254

Because of the extensibility limitations of striped storage attached to Windows Server, Amazon RDS does not currently support increasing storage on a _____ DB Instance.

- A. SQL Server
- B. MySQL
- C. Oracle

Ans: B

Question: 255

How can I change the security group membership for interfaces owned by other AWS, such as Elastic Load Balancing?

- A. using all these methods
- B. By using the service specific console or API\CLI commands
- C. None of these

Ans: A

Question: 256

True or False: When you perform a restore operation to a point in time or from a DB Snapshot, a new DB Instance is created with a new endpoint.

- A. FALSE
- B. TRUE

Ans: B

Question: 257

Which Amazon storage do you think is the best for my database-style applications that frequently encounter many random reads and writes across the dataset?

- A. None of these.
- B. Amazon Instance Storage
- C. Any of these
- D. Amazon EBS

Ans: D

Question: 258

Select the correct set of steps for exposing the snapshot only to specific AWS accounts

- A. Select public for all the accounts and check mark those accounts with whom you want to expose the snapshots and click save.
- B. Select Private, enter the IDs of those AWS accounts, and click Save.
- C. Select Public, enter the IDs of those AWS accounts, and click Save.
- D. Select Public, mark the IDs of those AWS accounts as private, and click Save.

Ans: B

Question: 259

Is decreasing the storage size of a DB Instance permitted?

- A. Depends on the RDMS used
- B. Yes
- C. No

Ans: C

Question: 260

When should I choose Provisioned IOPS over Standard RDS storage?

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

Ans: A

Question: 261

In the context of MySQL, version numbers are organized as MySQL version = X.Y.Z. What does X denote here?

- A. release level
- B. minor version
- C. version number
- D. major version

Ans: D

Question: 262

In the 'Detailed' monitoring data available for your Amazon EBS volumes, Provisioned IOPS volumes

automatically send _____ minute metrics to Amazon CloudWatch.

- A. 5
- B. 2
- C. 1
- D. 3

Ans: C

Question: 263

It is advised that you watch the Amazon CloudWatch "_____" metric (available via the AWS Management

Console or Amazon Cloud Watch APIs) carefully and recreate the Read Replica should it fall behind due to replication errors.

- A. Write Lag
- B. Read Replica
- C. Replica Lag

D. Single Replica

Ans: C

Question: 264

Can the string value of 'Key' be prefixed with laws?

- A. No
- B. Only for EC2 not S3
- C. Yes
- D. Only for S3 not EC

Ans: C

Question: 265

By default what are ENIs that are automatically created and attached to instances using the EC2 console set to do when the attached instance terminates?

- A. Remain as is
- B. Terminate
- C. Hibernate
- D. Pause

Ans: B

Question: 266

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

- A. Yes, you can integrate private multi-factor token devices to authenticate users to the AWS platform.
- B. No, you cannot integrate multi-factor token devices with the AWS platform.
- C. Yes, using the AWS multi-factor token devices to authenticate users on the AWS platform.

Ans: C

Question: 267

You can use _____ and _____ to help secure the instances in your VPC.

- A. security groups and multi-factor authentication
- B. security groups and 2-Factor authentication
- C. security groups and biometric authentication
- D. security groups and network ACLs

Ans: D

Question: 268

Fill in the blanks: _____ is a durable, block-level storage volume that you can attach to a single, running Amazon EC2 instance.

- A. Amazon S3
- B. Amazon EBS
- C. None of these
- D. All of these

Ans: B

Question: 269

Do the Amazon EBS volumes persist independently from the running life of an Amazon

EC2 instance?

- A. No
- B. Only if instructed to when created
- C. Yes

Ans: C

Question: 270

If I want my instance to run on a single-tenant hardware, which value do I have to set the instance's tenancy attribute to?

- A. dedicated
- B. isolated
- C. one
- D. reserved

Ans: A

Question: 271

What does Amazon RDS stand for?

- A. Regional Data Server.
- B. Relational Database Service.
- C. Nothing.
- D. Regional Database Service.

Ans: B

Question: 272

What does the following command do with respect to the Amazon EC2 security groups?
ec2-create-group CreateSecurityGroup

- A. Creates a new rule inside the security group.
- B. Creates a new security group for use with your account.
- C. Creates a new group inside the security group.
- D. Groups the user created security groups in to a new group for easy access.

Ans: B

Question: 273

What is the maximum response time for a Business level Premium Support case?

- A. 30 minutes
- B. You always get instant responses (within a few seconds).
- C. 10 minutes
- D. 1 hour

Ans: D

Question: 274

What does Amazon ELB stand for?

- A. Elastic Linux Box.
- B. Encrypted Linux Box.
- C. Encrypted Load Balancing.
- D. Elastic Load Balancing.

Ans: D

Question: 275

What does Amazon CloudFormation provide?

- A. None of these.
- B. The ability to setup Autoscaling for Amazon EC2 instances.
- C. A template to map network resources for Amazon Web Services.
- D. A templated resource creation for Amazon Web Services.

Ans: C

Question: 276

Is there a limit to the number of groups you can have?

- A. Yes for all users except root
- B. No
- C. Yes unless special permission granted
- D. Yes for all users

Ans: D

Question: 277

Location of Instances are _____

- A. Regional
- B. based on Availability Zone
- C. Global

Ans: B

Question: 278

Is there any way to own a direct connection to Amazon Web Services?

- A. You can create an encrypted tunnel to VPC, but you don't own the connection.
- B. Yes, it's called Amazon Dedicated Connection.
- C. No, AWS only allows access from the public Internet.
- D. Yes, it's called Direct Connect.

Ans: D

Question: 279

What is the maximum response time for a Business level Premium Support case?

- A. 30 minutes
- B. 1 hour
- C. 12 hours
- D. 10 minutes

Ans: B

Question: 280

You must assign each server to at least _____ security group

- A. 4
- B. 3
- C. 1
- D. 2

Ans: C

Question: 281

Does Dynamic DB support in-place atomic updates?

- A. It is not defined

- B. No
- C. Yes
- D. It does support in-place non-atomic updates

Ans: C

Question: 282

Is there a method in the IAM system to allow or deny access to a specific instance?

- A. Only for VPC based instances
- B. Yes
- C. No

Ans: B

Question: 283

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

- A. DB Instance
- B. DB Unit
- C. DB Server
- D. DB Volume

Ans: A

Question: 284

What does Amazon SES stand for?

- A. Simple Elastic Server
- B. Simple Email Service
- C. Software Email Solution
- D. Software Enabled Server

Ans: B

Question: 285

Amazon S3 doesn't automatically give a user who creates _____ permission to perform other actions on that bucket or object.

- A. a file
- B. a bucket or object
- C. a bucket or file
- D. a object or file

Ans: B

Question: 286

Can I attach more than one policy to a particular entity?

- A. Yes always
- B. Only if within GovCloud
- C. No
- D. Only if within VPC

Ans: A

Question: 287

Fill in the blanks: A _____ is a storage device that moves data in sequences of bytes or bits (blocks). Hint: These devices support random access and generally use buffered I/O.

- A. block map
- B. storage block
- C. mapping device
- D. block device

Ans: D

Question: 288

Can I detach the primary (eth0) network interface when the instance is running or stopped?

- A. Yes, You can.
- B. No. You cannot
- C. Depends on the state of the interface at the time

Ans: B

Question: 289

What's an ECU?

- A. Extended Cluster User.
- B. None of these.
- C. Elastic Computer Usage.
- D. Elastic Compute Unit.

