Test Paper – AWS Solution Architect Associate

Question 1.   You must assign each server to at least _____ Security Group.

- o   Three
- o   Two
- o   Four
- o   One

Answer - One

Question 2.   Before I delete an EBS Volume, what can I do if I want to recreate the volume later?

- o   Create a copy of the EBS volume (not a snapshot)
- o   Store a snapshot of the volume
- o   Download the content to an EC2 Instance
- o   Back up the data in to a physical disk

Answer – Store a snapshot of the Volume

Question 3.   Select the most correct answer: The device name /dev/sda1 (within Amazon EC2) is

- o   Possible for EBS Volumes
- o   Reserved for the root device
- o   Recommended for EBS volumes
- o   Recommend for instance store volumes

Answer – Reserved for the root device

Question 4.   If I want an instance to have a public IP address, which IP address should I use?

- o   Elastic IP Address
- o   Class B IP Address
- o   Class A IP Address
- o   Dynamic IP Address

Answer –   Elastic IP Address

Question 5.   What does RRS stand for when talking about S3?

- o   Redundancy Removal System
- o   Relational Rights Storage
- o   Regional Rights Standard
- o   Reduced Redundancy Storage

Answer – Reduced Redundancy Storage

Question 6.   All Amazon EC2 instances are assigned two IP addresses at launch out of which one can only be reached within the Amazon EC2 network?

- o   Multiple IP address
- o   Public IP address
- o   Private IP address
- o   Elastic IP address

Answer – Private IP address

Question 7.   What does Amazon SWF stand for

- o   Simple Web Flow
- o   Simple work Flow
- o   Simple Wireless Forms
- o   Simple Web Form

Answer – Simple Work Flow

Question 8.   What is the Reduced Redundancy option in Amazon S3?

- o   Less redundancy for a lower cost.
- o   It doesn't exist in Amazon S3, but in Amazon EBS.
- o   It allows you to destroy an copy of your files outside a specific jurisdiction.

o   It doesn't exist at all

Answer –   Less redundancy for a lower cost

Question 9.   Fill in the blanks: Resources that are created in AWS are identified by a unique identifier called an _____

o   Amazon Resource Number
o   Amazon Resource Nametag
o   Amazon Resource Name
o   Amazon Resource Namespace

Answer –   Amazon Resource name

Question 10. If I write the below command, what does it do? Ec2-run ami-e3a5408a –n 20 –g appserver

o   Start twenty instances as members of appservergroup
o   Creates 20 rules in the security group named appserver
o   Terminate twenty instances as members of appservergroup
o   Start 20 Security groups

Answer –   Start twenty instances as members of appservergroup

Question 11. While creating an Amazon RDS DB, your first task is to setup a DB _____ that controls what IP addresses or EC2 instances have access to your DB Instance.

o   Security Pool
o   Secure Zone
o   Security Token Pool
o   Security Group

Answer –   Security Group

Question 12. When you run a DB Instance as a Multi-AZ deployment, the "_____"
serves database writes and reads

- o   Secondary
- o   Backup
- o   Stand by
- o   Primary

Answer – Primary

Question 13. Can you create IAM security credential for existing users?

- o   Yes, existing users can have security credentials associate with the account
- o   No, IAM requires that all users who have credential set up are not existing users.
- o   No, Security credentials are created within Groups and then users are associated to Groups at a later time.
- o   Yes, but only IAM credentials, not ordinary security credentials.

Answer – Yes, existing users can have security credentials associate with the account

Question 14. What does Amazon EC2 provide?

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

Answer – Virtual servers in the cloud

Question 15. Amazon SWF is designed to help users…

- o   Design graphical user interface interactions
- o   Manage user identification and authorization
- o   Store Web Content
- o   Co-ordinate synchronous and asynchronous tasks which are distributed and fault tolerant.

Answer – Co-ordinate synchronous and asynchronous tasks which are distributed and fault tolerant

Question 16. When you view the block device mapping for your instance, you can see only the EBS volumes, not the instance store volumes

- o Depends on the instance type
- o False
- o Depends on whether you use API call
- o True

Answer - True

Question 17. 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.

