

➤ **Vendor: Amazon**

➤ **Exam Code: AWS Certified Solutions Architect - Associate**

➤ **Exam Name: AWS Certified Solutions Architect - Associate**

➤ **Question 101 – Question 150**

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QUESTION 101

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

Answer: D

QUESTION 102

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

Answer: B

QUESTION 103

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

Answer: B

Explanation:

<http://blogs.aws.amazon.com/security/post/Tx29HCT3ABL7LP3/Resource-level-Permissions-for-EC2-Controlling-Management-Access-on-Specific-Ins>

QUESTION 104

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

Answer: C

Explanation:

If your DB instance is a Multi-AZ deployment, you can force a failover from one availability zone to another when you select the Reboot option. When you force a failover of your DB instance, Amazon RDS automatically switches to a standby replica in another Availability Zone and updates the DNS record for the DB instance to point to the standby DB instance. As a result, you will need to clean up and re-establish any existing connections to your DB instance. Reboot with failover is beneficial when you want to simulate a failure of a DB instance for testing, or restore operations to the original AZ after a failover occurs.

Source: http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_RebootInstance.html

QUESTION 105

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

Answer: A

Explanation:

A group can contain many users, and a user can belong to multiple groups.

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

QUESTION 106

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

Answer: A

Explanation:

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

QUESTION 107

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

Answer: B

Explanation:

<http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/elastic-ip-addresses-eip.html>

Stopping an instance

EC2-Classical

If you stop an instance, its Elastic IP address is disassociated, and you must re-associate the Elastic IP address when you restart the instance.

EC2-VPC

If you stop an instance, its Elastic IP address remains associated.

QUESTION 108

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

- A. TRUE
- B. FALSE

Answer: B

QUESTION 109

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

Answer: A

Explanation:

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

QUESTION 110

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

Answer: C

Explanation:

<https://aws.amazon.com/about-aws/whats-new/2014/05/19/amazon-rds-for-sqlserver-introduces-multi-az-support/>

QUESTION 111

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

Answer: C

QUESTION 112

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.

Answer: A

QUESTION 113

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

- A. No
- B. Yes

Answer: A

Explanation:

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

QUESTION 114

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.

Answer: C

Explanation:

Private MFA does not apply here.

Q. What is AWS MFA?

AWS multi-factor authentication (AWS MFA) provides an extra level of security that you can apply to your AWS environment. You can enable AWS MFA for your AWS account and for individual AWS Identity and Access Management (IAM) users you create under your account.

QUESTION 115

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.

Answer: A

Explanation:

Q: My Amazon RDS for MySQL 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? ... To resolve the current issue, you will need to delete the Read Replica and create a new one to replace it. "

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

QUESTION 116

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

Answer: D

Explanation:

Using Private Hosted Zones

If you want to access the resources in your VPC using custom DNS domain names, such as example.com, instead of using private IP addresses or AWS-provided private DNS hostnames, you can create a private hosted zone in Amazon Route 53. A private hosted zone is a container that holds information about how you want to route traffic for a domain and its subdomains within one or more VPCs without exposing your resources to the Internet. You can then create Amazon Route 53 resource record sets, which determine how Amazon Route 53 responds to queries for your domain and subdomains. For example, if you want browser requests for example.com to be routed to a web server in your VPC, you'll create an A record in your private hosted zone and specify the IP address of that web server. For more information about creating a private hosted zone, see Working with Private Hosted Zones in the Amazon Route 53 Developer Guide.

QUESTION 117

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

Answer: B

Explanation:

<https://aws.amazon.com/ko/premiumsupport/knowledge-center/rds-out-of-storage/>

QUESTION 118

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.

Answer: B

Explanation:

https://aws.amazon.com/ebs/faqs/?nc1=h_ls

Q: Will I be able to access my snapshots using the regular Amazon S3 API?

No, snapshots are only available through the Amazon EC2 API.

QUESTION 119

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

- A. No
- B. Yes

Answer: A

Explanation:

Amazon RDS for SQL Server does not currently support importing data into the msdb database, though we do support SQL Server Agent jobs. Some SQL Server features that use the msdb database, such as Database Mail and Replication, are not currently supported in Amazon RDS.

<http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/SQLServer.Procedural.Importing.html#SQLServer.Procedural.Importing.Procedure>

QUESTION 120

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.