Ans: D

Question: 290

REST or Query requests are HTTP or HTTPS requests that use an HTTP verb (such as GET or POST) and a parameter named Action or Operation that specifies the API you are calling.

- A. FALSE
- B. TRUE

Ans: B

Question: 291

What is the charge for the data transfer incurred in replicating data between your primary and standby?

- A. No charge. It is free.
- B. Double the standard data transfer charge
- C. Same as the standard data transfer charge
- D. Half of the standard data transfer charge

Ans: A

Question: 292

Does AWS Direct Connect allow you access to all Availabilities Zones within a Region?

- A. Depends on the type of connection
- B. No
- C. Yes
- D. Only when there's just one availability zone in a region. If there are more than one, only one availability zone can be accessed directly.

Ans: B

Question: 293

How many types of block devices does Amazon EC2 support?

- A. 2
- B. 4
- C. 3
- D. 1

Ans: A

Question: 294

What does the "Server Side Encryption" option on Amazon S3 provide?

- A. It provides an encrypted virtual disk in the Cloud.
- B. It doesn't exist for Amazon S3, but only for Amazon EC2.
- C. It encrypts the files that you send to Amazon S3, on the server side.
- D. It allows to upload files using an SSL endpoint, for a secure transfer.

Ans: C

Question: 295

What does Amazon EBS stand for?

- A. Elastic Block Storage
- B. Elastic Business Server
- C. Elastic Blade Server
- D. Elastic Block Store

Ans: D

Question: 296

Within the IAM service a GROUP is regarded as a:

- A. A collection of AWS accounts
- B. It's the group of EC2 machines that gain the permissions specified in the GROUP.
- C. There's no GROUP in IAM, but only USERS and RESOURCES.
- D. A collection of users.

Ans: D

Question: 297

A _____ is the concept of allowing (or disallowing) an entity such as a user, group, or role some type of access to one or more resources.

- A. user
- B. AWS Account
- C. resource
- D. permission

Ans: B

Question: 298

After an Amazon VPC instance is launched, can I change the VPC security groups it belongs to?

- A. No. You cannot.
- B. Yes. You can.
- C. Only if you are the root user
- D. Only if the tag "VPC_Change_Group" is true

Ans: B

Question: 299

Do the system resources on the Micro instance meet the recommended configuration for Oracle?

- A. Yes completely
- B. Yes but only for certain situations
- C. Not in any circumstance

Ans: B

Question: 300

Will I be charged if the DB instance is idle?

- A. No
- B. Yes
- C. Only is running in GovCloud
- D. Only if running in VPC

Ans: B

Question: 301

If I write the below command, what does it do?

`ec2-run ami-e3a5408a -n 20 -g appserver`

- A. Creates 20 rules in the security group named appserver
- B. Start twenty instances as members of appserver group.
- C. Start 20 security groups
- D. Terminate twenty instances as members of appserver group.

Ans: B

Question: 302

Can I move a Reserved Instance from one Region to another?

- A. No
- B. Yes
- C. Only if they are moving into GovCloud
- D. Only if they are moving to US East from another region

Ans: A

Question: 303

To help you manage your Amazon EC2 instances, images, and other Amazon EC2 resources, you can assign your own metadata to each resource in the form of _____

- A. special filters
- B. functions
- C. tags
- D. wildcards

Ans: C

Question: 304

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

- A. No, you cannot integrate multi-factor token devices with the AWS platform.
- B. Yes, you can integrate private multi-factor token devices to authenticate users to the AWS platform.
- C. Yes, using the AWS multi-factor token devices to authenticate users on the AWS

platform.

Ans: C

Question: 305

True or False: When you add a rule to a DB security group, you do not need to specify port number or protocol.

- A. Depends on the RDMS used
- B. TRUE
- C. FALSE

Ans: C

Question: 306

Is there a limit to the number of groups you can have?

- A. Yes for all users
- B. Yes for all users except root
- C. No
- D. Yes unless special permission granted

Ans: A

Question: 307

Can I initiate a "forced failover" for my Oracle Multi-AZ DB Instance deployment?

- A. Yes
- B. Only in certain regions
- C. Only in VPC
- D. No

Ans: A

Question: 308

Amazon EC2 provides a repository of public data sets that can be seamlessly integrated into AWS cloud-based applications. What is the monthly charge for using the public data sets?

- A. A 1 time charge of 10\$ for all the datasets.
- B. 1\$ per dataset per month
- C. 10\$ per month for all the datasets
- D. There is no charge for using the public data sets

Ans: D

Question: 309

In the Amazon RDS Oracle DB engine, the Database Diagnostic Pack and the Database Tuning Pack are only available with _____

- A. Oracle Standard Edition
- B. Oracle Express Edition
- C. Oracle Enterprise Edition
- D. None of these

Ans: C

Question: 310

Without _____, you must either create multiple AWS accounts-each with its own billing

and subscriptions to

AWS products-or your employees must share the security credentials of a single AWS account.

- A. Amazon RDS
- B. Amazon Glacier
- C. Amazon EMR
- D. Amazon IAM

Ans: D

Question: 311

Amazon RDS supports SOAP only through _____.

- A. HTTP or HTTPS
- B. TCP/IP
- C. HTTP
- D. HTTPS

Ans: D

Question: 312

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.

- A. SOAP
- B. DCOM
- C. CORBA
- D. XML-RPC

Ans: A

Question: 313

Is creating a Read Replica of another Read Replica supported?

- A. Only in VPC
- B. Yes
- C. Only in certain regions
- D. No

Ans: D

Question: 314

What is the charge for the data transfer incurred in replicating data between your primary and standby?

- A. Same as the standard data transfer charge
- B. Double the standard data transfer charge
- C. No charge. It is free
- D. Half of the standard data transfer charge

Ans: C

Question: 315

HTTP Query-based requests are HTTP requests that use the HTTP verb GET or POST and a Query parameter named _____.

- A. Action
- B. Value

- C. Reset
- D. Retrieve

Ans: A

Question: 316

What happens to the I/O operations while you take a database snapshot?

- A. I/O operations to the database are suspended for an hour while the backup is in progress.
- B. I/O operations to the database are sent to a Replica (if available) for a few minutes while the backup is in progress.
- C. I/O operations will be functioning normally
- D. I/O operations to the database are suspended for a few minutes while the backup is in progress.

Ans: D

Question: 317

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>.

- A. private key
- B. foreign key
- C. public key
- D. protected key

Ans: A

Question: 318

_____ embodies the "share-nothing" architecture and essentially involves breaking a large database into several smaller databases. Common ways to split a database include 1) splitting tables that are not joined in the same query onto different hosts or 2) duplicating a table across multiple hosts and then using a hashing algorithm to determine which host receives a given update.

- A. Sharding
- B. Failure recovery
- C. Federation
- D. DDL operations

Ans: A

Question: 319

What is the name of licensing model in which I can use your existing Oracle Database licenses to run Oracle deployments on Amazon RDS?

- A. Bring Your Own License
- B. Role Bases License
- C. Enterprise License
- D. License Included

Ans: A

Question: 320

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.

- A. ApplyNow
- B. ApplySoon
- C. ApplyThis
- D. ApplyImmediately

Ans: D

Question: 321

Does Amazon Route 53 support NS Records?

- A. Yes, it supports Name Service records.
- B. No
- C. It supports only MX records.
- D. Yes, it supports Name Server records.

Ans: D

Question: 322

The SQL Server _____ feature is an efficient means of copying data from a source database to your DB Instance. It writes the data that you specify to a data file, such as an ASCII file.