- o DeleteonTermination
- o RemoveOnDeletion
- o RemoveOnTermination
- o TerminateonDeletion

Answer - DeleteonTermination

Question 18. What are the initial settings of an user created security group?

- o Allow all inbound traffic and allow no outbound traffic
- o Allow no inbound traffic and Allow no outbound traffic
- o Allow no inbound traffic and Allow all outbound traffic
- o Allow all inbound traffic and Allow all outbound traffic

Answer - Allow no inbound traffic and Allow all outbound traffic

Question 19. Will my standby RDS instance be in the same Region as my primary?

- o Only for Oracle RDS types
- o Yes

- o Only if configured at launch
- o No

Answer - Yes

Question 20. What does Amazon Elastic Beanstalk provide?

- o A scalable storage appliance on top of Amazon Web Services
- o An application container on top of Amazon Web Services.
- o A service by this name does not exist.
- o A Scalable cluster of the EC2 instances

Answer - An application container on top of Amazon Web Services.

Question 21. What will be the status of the snapshot until the snapshot is complete.

- o running
- o working
- o progressing
- o pending

Answer – pending

Question 22. Can we attach an EBS volume to more than one EC2 instance at the same time?

- o No
- o Yes
- o Only EC2-optimized EBS volumes.
- o Only in read mode

Answer - No

Question 23. What does the AWS Storage Gateway provide?

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

Answer - It allows to integrate on-premises IT environment with Cloud Storage.

Question 24. How many relational databases engines does RDS currently support?

- o Six: MySQL, Oracle and Microsoft SQL Server, Amazon Aurora, Maria DB,PostgreSQL
- o Two – MySQL and Oracle
- o Five – MYSql, PostgreSQL, MangoDB, Cassandra and SQLite
- o One – MySQL

Answer - Six: MySQL, Oracle and Microsoft SQL Server, Amazon Aurora, Maria DB,PostgreSQL

Question 25. Fill in the blanks: The base URL for all requests for instance metadata is
_____

- o http://254.169.169.254/latest/
- o http://169.169.254.254/latest/
- o http://127.0.0.1/latest/
- o http://169.254.169.254/latest/

Answer - http://169.254.169.254/latest/

Question 26. While creating the snapshots using command line tools, which command should I be using?

- o ec2-deploy-snapshot
- o ec2-fresh-snapshot

- ec2-create-snapshot
- ec2-new-snapshot
- ec2-create-snapshot

Answer – ec2-create-snapshot

Question 27. What are the two permission types used by AWS?

- Resource based and Product based
- Product based and Service based
- Service based
- User based and Resource based

Answer – User based and Resource based

Question 28. In the Amazon cloud watch, which metric should I be checking to ensure that your DB instance has enough free storage space?

- Free Storage
- FreeStorageSpace
- FreeStorageVolume
- FreeDBStorageSpace

Answer – FreeStorageSpace

Question 29. Amazon RDS DB snapshots and automated backups are stored in

- Amazon S3
- Amazon ECS Volume
- Amazon RDS
- Amazon EMR

Answer – Amazon S3

Question 30. What is the maximum key length of a tag?

- 512 Unicode characters
- 64 Unicode characters
- 256 Unicode characters
- 128 Unicode characters

Answer – 128 Unicode characters

Question 31. Group can't _____

- Be nested more than 3 levels
- Be nested at all
- Be nested more than 4 levels
- Be nested more than 2 levels

Answer – Be nested at all

Question 32. You must increase storage size in increments of at least ____%

- 40
- 20
- 50
- 10

Answer – 10%

Question 33. Changes to the backup windows take effect _____.

- From the next billing cycle
- After 30 minutes
- Immediately
- After 24 hours

Answer – Immediately

Question 34. Using Amazon Cloud Watch's Free Tier, what is the frequency of metric update which you receive

- o 5 minutes
- o 500 milliseconds
- o 30 seconds
- o 1 minute

Answer – 5 minutes

Question 35. Which is the default region in AWS?