Answer: A

Explanation:

<http://docs.aws.amazon.com/Route53/latest/DeveloperGuide/ResourceRecordTypes.html#MXFormat>

QUESTION 121

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

Answer: A

QUESTION 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?

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

Answer: D

Explanation:

“Amazon EBS is particularly helpful for database-style applications that frequently encounter many random reads and writes across the data set.”

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

QUESTION 123

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.

Answer: B

Explanation:

“To expose the snapshot to only specific AWS accounts, choose Private, enter the ID of the AWS account (without hyphens) in the AWS Account Number field, and choose Add Permission. Repeat until you’ve added all the required AWS accounts.”

<http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ebs-modifying-snapshot-permissions.html>

QUESTION 124

Is decreasing the storage size of a DB Instance permitted?

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

Answer: C

Explanation:

“note that you cannot reduce storage size once it has been allocated”

Source: http://docs.aws.amazon.com/AmazonRDS/latest/UserGuideCHAP_Storage.html#CHAP_Storage.FactsAbout

QUESTION 125

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

Answer: B

QUESTION 126

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

Answer: D

QUESTION 127

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

Answer: C

QUESTION 128

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

Answer: C

Explanation:

The amount of time a Read Replica DB instance lags behind the source DB instance. Applies to MySQL, MariaDB, and PostgreSQL Read Replicas.

<http://docs.aws.amazon.com/AmazonCloudWatch/latest/DeveloperGuide/rds-metricscollected.html>

QUESTION 129

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

Answer: A

Explanation:

<http://docs.aws.amazon.com/cli/latest/reference/rds/list-tags-for-resource.html>

QUESTION 130

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

Answer: B

Explanation:

By default, elastic network interfaces that are automatically created and attached to instances using the console are set to terminate when the instance terminates. However, network interfaces created using the command line interface aren't set to terminate when the instance terminates.

Source:http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/using-eni.html#change_term_behavior

QUESTION 131

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.

Answer: C

QUESTION 132

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

Answer: D

QUESTION 133

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

Answer: B

QUESTION 134

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

Answer: C

QUESTION 135

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

Answer: A

Explanation:

<http://aws.amazon.com/ec2/dedicated-hosts/>

QUESTION 136

What does Amazon RDS stand for?

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

Answer: B

QUESTION 137

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

Answer: D

QUESTION 138

What does Amazon ELB stand for?

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

Answer: D

QUESTION 139

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.

Answer: C

QUESTION 140

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

Answer: C

Explanation:

Currently you can request to increase the limit on users per AWS account, groups per AWS account, roles per AWS account, instance profiles per AWS account, and server certificates per AWS account.

http://docs.aws.amazon.com/IAM/latest/UserGuide/reference_iam-limits.html

QUESTION 141

Location of Instances are ____.

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

Answer: B

Explanation:

Regions and Availability Zones

Amazon EC2 is hosted in multiple locations world-wide. These locations are composed of regions and Availability Zones. Each region is a separate geographic area. Each region has multiple, isolated locations known as Availability Zones. Amazon EC2 provides you the ability to place resources, such as instances, and data in multiple locations. Resources aren't replicated across regions unless you do so specifically.

<http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/using-regions-availability-zones.html#concepts-regions-availability-zones>

QUESTION 142

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.

Answer: D

QUESTION 143

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

Answer: B

QUESTION 144

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

Answer: C

Explanation:

Q: Does DynamoDB support in-place atomic updates?

Amazon DynamoDB supports fast in-place updates. You can increment or decrement a numeric attribute in a row using a single API call. Similarly, you can atomically add or remove to sets, lists, or maps.

<https://aws.amazon.com/dynamodb/faqs/>

QUESTION 145

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

Answer: B

Explanation:

http://docs.aws.amazon.com/IAM/latest/UserGuide/reference_policies_evaluation-logic.html#policy-eval-denyallow

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

- An explicit allow overrides this default.

- An explicit deny overrides any allows.

QUESTION 146

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

Answer: A

QUESTION 147

What does Amazon SES stand for?

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

Answer: B

Explanation:

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

QUESTION 148

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

Answer: B

Explanation:

Amazon S3 doesn't automatically give a user who creates a bucket or object permission to perform other actions on that bucket or object. Therefore, in your IAM policies, you must explicitly give users permission to use the Amazon S3 resources they create.

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

QUESTION 149

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

Answer: C

QUESTION 150

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

Answer: B

Explanation:

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 Error node in the response from the Amazon RDS API.

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

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