- A. bulk copy
- B. group copy
- C. dual copy
- D. mass copy

Ans: A

Question: 323

In the Amazon cloudwatch, which metric should I be checking to ensure that your DB Instance has enough free storage space?

- A. FreeStorage
- B. FreeStorageVolume
- C. FreeStorageSpace
- D. FreeStorageAllocation

Ans: C

Question: 324

When using consolidated billing there are two account types. What are they?

- A. Paying account and Linked account
- B. Parent account and Child account
- C. Main account and Sub account.
- D. Main account and Secondary account.

Ans: A

Question: 325

A _____ is a document that provides a formal statement of one or more permissions.

- A. policy
- B. permission
- C. Role
- D. resource

Ans: A

Question: 326

In the Amazon RDS which uses the SQL Server engine, what is the maximum size for a Microsoft SQL Server DB Instance with SQL Server Express edition?

- A. 10 GB per DB
- B. 100 GB per DB
- C. 2 TB per DB
- D. 1TB per DB

Ans: A

Question: 327

Regarding the attaching of ENI to an instance, what does 'warm attach' refer to?

- A. Attaching an ENI to an instance when it is stopped.
- B. This question doesn't make sense.
- C. Attaching an ENI to an instance when it is running
- D. Attaching an ENI to an instance during the launch process

Ans: A

Question: 328

If I scale the storage capacity provisioned to my DB Instance by mid of a billing month, how will I be charged?

- A. You will be charged for the highest storage capacity you have used
- B. On a proration basis
- C. You will be charged for the lowest storage capacity you have used

Ans: B

Question: 329

You can modify the backup retention period; valid values are 0 (for no backup retention) to a maximum of _____ days.

- A. 45
- B. 35
- C. 15
- D. 5

Ans: B

Question: 330

A Provisioned IOPS volume must be at least _____ GB in size

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

Ans: D

Question: 331

Will I be alerted when automatic failover occurs?

- A. Only if SNS configured
- B. No
- C. Yes
- D. Only if Cloudwatch configured

Ans: C

Question: 332

How can an EBS volume that is currently attached to an EC2 instance be migrated from one Availability Zone to another?

- A. Detach the volume and attach it to another EC2 instance in the other AZ.
- B. Simply create a new volume in the other AZ and specify the original volume as the source.
- C. Create a snapshot of the volume, and create a new volume from the snapshot in the other AZ.
- D. Detach the volume, then use the `ec2-migrate-volume` command to move it to another AZ.

Ans: C

Question: 333

If you're unable to connect via SSH to your EC2 instance, which of the following should you check and possibly correct to restore connectivity?

- A. Adjust Security Group to permit egress traffic over TCP port 443 from your IP.
- B. Configure the IAM role to permit changes to security group settings.
- C. Modify the instance security group to allow ingress of ICMP packets from your IP.
- D. Adjust the instance's Security Group to permit ingress traffic over port 22 from your IP.
- E. Apply the most recently released Operating System security patches.

Ans: D

Question: 334

Which of the following features ensures even distribution of traffic to Amazon EC2 instances in multiple Availability Zones registered with a load balancer?

- A. Elastic Load Balancing request routing
- B. An Amazon Route 53 weighted routing policy
- C. Elastic Load Balancing cross-zone load balancing
- D. An Amazon Route 53 latency routing policy

Ans: C

Question: 335

You are using an m1.small EC2 Instance with one 300 GB EBS volume to host a relational database. You determined that write throughput to the database needs to be increased. Which of the following approaches can help achieve this? Choose 2 answers

- A. Use an array of EBS volumes.
- B. Enable Multi-AZ mode.
- C. Place the instance in an Auto Scaling Groups
- D. Add an EBS volume and place into RAID 5.
- E. Increase the size of the EC2 Instance.
- F. Put the database behind an Elastic Load Balancer.

Ans: A,E

Question: 336

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

Ans: A

Question: 337

You are building a solution for a customer to extend their on-premises data center to AWS. The customer requires a 50-Mbps dedicated and private connection to their VPC. Which AWS product or feature satisfies this requirement?

- A. Amazon VPC peering
- B. Elastic IP Addresses
- C. AWS Direct Connect
- D. Amazon VPC virtual private gateway

Ans: C

Question: 338

You have multiple Amazon EC2 instances running in a cluster across multiple Availability Zones within the same region. What combination of the following should be used to ensure the highest network performance (packets per second), lowest latency, and lowest jitter? Choose 3 answers

- A. Amazon EC2 placement groups
- B. Enhanced networking
- C. Amazon PV AMI
- D. Amazon HVM AMI
- E. Amazon Linux
- F. Amazon VPC

Ans: A,B,E

Question: 339

When using the following AWS services, which should be implemented in multiple Availability Zones for high availability solutions? Choose 2 answers

- A. Amazon DynamoDB
- B. Amazon Elastic Compute Cloud (EC2)
- C. Amazon Elastic Load Balancing
- D. Amazon Simple Notification Service (SNS)
- E. Amazon Simple Storage Service (S3)

Ans: B,C

Question: 340

You have a video transcoding application running on Amazon EC2. Each instance polls a

queue to find out which video should be transcoded, and then runs a transcoding process. If this process is interrupted, the video will be transcoded by another instance based on the queuing system. You have a large backlog of videos which need to be transcoded and would like to reduce this backlog by adding more instances. You will need these instances only until the backlog is reduced. Which type of Amazon EC2 instances should you use to reduce the backlog in the most cost efficient way?

- A. Reserved instances
- B. Spot instances
- C. Dedicated instances
- D. On-demand instances

Ans: B

Question: 341

You have an EC2 Security Group with several running EC2 instances. You change the Security Group rules to allow inbound traffic on a new port and protocol, and launch several new instances in the same Security Group. The new rules apply:

- A. Immediately to all instances in the security group.
- B. Immediately to the new instances only.
- C. Immediately to the new instances, but old instances must be stopped and restarted before the new rules apply.
- D. To all instances, but it may take several minutes for old instances to see the changes.

Ans: A

Question: 342

Which services allow the customer to retain full administrative privileges of the underlying EC2 instances? Choose 2 answers

- A. Amazon Relational Database Service
- B. Amazon Elastic Map Reduce
- C. Amazon ElastiCache
- D. Amazon DynamoDB
- E. AWS Elastic Beanstalk

Ans: B,E

Question: 343

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?

- A. Elastic Load Balancing, Amazon EC2, and Auto Scaling
- B. Elastic Load Balancing, Amazon RDS with Multi-AZ, and Amazon S3
- C. Amazon RDS with Multi-AZ and Auto Scaling
- D. Amazon EC2, Amazon DynamoDB, and Amazon S3

Ans: A

Question: 344

Your application provides data transformation services. Files containing data to be transformed are first uploaded to Amazon S3 and then transformed by a fleet of spot EC2 instances. Files submitted by your premium customers must be transformed with the highest priority. How should you implement such a system?

- A. Use a DynamoDB table with an attribute defining the priority level. Transformation instances will scan the table for tasks, sorting the results by priority level.
- B. Use Route 53 latency based-routing to send high priority tasks to the closest

transformation instances.

C. Use two SQS queues, one for high priority messages, the other for default priority. Transformation instances first poll the high priority queue; if there is no message, they poll the default priority queue.

D. Use a single SQS queue. Each message contains the priority level. Transformation instances poll high-priority messages first.