- o EU-West-1
- o US-East-1
- o US-East-2
- o Ap-southeast-1

Answer – US-East-1

Question 36. What are the Amazon EC2 API tools?

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

Answer – Command line tools to the Amazon EC2 web service.

Question 37. What are the two types of licensing options available for using Amazon RDS for Oracle.

- o BYOL and Enterprise License
- o BYOL and License included
- o Enterprise License and License included
- o Role based License and License included

Answer – BYOL and License included

Question 38. What does a "Domain" refer to in Amazon SWF?

- o A security group in which only task inside an communicate with each other.
- o A special type of worker
- o A collection of related work flows
- o The DNS record for the Amazon SWF service

Answer – A collection of related work flows

Question 39. Out of the stripping options available for the EBS volumes, which one has the following disadvantages: Doubles the amount of I/O required from the instance to EBS compared to RAID 0, because you are mirroring all writes to a pair of volumes, limiting how much you can stripe.

- o Raid 0
- o Raid 1+0 (RAID 10)
- o Raid 1
- o Raid 2

Answer – Raid 1+0 (RAID 10)

Question 40. Is creating a read replica of another Read replica supported?

- o Only in certain regions
- o Only with MSSQL based RDS
- o Only for Oracle RDS types
- o No

Answer – No

Question 41. Can Amazon S3 uploads resume on failure or do they need to restart?

- o Restart from beginning
- o You can resume them, if you flag the "resume on failure" option before uploading
- o Resume on failure
- o Depends on the file size

Answer – Resume on failure

Question 42. Which of the following cannot be used in Amazon EC2 to control who has access to specific Amazon EC2 instances?

- o Security Groups
- o IAM System
- o SSH Key
- o Windows passwords

Answer – IAM System

Question 43. Fill in the blanks: _____ let you categorize your EC2 resources in different ways, for example, by purpose, owner, or environment

- o Wildcards
- o pointers
- o Tags
- o Special Filters

Answer – Tags

Question 44. How can I change the security group membership for interfaces owned by other AWS, such as Elastic Load Balancing

- o By using the service specific console of API/CLI Commands
- o None of these
- o Using Amazon EC2 API/CLI
- o Using all these methods

Answer –   By using the service specific console of API/CLI Commands

Question 45. What is the maximum write throughput I can provision for a single DynamoDB table?

- o 1000 write capacity units
- o 100,000 write capacity units
- o DynamoDB is designed to scale without limits, but if you go beyond 10,000 you have to contact AWS first
- o 10,000 write capacity units

Answer – DynamoDB is designed to scale without limits, but if you go beyond 10,000 you have to contact AWS first

Question 46. What does the following command do with respect to the Amazon EC2 security groups? Ec2-revoke revokeSecurityGroupIn

- o Removes one or more security groups from a rule
- o Removes one or more security groups from an Amazon EC2 instance
- o Removes one or more rules from a security group
- o Removes a security group from an account

Answer – Removes one or more rules from a security group

Question 47. Can I move a Reserved instance from one region to another

- o No
- o Only if they are moving into GovCloud
- o Yes
- o Only if they are moving to US East from another region

Answer – No

Question 48. What is Amazon Glacier?

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

Answer – A low-cost storage service that provides secure and durable storage for data archiving and backup.

Question 49. What is the durability of S3 RRS?

- 99.99%
- 99.95%
- 99.995%
- 99.999999999%

Answer – 99.99%

Question 50. What does specifying the mapping /dev/sdc=none when launching an instance do?

- Prevents /dev/sdc from creating the instance
- Prevents /dev/sdc from deleting the instance
- Set the value of /dev/sdc to 'zero'
- Prevents /dev/sdc from attaching to the instance

Answer – Prevents /dev/sdc from attaching to the instance

Question 51. Is Federated Storage Engine currently supported by Amazon RDS for MySQL?