Ans: C

Question: 345

Which technique can be used to integrate AWS IAM (Identity and Access Management) with an on-premise LDAP (Lightweight Directory Access Protocol) directory service?

A. Use an IAM policy that references the LDAP account identifiers and the AWS credentials.

B. Use SAML (Security Assertion Markup Language) to enable single sign-on between AWS and LDAP.

C. Use AWS Security Token Service from an identity broker to issue short-lived AWS credentials.

D. Use IAM roles to automatically rotate the IAM credentials when LDAP credentials are updated.

E. Use the LDAP credentials to restrict a group of users from launching specific EC2 instance types.

Ans: B

Question: 346

Which of the following are characteristics of Amazon VPC subnets? Choose 2 answers

A. Each subnet spans at least 2 Availability Zones to provide a high-availability environment.

B. Each subnet maps to a single Availability Zone.

C. CIDR block mask of /25 is the smallest range supported.

D. By default, all subnets can route between each other, whether they are private or public.

E. Instances in a private subnet can communicate with the Internet only if they have an Elastic IP.

Ans: B,E

Question: 347

A customer is leveraging Amazon Simple Storage Service in eu-west-1 to store static content for a web-based property. The customer is storing objects using the Standard Storage class. Where are the customers objects replicated?

A. A single facility in eu-west-1 and a single facility in eu-central-1

B. A single facility in eu-west-1 and a single facility in us-east-1

C. Multiple facilities in eu-west-1

D. A single facility in eu-west-1

Ans: C

Question: 348

Your web application front end consists of multiple EC2 instances behind an Elastic Load Balancer. You configured ELB to perform health checks on these EC2 instances, if an instance fails to pass health checks, which statement will be true?

A. The instance gets terminated automatically by the ELB.

B. The instance gets quarantined by the ELB for root cause analysis.

- C. The instance is replaced automatically by the ELB.
- D. The ELB stops sending traffic to the instance that failed its health check.

Ans: D

Question: 349

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

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

Ans: A,C,D,F

Question: 350

You have a web application running on six Amazon EC2 instances, consuming about 45% of resources on each instance. You are using auto-scaling to make sure that six instances are running at all times. The number of requests this application processes is consistent and does not experience spikes. The application is critical to your business and you want high availability at all times. You want the load to be distributed evenly between all instances. You also want to use the same Amazon Machine Image (AMI) for all instances. Which of the following architectural choices should you make?

- A. Deploy 6 EC2 instances in one availability zone and use Amazon Elastic Load Balancer.
- B. Deploy 3 EC2 instances in one region and 3 in another region and use Amazon Elastic Load Balancer.
- C. Deploy 3 EC2 instances in one availability zone and 3 in another availability zone and use Amazon Elastic Load Balancer.
- D. Deploy 2 EC2 instances in three regions and use Amazon Elastic Load Balancer.

Ans: C

Question: 351

You have decided to change the instance type for instances running in your application tier that is using Auto Scaling. In which area below would you change the instance type definition?

- A. Auto Scaling policy
- B. Auto Scaling group
- C. Auto Scaling tags
- D. Auto Scaling launch configuration

Explanation:

When selecting an instance to terminate when a scaling condition is met, Auto Scaling attempts to preserve instances with the current launch configuration, and will thus terminate instances that do not have the current launch configuration. When more than one instance meets this criterion, Auto Scaling will terminate the instance running for the longest portion of a billable instance-hour (without running over). Optionally, you can configure a policy to terminate the oldest or newest instance instead. To target a specific instance for immediate termination, you can also use the Terminate Instance In AutoScalingGroup API.

Ans: D

Question: 352

When an EC2 EBS-backed (EBS root) instance is stopped, what happens to the data on any ephemeral store volumes?

- A. Data is automatically saved in an EBS volume.
- B. Data is unavailable until the instance is restarted.
- C. Data will be deleted and will no longer be accessible.
- D. Data is automatically saved as an EBS snapshot.

Ans: C

Question: 353

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

Ans: A,E

Question: 354

When you put objects in Amazon S3, what is the indication that an object was successfully stored?

- A. A HTTP 200 result code and MD5 checksum, taken together, indicate that the operation was successful.
- B. Amazon S3 is engineered for 99.999999999% durability. Therefore there is no need to confirm that data was inserted.
- C. A success code is inserted into the S3 object metadata.
- D. Each S3 account has a special bucket named _s3_logs. Success codes are written to this bucket with a timestamp and checksum.

Ans: A

Question: 355

What is one key difference between an Amazon EBS-backed and an instance-store backed instance?

- A. Amazon EBS-backed instances can be stopped and restarted.
- B. Instance-store backed instances can be stopped and restarted.
- C. Auto scaling requires using Amazon EBS-backed instances.
- D. Virtual Private Cloud requires EBS backed instances.

Ans: A

Question: 356

A company wants to implement their website in a virtual private cloud (VPC). The web 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?

- A. 1
- B. 2
- C. 3
- D. 4

Ans: B

Question: 357

You have launched an Amazon Elastic Compute Cloud (EC2) instance into a public subnet with a primary private IP address assigned, an internet gateway is attached to the VPC, and the public route table is configured to send all Internet-based traffic to the Internet gateway. The instance security group is set to allow all outbound traffic but cannot access the internet. Why is the Internet unreachable from this instance?

- A. The instance does not have a public IP address.
- B. The internet gateway security group must allow all outbound traffic.
- C. The instance security group must allow all inbound traffic.
- D. The instance "Source/Destination check" property must be enabled.

Ans: A

Question: 358

You launch an Amazon EC2 instance without an assigned AWS identity and Access Management (IAM) role. Later, you decide that the instance should be running with an IAM role. Which action must you take in order to have a running Amazon EC2 instance with an IAM role assigned to it?

- A. Create an image of the instance, and register the image with an IAM role assigned and an Amazon EBS volume mapping.
- B. Create a new IAM role with the same permissions as an existing IAM role, and assign it to the running instance.
- C. Create an image of the instance, add a new IAM role with the same permissions as the desired IAM role, and deregister the image with the new role assigned.
- D. Create an image of the instance, and use this image to launch a new instance with the desired IAM role assigned.

Ans: D

Question: 359

How can the domain's zone apex, for example, "myzoneapexdomain.com", be pointed towards an Elastic Load Balancer?

- A. By using an Amazon Route 53 Alias record
- B. By using an AAAA record
- C. By using an Amazon Route 53 CNAME record
- D. By using an A record

Ans: A

Question: 360

An instance is launched into a VPC subnet with the network ACL configured to allow all inbound traffic and deny all outbound traffic. The instance's security group is configured to allow SSH from any IP address and deny all outbound traffic. What changes need to be made to allow SSH access to the instance?

- A. The outbound security group needs to be modified to allow outbound traffic.
- B. The outbound network ACL needs to be modified to allow outbound traffic.
- C. Nothing, it can be accessed from any IP address using SSH.
- D. Both the outbound security group and outbound network ACL need to be modified to allow outbound traffic.

Ans: D

Question: 361

For which of the following use cases are Simple Workflow Service (SWF) and Amazon EC2 an appropriate solution? Choose 2 answers

- A. Using as an endpoint to collect thousands of data points per hour from a distributed fleet of sensors
- B. Managing a multi-step and multi-decision checkout process of an e-commerce website
- C. Orchestrating the execution of distributed and auditable business processes
- D. Using as an SNS (Simple Notification Service) endpoint to trigger execution of video transcoding jobs
- E. Using as a distributed session store for your web application

Ans: A,B

Question: 362

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 "companybackup"?

- A. A custom bucket policy limited to the Amazon S3 API in the Amazon Glacier archive "company-backup"
- B. A custom bucket policy limited to the Amazon S3 API in "company-backup"
- C. A custom IAM user policy limited to the Amazon S3 API for the Amazon Glacier archive "company-backup".
- D. A custom IAM user policy limited to the Amazon S3 API in "company-backup".

Ans: D

Question: 363

A client application requires operating system privileges on a relational database server. What is an appropriate configuration for a highly available database architecture?

- A. A standalone Amazon EC2 instance
- B. Amazon RDS in a Multi-AZ configuration
- C. Amazon EC2 instances in a replication configuration utilizing a single Availability Zone
- D. Amazon EC2 instances in a replication configuration utilizing two different Availability Zones

Ans: D

Question: 364

What is a placement group?

- A. A collection of Auto Scaling groups in the same region
- B. A feature that enables EC2 instances to interact with each other via high bandwidth, low latency connections
- C. A collection of authorized CloudFront edge locations for a distribution
- D. A collection of Elastic Load Balancers in the same Region or Availability Zone

Ans: B

Question: 365

A company has a workflow that sends video files from their on-premise system to AWS for transcoding. They use EC2 worker instances that pull transcoding jobs from SQS. Why is SQS an appropriate service for this scenario?

- A. SQS guarantees the order of the messages.
- B. SQS synchronously provides transcoding output.
- C. SQS checks the health of the worker instances.

D.SQS helps to facilitate horizontal scaling of encoding tasks.

Ans: D

Question: 366

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

- A. Can be used while the snapshot is in progress.
- B. Cannot be detached or attached to an EC2 instance until the snapshot completes
- C. Can be used in read-only mode while the snapshot is in progress.
- D. Cannot be used until the snapshot completes.

Ans: A

Question: 367

What are characteristics of Amazon S3? Choose 2 answers

- A. S3 allows you to store objects of virtually unlimited size.
- B. S3 offers Provisioned IOPS.
- C. S3 allows you to store unlimited amounts of data.
- D. S3 should be used to host a relational database.
- E. Objects are directly accessible via a URL.

Ans: C,E

Question: 368

Per the AWS Acceptable Use Policy, penetration testing of EC2 instances:

- A. May be performed by AWS, and will be performed by AWS upon customer request.
- B. May be performed by AWS, and is periodically performed by AWS.
- C. Are expressly prohibited under all circumstances.
- D. May be performed by the customer on their own instances with prior authorization from AWS.
- E. May be performed by the customer on their own instances, only if performed from EC2 instances

Ans: D

Question: 369

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?

- A. Amazon Glacier multipart upload
- B. AWS Storage Gateway
- C. VM Import/Export
- D. AWS Import/Export

Ans: A

Question: 370

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

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

Ans: E

Question: 371

A customer needs to capture all client connection information from their load balancer every five minutes. The company wants to use this data for analyzing traffic patterns and troubleshooting their applications. Which of the following options meets the customer requirements?

- A. Enable AWS CloudTrail for the load balancer.
- B. Enable access logs on the load balancer.
- C. Install the Amazon CloudWatch Logs agent on the load balancer.
- D. Enable Amazon CloudWatch metrics on the load balancer.

Ans: B

Question: 372

If you want to launch Amazon Elastic Compute Cloud (EC2) instances and assign each instance a predetermined private IP address you should:

- A. Launch the instance from a private Amazon Machine Image (AMI).
- B. Assign a group of sequential Elastic IP address to the instances.
- C. Launch the instances in the Amazon Virtual Private Cloud (VPC).
- D. Launch the instances in a Placement Group.
- E. Use standard EC2 instances since each instance gets a private Domain Name Service (DNS) already.

Ans: C

Question: 373

You need to configure an Amazon S3 bucket to serve static assets for your public-facing web application. Which methods ensure that all objects uploaded to the bucket are set to public read? Choose 2 answers

- A. Set permissions on the object to public read during upload.
- B. Configure the bucket ACL to set all objects to public read.
- C. Configure the bucket policy to set all objects to public read.
- D. Use AWS Identity and Access Management roles to set the bucket to public read.
- E. Amazon S3 objects default to public read, so no action is needed.

Ans: A,C

Question: 374

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

- A. Use Amazon S3 server-side encryption with AWS Key Management Service managed keys.
- B. Use Amazon S3 server-side encryption with customer-provided keys.
- C. Use Amazon S3 server-side encryption with EC2 key pair.
- D. Use Amazon S3 bucket policies to restrict access to the data at rest.
- E. Encrypt the data on the client-side before ingesting to Amazon S3 using their own master key.
- F. Use SSL to encrypt the data while in transit to Amazon S3.

Ans: A,B,E

Question: 375

Which procedure for backing up a relational database on EC2 that is using a set of

RAIDed EBS volumes for storage minimizes the time during which the database cannot be written to and results in a consistent backup?

- A. 1. Detach EBS volumes, 2. Start EBS snapshot of volumes, 3. Re-attach EBS volumes
- B. 1. Stop the EC2 Instance. 2. Snapshot the EBS volumes
- C. 1. Suspend disk I/O, 2. Create an image of the EC2 Instance, 3. Resume disk I/O
- D. 1. Suspend disk I/O, 2. Start EBS snapshot of volumes, 3. Resume disk I/O
- E. 1. Suspend disk I/O, 2. Start EBS snapshot of volumes, 3. Wait for snapshots to complete, 4. Resume disk I/O

Ans: A

Question: 376

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?

- A. Virtual Private Network connection, AWS Directory Services, and ClassicLink
- B. Virtual Private Network connection, AWS Directory Services, and Amazon Workspaces
- C. AWS Directory Service, Amazon Workspaces, and AWS Identity and Access Management
- D. Amazon Elastic Compute Cloud, and AWS Identity and Access Management

Ans: C

Question: 377

After creating a new IAM user which of the following must be done before they can successfully make API calls?

- A. Add a password to the user.
- B. Enable Multi-Factor Authentication for the user.
- C. Assign a Password Policy to the user.
- D. Create a set of Access Keys for the user.

Ans: D

Question: 378

Which of the following are valid statements about Amazon S3? Choose 2 answers

- A. S3 provides read-after-write consistency for any type of PUT or DELETE.
- B. Consistency is not guaranteed for any type of PUT or DELETE.
- C. A successful response to a PUT request only occurs when a complete object is saved.
- D. Partially saved objects are immediately readable with a GET after an overwrite PUT.
- E. S3 provides eventual consistency for overwrite PUTS and DELETES.

Ans: C,E

Question: 379

You are configuring your company's application to use Auto Scaling and need to move user state information.

Which of the following AWS services provides a shared data store with durability and low latency?

- A. AWS ElastiCache Memcached
- B. Amazon Simple Storage Service
- C. Amazon EC2 instance storage
- D. Amazon DynamoDB

Ans: B

Question: 380

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

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

Ans: A,C

Question: 381

Which of the following are characteristics of a reserved instance? Choose 3 answers

- A. It can be migrated across Availability Zones
- B. It is specific to an Amazon Machine Image (AMI)
- C. It can be applied to instances launched by Auto Scaling
- D. It is specific to an instance Type
- E. It can be used to lower Total Cost of Ownership (TCO) of a system

Ans: A,C,E

Question: 382

Which Amazon Elastic Compute Cloud feature can you query from within the instance to access instance properties?