- Only for Oracle RDS instances
- No
- Yes
- Only in VPC

Answer – No

Question 52. Is there a limit to how many groups a user can be in?

- Yes for all users
- Yes for all users except root
- No
- Yes unless special permission granted

Answer – Yes for all users

Question 53. A/An _____ acts as a firewall that controls the traffic allowed to reach one or more instances

- o Security group
- o ACL
- o IAM
- o Private IP Addresses

Answer –   Security Group

Question 54. Will my standby RDS instance be in the same availably zone as my primary

- o Only for Oracle RDS types
- o Yes
- o Only if configured at launch
- o No

Answer –   No

Question 55. While launching an RDS DB instance, on which page I can select the Availability zone?

- o Review
- o DB Instance details
- o Management options
- o Additional configuration

Answer –   Additional Configuration

Question 56. What does the following command do with respect to the Amazon EC2 security groups? Ec2-create-group CreateSecurityGroup

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

Answer – Creates a new security group for use with your account.

Question 57. In the Launch DB Instance wizard, where can I select the backup and maintenance options?

- o Under DB Instance details
- o Under Review
- o Under Management options
- o Under Engine Selection

Answer – Under Management options

Question 58. How many types of block devices does Amazon EC2 support

- o 2
- o 3
- o 4
- o 1

Answer – 2

Question 59. IAM provides several policy templates you can use to automatically assign permissions to the groups you create. The _____ policy template gives the Admin group permission to access all account resources, except your AWS account information.

- o Read only access
- o Power user access
- o AWS CloudFormation Read only access
- o Administrator access

Answer – Administrator access

Question 60. 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.

- o Permit
- o Deny
- o Cancel
- o None

Answer – Deny

Question 61. 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.

- o EBSConfig Service
- o AMIConfig Service
- o Ec2Config Service
- o Ec2-AMIConfig Service

Answer – Ec2Config Service

Question 62. For each DB instance class, what is the maximum size of associated storage capacity?

- o 5GB
- o 1TB
- o 2TB
- o 500GB

Answer – 1TB

Question 63. What is Oracle SQL Developer?

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

Answer – A graphical Java tool distributed without cost by Oracle.

Question 64. To view information about an Amazon EBS volume, open the Amazon EC2 console at https://console.aws.amazon.com, click _____ in the navigation pane.

- EBS
- Describe
- Details
- Volumes

Answer – Volumes

Question 65. What is an isolated database environment running in the cloud (Amazon RDS) called?

- DB Instance
- DB Server
- DB Unit
- DB Volume

Answer – DB Instance

Question 66. While signing in REST/ Query requests, for additional security, you should transmit your requests using Secure Sockets Layer (SSL) by using _____

- HTTP
- Internet Protocol Security (IPSec)
- TLS (Transport Layer Security)
- HTTPS

Answer – HTTPS

Question 67. What happens to the I/O operations while you take a database snapshot?

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

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

Answer – I/O operations to the database are suspended for a few minutes while the backup is in progress.

Question 68. Read replicas require a transactional storage engine and are only supported for the _____ storage engine

- OracleISAM
- MSSQLDB
- InnoDB
- MYISAM

Answer – Inno DB

Question 69. When running my DB Instance as a Multi-AZ deployment, can I use the standby for read or write operations.

- Yes
- Only with MSSQL based RDS
- Only for Oracle RDS instances
- No

Answer – No

Question 70. In the 'Detailed' monitoring data available for your Amazon EBS volumes, Provisioned IOPS volumes automatically send ____ minute metrics to Amazon Cloudwatch.

- 3
- 1
- 5
- 2

Answer – 1 minute

Question 71. What is the minimum charge for the data transferred between Amazon RDS and Amazon EC2 Instances in the same availability zones?

- o USD 0.10 per GB
- o No Charges. It is free.
- o USD 0.02 per GB
- o USD 0.01 per GB

Answer – No Charges. It is free.

Question 72. Which services enables AWS customers to manage users and permissions in AWS?