- A. Instance user data
- B. Resource tags
- C. Instance metadata
- D. Amazon Machine Image

Ans: C

Question: 383

Which of the following requires a custom CloudWatch metric to monitor?

- A. Memory Utilization of an EC2 instance
- B. CPU Utilization of an EC2 instance
- C. Disk usage activity of an EC2 instance
- D. Data transfer of an EC2 instance

Ans: A

Question: 384

You are tasked with setting up a Linux bastion host for access to Amazon EC2 instances running in your VPC. Only clients connecting from the corporate external public IP address 72.34.51.100 should have SSH access to the host. Which option will meet the customer requirement?

- A. Security Group Inbound Rule: Protocol - TCP, Port Range - 22, Source 72.34.51.100/32
- B. Security Group Inbound Rule: Protocol - UDP, Port Range - 22, Source 72.34.51.100/32
- C. Network ACL Inbound Rule: Protocol - UDP, Port Range - 22, Source 72.34.51.100/32
- D. Network ACL Inbound Rule: Protocol - TCP, Port Range-22, Source 72.34.51.100/0

Ans: A

Question: 385

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

- A. Use AWS Consolidated Billing and disable AWS root account access for the child accounts.
- B. Enable IAM cross-account access for all corporate IT administrators in each child account.
- C. Create separate VPCs for each division within the corporate IT AWS account.
- D. Use AWS Consolidated Billing to link the divisions' accounts to a parent corporate account.
- E. Write all child AWS CloudTrail and Amazon CloudWatch logs to each child account's Amazon S3 'Log' bucket.

Ans: D,E

Question: 386

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

Ans: A

Question: 387

You are working with a customer who is using Chef configuration management in their data center. Which service is designed to let the customer leverage existing Chef recipes in AWS?

- A. Amazon Simple Workflow Service
- B. AWS Elastic Beanstalk
- C. AWS CloudFormation
- D. AWS OpsWorks

Ans: D

Question: 388

An Auto-Scaling group spans 3 AZs and currently has 4 running EC2 instances. When Auto Scaling needs to terminate an EC2 instance by default, AutoScaling will: Choose 2 answers

- A. Allow at least five minutes for Windows/Linux shutdown scripts to complete, before terminating the instance.
- B. Terminate the instance with the least active network connections. If multiple instances meet this criterion, one will be randomly selected.
- C. Send an SNS notification, if configured to do so.
- D. Terminate an instance in the AZ which currently has 2 running EC2 instances.
- E. Randomly select one of the 3 AZs, and then terminate an instance in that AZ.

Ans: C,D

Question: 389

When an EC2 instance that is backed by an S3-based AMI is terminated, what happens to the data on the root volume?

- A. Data is automatically saved as an EBS snapshot.

- B.Data is automatically saved as an EBS volume.
- C.Data is unavailable until the instance is restarted.
- D.Data is automatically deleted.

Ans: D

Question: 390

In order to optimize performance for a compute cluster that requires low inter-node latency, which of the following feature should you use?

- A. Multiple Availability Zones
- B.AWS Direct Connect
- C.EC2 Dedicated Instances
- D.Placement Groups
- E.VPC private subnets

Ans: D

Question: 391

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.Assign an Elastic IP address to the fourth instance.
- C.Configure a publically routable IP Address in the host OS of the fourth instance.
- D.Modify the routing table for the public subnet.

Ans: B

Question: 392

You have a distributed application that periodically processes large volumes of data across multiple Amazon EC2 Instances. The application is designed to recover gracefully from Amazon EC2 instance failures. You are required to accomplish this task in the most cost-effective way. Which of the following will meet your requirements?

- A. Spot Instances
- B. Reserved instances
- C. Dedicated instances
- D. On-Demand instances

Ans: A

Question: 393

Which of the following are true regarding AWS CloudTrail? Choose 3 answers

- A. CloudTrail is enabled globally
- B. CloudTrail is enabled by default
- C. CloudTrail is enabled on a per-region basis
- D. CloudTrail is enabled on a per-service basis.
- E. Logs can be delivered to a single Amazon S3 bucket for aggregation.
- F. CloudTrail is enabled for all available services within a region.
- G. Logs can only be processed and delivered to the region in which they are generated.

Ans: C,D,E

Question: 394

You have a content management system running on an Amazon EC2 instance that is approaching 100% CPU utilization. Which option will reduce load on the Amazon EC2 instance?

- A. Create a load balancer, and register the Amazon EC2 instance with it
- B. Create a CloudFront distribution, and configure the Amazon EC2 instance as the origin
- C. Create an Auto Scaling group from the instance using the CreateAutoScalingGroup action
- D. Create a launch configuration from the instance using the CreateLaunchConfiguration action

Ans: B

Question: 395

You have a load balancer configured for VPC, and all back-end Amazon EC2 instances are in service. However, your web browser times out when connecting to the load balancer's DNS name. Which options are probable causes of this behavior? Choose 2 answers

- A. The load balancer was not configured to use a public subnet with an Internet gateway configured
- B. The Amazon EC2 instances do not have a dynamically allocated private IP address
- C. The security groups or network ACLs are not properly configured for web traffic.
- D. The load balancer is not configured in a private subnet with a NAT instance.
- E. The VPC does not have a VGW configured.

Ans: A,C

Question: 396

A company needs to deploy services to an AWS region which they have not previously used. The company currently has an AWS identity and Access Management (IAM) role for the Amazon EC2 instances, which permits the instance to have access to Amazon DynamoDB. The company wants their EC2 instances in the new region to have the same privileges. How should the company achieve this?

- A. Create a new IAM role and associated policies within the new region
- B. Assign the existing IAM role to the Amazon EC2 instances in the new region
- C. Copy the IAM role and associated policies to the new region and attach it to the instances
- D. Create an Amazon Machine Image (AMI) of the instance and copy it to the desired region using the AMI Copy feature

Ans: B

Question: 397

Which of the following notification endpoints or clients are supported by Amazon Simple Notification Service? Choose 2 answers

- A. Email
- B. CloudFront distribution
- C. File Transfer Protocol
- D. Short Message Service
- E. Simple Network Management Protocol

Ans: A,D

Question: 398

Which set of Amazon S3 features helps to prevent and recover from accidental data loss?

- A. Object lifecycle and service access logging
- B. Object versioning and Multi-factor authentication
- C. Access controls and server-side encryption
- D. Website hosting and Amazon S3 policies

Ans: B

Question: 399

A company needs to monitor the read and write IOPs metrics for their AWS MySQL RDS instance and send real-time alerts to their operations team. Which AWS services can accomplish this? Choose 2 answers

- A. Amazon Simple Email Service
- B. Amazon CloudWatch
- C. Amazon Simple Queue Service
- D. Amazon Route 53
- E. Amazon Simple Notification Service

Ans: B,E

Question: 400

A company is preparing to give AWS Management Console access to developers. Company policy mandates identity federation and role-based access control. Roles are currently assigned using groups in the corporate Active Directory. What combination of the following will give developers access to the AWS console? Choose 2 answers

- A. AWS Directory Service AD Connector
- B. AWS Directory Service Simple AD
- C. AWS Identity and Access Management groups
- D. AWS identity and Access Management roles
- E. AWS identity and Access Management users

Ans: A,D

Question: 401

You are deploying an application to collect votes for a very popular television show. Millions of users will submit votes using mobile devices. The votes must be collected into a durable, scalable, and highly available data store for real-time public tabulation. Which service should you use?

- A. Amazon DynamoDB
- B. Amazon Redshift
- C. Amazon Kinesis
- D. Amazon Simple Queue Service

Ans: A

Question: 402

The Trusted Advisor service provides insight regarding which four categories of an AWS account?

- A. Security, fault tolerance, high availability, and connectivity
- B. Security, access control, high availability, and performance
- C. Performance, cost optimization, security, and fault tolerance
- D. Performance, cost optimization, access control, and connectivity

Ans: C

Question: 403

You are deploying an application to track GPS coordinates of delivery trucks in the United States. Coordinates are transmitted from each delivery truck once every three seconds. You need to design an architecture that will enable real-time processing of these coordinates from multiple consumers. Which service should you use to implement data ingestion?

- A. Amazon Kinesis
- B. AWS Data Pipeline
- C. Amazon AppStream
- D. Amazon Simple Queue Service

Ans: A

Question: 404

A photo-sharing service stores pictures in Amazon Simple Storage Service (S3) and allows application sign-in using an OpenID Connect-compatible identity provider. Which AWS Security Token Service approach to temporary access should you use for the Amazon S3 operations?

- A. SAML-based Identity Federation
- B. Cross-Account Access
- C. AWS Identity and Access Management roles
- D. Web Identity Federation

Ans: D

Question: 405

You have an application running on an Amazon Elastic Compute Cloud instance, that uploads 5 GB video objects to Amazon Simple Storage Service (S3). Video uploads are taking longer than expected, resulting in poor application performance. Which method will help improve performance of your application?

- A. Enable enhanced networking
- B. Use Amazon S3 multipart upload
- C. Leveraging Amazon CloudFront, use the HTTP POST method to reduce latency.
- D. Use Amazon Elastic Block Store Provisioned IOPs and use an Amazon EBS-optimized instance

Ans: B

Question: 406

A customer wants to track access to their Amazon Simple Storage Service (S3) buckets and also use this information for their internal security and access audits. Which of the following will meet the Customer requirement?

- A. Enable AWS CloudTrail to audit all Amazon S3 bucket access.
- B. Enable server access logging for all required Amazon S3 buckets.
- C. Enable the Requester Pays option to track access via AWS Billing
- D. Enable Amazon S3 event notifications for Put and Post.

Ans: A

Question: 407

A company is deploying a two-tier, highly available web application to AWS. Which service provides durable storage for static content while utilizing lower Overall CPU resources for the web tier?

- A. Amazon EBS volume
- B. Amazon S3
- C. Amazon EC2 instance store

D. Amazon RDS instance

Ans: B

Question: 408

You are designing a web application that stores static assets in an Amazon Simple Storage Service (S3) bucket. You expect this bucket to immediately receive over 150 PUT requests per second. What should you do to ensure optimal performance?

- A. Use multi-part upload.
- B. Add a random prefix to the key names.
- C. Amazon S3 will automatically manage performance at this scale.
- D. Use a predictable naming scheme, such as sequential numbers or date time sequences, in the key names

Explanation:

One way to introduce randomness to key names is to add a hash string as prefix to the key name. For example, you can compute an MD5 hash of the character sequence that you plan to assign as the key name. From the hash, pick a specific number of characters, and add them as the prefix to the key name.

Ans: A

Question: 409

When will you incur costs with an Elastic IP address (EIP)?

- A. When an EIP is allocated.
- B. When it is allocated and associated with a running instance.
- C. When it is allocated and associated with a stopped instance.
- D. Costs are incurred regardless of whether the EIP is associated with a running instance.

Explanation:

If you no longer need an EIP, we recommend that you release it (the address must not be associated with an instance). You incur charges for any EIP that's allocated for use with EC2-Classical but not associated with an instance.

Ans: A

Question: 410

A company has an AWS account that contains three VPCs (Dev, Test, and Prod) in the same region. Test is peered to both Prod and Dev. All VPCs have non-overlapping CIDR blocks. The company wants to push minor code releases from Dev to Prod to speed up time to market. Which of the following options helps the company accomplish this?

- A. Create a new peering connection Between Prod and Dev along with appropriate routes.
- B. Create a new entry to Prod in the Dev route table using the peering connection as the target.
- C. Attach a second gateway to Dev. Add a new entry in the Prod route table identifying the gateway as the target.
- D. The VPCs have non-overlapping CIDR blocks in the same account. The route tables contain local routes for all VPCs.

Ans: D

Question: 411

Which of the following instance types are available as Amazon EBS-backed only? Choose 2 answers

- A. General purpose T2
- B. General purpose M3

- C. Compute-optimized C4
- D. Compute-optimized C3
- E. Storage-optimized 12

Ans: A,C

Question: 412

A customer is hosting their company website on a cluster of web servers that are behind a public-facing load balancer. The customer also uses Amazon Route 53 to manage their public DNS. How should the customer configure the DNS zone apex record to point to the load balancer?

- A. Create an A record pointing to the IP address of the load balancer
- B. Create a CNAME record pointing to the load balancer DNS name.
- C. Create a CNAME record aliased to the load balancer DNS name.
- D. Create an A record aliased to the load balancer DNS name

Ans: C

Question: 413

You try to connect via SSH to a newly created Amazon EC2 instance and get one of the following error messages: "Network error: Connection timed out" or "Error connecting to [instance], reason: -> Connection timed out: connect,"

You have confirmed that the network and security group rules are configured correctly and the instance is passing status checks. What steps should you take to identify the source of the behavior? Choose 2 answers

- A. Verify that the private key file corresponds to the Amazon EC2 key pair assigned at launch.
- B. Verify that your IAM user policy has permission to launch Amazon EC2 instances.
- C. Verify that you are connecting with the appropriate user name for your AMI.
- D. Verify that the Amazon EC2 Instance was launched with the proper IAM role.
- E. Verify that your federation trust to AWS has been established.

Ans: A,C

Question: 414

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?

- A. Deploy a Windows Bastion host on the corporate network that has RDP access to all instances in the VPC.
- B. Deploy a Windows Bastion host with an Elastic IP address in the public subnet and allow SSH access to the bastion from anywhere.
- C. 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.
- D. 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.

Ans: D

Question: 415

A customer has a single 3-TB volume on-premises that is used to hold a large repository

of images and print layout files. This repository is growing at 500 GB a year and must be presented as a single logical volume. The customer is becoming increasingly constrained with their local storage capacity and wants an off-site backup of this data, while maintaining low-latency access to their frequently accessed data. Which AWS Storage Gateway configuration meets the customer requirements?

- A. Gateway-Cached volumes with snapshots scheduled to Amazon S3
- B. Gateway-Stored volumes with snapshots scheduled to Amazon S3
- C. Gateway-Virtual Tape Library with snapshots to Amazon S3
- D. Gateway-Virtual Tape Library with snapshots to Amazon Glacier

Ans: D

Question: 416

You are building an automated transcription service in which Amazon EC2 worker instances process an uploaded audio file and generate a text file. You must store both of these files in the same durable storage until the text file is retrieved. You do not know what the storage capacity requirements are. Which storage option is both cost-efficient and scalable?

- A. Multiple Amazon EBS volume with snapshots
- B. A single Amazon Glacier vault
- C. A single Amazon S3 bucket
- D. Multiple instance stores

Ans: C

Question: 417

You need to pass a custom script to new Amazon Linux instances created in your Auto Scaling group. Which feature allows you to accomplish this?

- A. User data
- B. EC2Config service
- C. IAM roles
- D. AWS Config

Ans: B/A

Question: 418

Which of the following services natively encrypts data at rest within an AWS region?