- o AWS Access Control Service (ACS)
- o AWS Identity and Access Management (IAM)
- o AWS Identity Manager (AIM)
- o None

Answer – AWS Identity and Access Management (IAM)

Question 73. What does Amazon ELB stand for

- o Elastic Linux Box
- o Encrypted Linux Box
- o Encrypted Load Balancing
- o Elastic Load Balancing

Answer – Elastic Load Balancing

Question 74. Which Amazon service can I use to define a virtual network that closely resembles a traditional data center?

- o Amazon VPC

- o Amazon ServiceBus
- o Amazon EMR
- o Amazon RDS

Answer – Amazon VPC

Question 75. MySQL installations default to port _____

- o 3306
- o 443
- o 80
- o 1158

Answer – 3306

Question 76. 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.

- o DNAME
- o CNAME
- o TXT
- o MX

Answer – CNAME

Question 77. If I want to run a database in an Amazon instance, which is the most recommended Amazon storage option?

- o Amazon Instance Storage
- o Amazon EBS
- o You can't run a database inside an Amazon instance
- o Amazon S3

Answer – Amazon EBS

Question 78. In regards to IAM you can edit user properties later, but you cannot use the console to change the _____.

- o   Username
- o   Password
- o   Default group
- o   None

Answer – Username

Question 79. Can I use Provisioned IOPS with VPC?

- o   Only Oracle based RDS
- o   No
- o   Only with MSSQL based RDS
- o   Yes for all RDS instances

Answer – Yes for all RDS Instances

Question 80. Fill in the blanks: "To ensure failover capabilities, consider using a _____ for incoming traffic on a network interface".

- o   Primary Public IP
- o   Secondary Private IP
- o   Secondary Public IP
- o   Add on Secondary IP

Answer – Secondary Private IP

Question 81. What does Amazon CloudFormation provide?

- o   The ability to setup Autoscaling for Amazon EC2 instances
- o   None of these
- o   A Templated resource creation for Amazon Web Services
- o   A template to map network resources for Amazon Web Services

Answer – A Templated resource creation for Amazon Web Services

Question 82. Can I encrypt connections between my application and my DB instance using SSL?

- o No
- o Yes
- o Only in VPC
- o Only in certain Regions

Answer – Yes

Question 83. What are the four levels of AWS Premium Support?

- o Basic, Developer, Business, Enterprise
- o Basic, Startup, Business, Enterprise
- o Free, Bronze, Silver, Gold
- o All support is free

Answer – Basic, Developer, Business, Enterprise

Question 84. What can I access by visiting the URL: http://status.aws.amazon.com?

- o Amazon Cloud Watch
- o Status of the Amazon RDS DB
- o AWS Service Health Dashboard
- o AWS Cloud Monitor

Answer – AWS Service Health Dashboard

Question 85. Please select the Amazon EC2 resource which cannot be tagged.

- o Images (AMIs, Kernel, RAM disks)
- o Amazon EBS volumes
- o Elastic IP addresses
- o VPCs

Answer – Elastic IP addresses

Question 86. Can the string value of 'key' be prefixed with :aws:?

- o Only in GovCloud
- o Only for S3 not EC2
- o Yes
- o No

Answer – No

Question 87. 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

- o Only through Command line interface (CLI)
- o A, B and C
- o A and C
- o All of the above

Answer – All of the above

Question 88. How are the EBS snapshots saved on Amazon S3?

- o Exponentially
- o Incrementally
- o EBS snapshots are not stored in the Amazon S3
- o Decrementally

Answer – Incrementally

Question 89. What is the type of monitoring data (for Amazon EBS volumes) which is available automatically in 5 minute periods at no charge called?

- o Basic
- o Primary
- o Detailed

o   Local

Answer – Basic

Question 90. What happens when you create a topic on Amazon SNS?

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

Answer – An ARN (Amazon Resource Name) is created.

Question 91. Can I delete a snapshot of the root device of an EBS volume used by a registered AMI?

- o   Only via API
- o   Only via Console
- o   Yes
- o   No

Answer – Yes

Question 92. What is the maximum response time for a Business level PremiumSupport case?

- o   120 Seconds
- o   1 hour
- o   10 minutes
- o   12 hours

Answer – 1 hour

Question 93. The _____ service is targeted at organization with multiple users or systems that use AWS products such as Amazon EC2, Amazon Simple DB, and the AWS Management Console.

- o   Amazon RDS
- o   AWS Integrity Management
- o   AWS Identity and Access Management
- o   Amazon EMR

Answer – AWS Identity and Access Management

Question 94. 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.

- o   Fetch Failure
- o   DescribeFailure
- o   DescribeEvents
- o   FetchEvents

Answer – DescribeEvents

Question 95. What is the default maximum number of MFA devices in use per AWS account (at the root account level)?

- o   1
- o   5
- o   15
- o   10

Answer – 1

Question 96. Is there a limit to how many groups a user can be in?

- o   A – Yes for all users except root
- o   B – Yes unless special permission grant
- o   C - Yes for all users
- o   D - No

Answer – Yes for all users except root

Question 97. Can we attach an EBS volume to more than one EC2 instance at the same time?

- o   Yes
- o   No
- o   Only EC2 optimized EBS Volumes
- o   Only in read mode

Answer – No

Question 97. Select the correct set of options. These are the initial setting for the default security group:

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

Answer – Allow no inbound traffic, Allow all outbound traffic and Allow instances associated with this security group to talk to each other.

Question 98. What does Amazon Route 53 provide?

- o   A global Content Delivery Network.
- o   None of these
- o   A scalable Domain name System

      o   An SSH endpoint for Amazon EC2

Answer – A scalable Domain Name System

Question 100.   What does Amazon ElastiCache provide?

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

Answer – A managed In-memory cache service.

Question 101.   How may Elastic IP by default in Amazon Account?

      o   1 Elastic IP
      o   3 Elastic IP
      o   5 Elastic IP
      o   0 Elastic IP

Answer – 0 Elastic IP

Question 102.   What is a Security Group?

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

Answer – A firewall for inbound traffic, build-in around every Amazon EC2 instance.

Question 103.   Please select the Amazon EC2 resource which can be tagged.

      o   Key pairs

- Elastic IP addresses
- Placement groups
- Amazon EBS snapshots

Answer – Amazon EBS Snapshots

Question 104.   If an Amazon EBS volume is the root device of an instance, can I detach it without stopping the instance.

- Yes but only if Windows instance
- No
- Yes
- Yes but only if a Linux instance

Answer – No

Quest 105.   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 _____.

- 1,000 – 1,00,000
- 100 – 1,000
- 10,000 – 1,00,000
- 1,000 to 10,000

Answer – 1,000 to 10,000

Quest 106.   After an Amazon VPC instance is launched, can I change the VPC security groups it belongs to?

- Only if the tag "VPC_Change_group" is true
- Yes, you can
- No, You cannot
- Only if the tag "VPC Change Group" is true.

Answer – Yes, you can.

Quest 107.   A _____ is an individual system, or application that interacts with AWS programmatically.

- o   User
- o   AWS Account
- o   Group
- o   Role

Answer – Role

Quest 108.   Select the correct statement:

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

Answer – You can't terminate, stop or delete a resource based solely on its tags.

Quest 109.   Can I initiate a "forced failover" for my MYSQL Multi-AZ DB instance deployment?

- o   Only in certain regions
- o   Only in VPC
- o   Yes
- o   No

Answer – Yes

Quest 110.   A group can contain many users. Can a user belong to multiple groups?

- o   Yes, always
- o   No
- o   Yes, but only if they are using two factor authentication
- o   Yes but only in VPC

Answer – Yes, Always

Quest 111. Is the encryption of connections between my application and my DB Instance using SSL for the MySQL server engines available.

- o Yes
- o Only in VPC
- o Only in certain regions
- o No

Answer – Yes

Quest 112. Is there a limit to the number of groups you can have?