Choose 2 answers

- A. AWS Storage Gateway
- B. Amazon DynamoDB
- C. Amazon CloudFront
- D. Amazon Glacier
- E. Amazon Simple Queue Service

Ans: A,D

Question: 419

A company is building software on AWS that requires access to various AWS services. Which configuration should be used to ensure mat AWS credentials (i.e., Access Key ID/Secret Access Key combination) are not compromised?

- A. Enable Multi-Factor Authentication for your AWS root account.
- B. Assign an IAM role to the Amazon EC2 instance.
- C. Store the AWS Access Key ID/Secret Access Key combination in software comments.
- D. Assign an IAM user to the Amazon EC2 Instance.

Ans: A

Question: 420

Which of the following are true regarding encrypted Amazon Elastic Block Store (EBS) volumes? Choose 2 answers

- A. Supported on all Amazon EBS volume types
- B. Snapshots are automatically encrypted
- C. Available to all instance types
- D. Existing volumes can be encrypted
- E. shared volumes can be encrypted

Explanation:

This feature is supported on all Amazon EBS volume types (General Purpose (SSD), Provisioned IOPS (SSD), and Magnetic). You can access encrypted Amazon EBS volumes the same way you access existing volumes; encryption and decryption are handled transparently and they require no additional action from you, your Amazon EC2 instance, or your application. Snapshots of encrypted Amazon EBS volumes are automatically encrypted, and volumes that are created from encrypted Amazon EBS snapshots are also automatically encrypted.

Ans: A,B (A,C)

Question: 421

A company is deploying a new two-tier web application in AWS. The company has limited staff and requires high availability, and the application requires complex queries and table joins. Which configuration provides the solution for the company's requirements?

- A. MySQL Installed on two Amazon EC2 Instances in a single Availability Zone
- B. Amazon RDS for MySQL with Multi-AZ
- C. Amazon ElastiCache
- D. Amazon DynamoDB

Ans: B

Question: 422

A t2.medium EC2 instance type must be launched with what type of Amazon Machine Image (AMI)?

- A. An Instance store Hardware Virtual Machine AMI
- B. An Instance store Paravirtual AMI
- C. An Amazon EBS-backed Hardware Virtual Machine AMI
- D. An Amazon EBS-backed Paravirtual AMI

Ans: C

Question: 423

You manually launch a NAT AMI in a public subnet. The network is properly configured. Security groups and network access control lists are properly configured. Instances in a private subnet can access the NAT. The NAT can access the Internet. However, private instances cannot access the Internet. What additional step is required to allow access from the private instances?

- A. Enable Source/Destination Check on the private Instances.
- B. Enable Source/Destination Check on the NAT instance.
- C. Disable Source/Destination Check on the private instances.
- D. Disable Source/Destination Check on the NAT instance.

Ans: D

Question: 424

Which of the following approaches provides the lowest cost for Amazon Elastic Block Store snapshots while giving you the ability to fully restore data?

- A. Maintain two snapshots: the original snapshot and the latest incremental snapshot.
- B. Maintain a volume snapshot; subsequent snapshots will overwrite one another
- C. Maintain a single snapshot the latest snapshot is both Incremental and complete.
- D. Maintain the most current snapshot, archive the original and incremental to Amazon Glacier.

Ans: A

Question: 425

An existing application stores sensitive information on a non-boot Amazon EBS data volume attached to an Amazon Elastic Compute Cloud instance. Which of the following approaches would protect the sensitive data on an Amazon EBS volume?

- A. Upload your customer keys to AWS CloudHSM. Associate the Amazon EBS volume with AWS CloudHSM. Remount the Amazon EBS volume.
- B. Create and mount a new, encrypted Amazon EBS volume. Move the data to the new volume. Delete the old Amazon EBS volume.
- C. Unmount the EBS volume. Toggle the encryption attribute to True. Re-mount the Amazon EBS volume.
- D. Snapshot the current Amazon EBS volume. Restore the snapshot to a new, encrypted Amazon EBS volume. Mount the Amazon EBS volume

Ans: D

Question: 426

A US-based company is expanding their web presence into Europe. The company wants to extend their AWS infrastructure from Northern Virginia (us-east-1) into the Dublin (eu-west-1) region. Which of the following options would enable an equivalent experience for users on both continents?

- A. Use a public-facing load balancer per region to load-balance web traffic, and enable HTTP health checks.
- B. Use a public-facing load balancer per region to load-balance web traffic, and enable sticky sessions.
- C. Use Amazon Route 53, and apply a geolocation routing policy to distribute traffic across both regions.
- D. Use Amazon Route 53, and apply a weighted routing policy to distribute traffic across both regions.

Ans: D

Question: 427

Which of the following are use cases for Amazon DynamoDB? Choose 3 answers

- A. Storing BLOB data.
- B. Managing web sessions.
- C. Storing JSON documents.
- D. Storing metadata for Amazon S3 objects.
- E. Running relational joins and complex updates.
- F. Storing large amounts of infrequently accessed data.

Ans: B,C,D (E Also)

Question: 428

A customer implemented AWS Storage Gateway with a gateway-cached volume at their

main office. An event takes the link between the main and branch office offline. Which methods will enable the branch office to access their data? Choose 3 answers

- A. Use a HTTPS GET to the Amazon S3 bucket where the files are located.
- B. Restore by implementing a lifecycle policy on the Amazon S3 bucket.
- C. Make an Amazon Glacier Restore API call to load the files into another Amazon S3 bucket within four to six hours.
- D. Launch a new AWS Storage Gateway instance AMI in Amazon EC2, and restore from a gateway snapshot.
- E. Create an Amazon EBS volume from a gateway snapshot, and mount it to an Amazon EC2 instance.
- F. Launch an AWS Storage Gateway virtual iSCSI device at the branch office, and restore from a gateway snapshot.

Ans: A,D,F

Question: 429

A company has configured and peered two VPCs: VPC-1 and VPC-2. VPC-1 contains only private subnets, and VPC-2 contains only public subnets. The company uses a single AWS Direct Connect connection and private virtual interface to connect their on-premises network with VPC-1. Which two methods increases the fault tolerance of the connection to VPC-1? Choose 2 answers

- A. Establish a hardware VPN over the internet between VPC-2 and the on-premises network.
- B. Establish a hardware VPN over the internet between VPC-1 and the on-premises network.
- C. Establish a new AWS Direct Connect connection and private virtual interface in the same region as VPC-2.
- D. Establish a new AWS Direct Connect connection and private virtual interface in a different AWS region than VPC-1.
- E. Establish a new AWS Direct Connect connection and private virtual interface in the same AWS region as VPC-1

Ans: B,C

Question: 430

What is the minimum time Interval for the data that Amazon CloudWatch receives and aggregates?

- A. One second
- B. Five seconds
- C. One minute
- D. Three minutes
- E. Five minutes

Explanation:

Many metrics are received and aggregated at 1-minute intervals. Some are at 3-minute or 5-minute intervals.

Ans: C

Question: 431

Which of the following statements are true about Amazon Route 53 resource records? Choose 2 answers

- A. An Alias record can map one DNS name to another Amazon Route 53 DNS name.
- B. A CNAME record can be created for your zone apex.
- C. An Amazon Route 53 CNAME record can point to any DNS record hosted anywhere.

D. TTL can be set for an Alias record in Amazon Route 53.

E. An Amazon Route 53 Alias record can point to any DNS record hosted anywhere.

Ans: A,C