- o Yes for all users except root
- o No
- o Yes unless special permission granted
- o Yes for all users

Answer – Yes for all users

Quest 113. Multi-AZ deployment _____ supported for Microsoft SQL server DB Instances.

- o Is not currently
- o Is as of 2013
- o Is planned to be in 2014
- o Will never be

Answer – Is not currently

Quest 114. Does AWS allow for the use of Multi factor Authentication tokens.

- o Yes, with both hardware or virtual MFA devices.
- o Yes, but it offers only virtual MFA devices

- o   Yes, but it offerss only physical (hardware) MFA devices.
- o   No

Answer – Yes, with both hardware or virtual MFA devices.

Quest 115.   Does DynamoDB support in-place atomic updates?

- o   It is not defined
- o   No
- o   Yes
- o   It does support in-place non-atomic updates

Answer – Yes.

Quest 116.   My Read Replica appears "stuck" after a Multi-AZ failover and is unable to obtain or apply updates from the sources DB Instance. What do I do?

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

Answer – You will need to delete the Read Replica and create a new one to replace it.

Quest 117.   Which DNS name can only be resolved within Amazon EC2?

- o   Internal DNS name
- o   External DNS name
- o   Global DNS name
- o   Private DNS name

Answer – Internal DNS name

Quest 118. 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.

- o Storage Overflow
- o Storage full
- o Storage Exceed
- o Storage Overage

Answer – Storage full

Quest 119. Is it possible to access your EBS snapshots?

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

Answer – Yes, through the Amazon EC2 APIs.

Quest 120. Will my standby RDS instance be in the same Availability zone as my primary?

- o Only for Oracle RDS types
- o Only if configured at launch
- o Yes
- o No

Answer – No

Quest 121. Does Route 53 support MX Records?

- o Yes
- o It supports CNAME records, but not MX records.
- o No
- o Only Primary MX records, Secondary MX records are not supported.

Answer – Yes

Quest 122.   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.

- o   None of these
- o   Amazon Instance Storage
- o   Any of these
- o   Amazon EBS

Answer – Amazon EBS

Quest 123.   Select the correct set of steps for exposing the snapshot only to specific AWS accounts.

- o   Select public for all the accounts and check mark those accounts ith whom you want to expose the snapshots and click save.
- o   Select Private, enter the IDs of those AWS accounts and click Save.
- o   Select Public, enter the IDs of AWS accounts, and Click Save.

Answer – Select Private, enter the IDs of those AWS accounts and click Save.

Quest 123.   Select the correct set of steps for exposing the snapshot only to specific AWS accounts.

- o   Select public for all the accounts and check mark those accounts ith whom you want to expose the snapshots and click save.
- o   Select Private, enter the IDs of those AWS accounts and click Save.
- o   Select Public, enter the IDs of AWS accounts, and Click Save.
- o   Select Public, mark the IDs of AWS accounts as private, and ClickSave.

Answer – Select Private, enter the IDs of those AWS accounts and click Save.

Quest 124.   In the context of MySQL, version numbers are organized as MySQL version = X.Y.Z. What does X denote here.

- o Release Level
- o Minor version
- o Version number
- o Major Version

Answer – Major version

Quest 125.   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.

- o Write Log
- o Read Replica
- o Replica Log
- o Single Replica

Answer – Replica Log

Quest 126.   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?

- o Remain as is
- o Terminate
- o Hibernate
- o Pause

Answer – Terminate

Quest 127.   _____ and _____ to help secure the instances in your VPC.

- o Security groups and multi-factor authentication
- o Security groups and 2-Factor authentication

- Security groups and biometric authentication
- Security groups and Network ACLs

Answer – Security Groups and Network ACLs

Quest 128. Is there any way to own a direct connection to Amazon Web Services?

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

Answer – Yes, it is called Direct Connect

Quest 129. 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?

- Dedicated
- Isolated
- One
- Reserved

Answer – Dedicated