➢ **Vendor: Amazon**

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

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

➢ **Question 151 – Question 200**

Visit PassLeader and Download Full Version AWS-Associate Exam Dumps

QUESTION 151
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

Answer: B
Explanation:
Each instance in a VPC has a default elastic network interface (the primary network interface, eth0) that is assigned a private IP address from the IP address range of your VPC. You cannot detach a primary network interface from an instance.

QUESTION 152
What's an ECU?

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

Answer: B
Explanation:
The EC2 Compute Unit (ECU) provides the relative measure of the integer processing power of an Amazon EC2 instance.
https://aws.amazon.com/ec2/faqs/

QUESTION 153
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

Answer: B
Explanation:
http://docs.aws.amazon.com/AWSEC2/latest/APIReference/Query-Requests.html

QUESTION 154
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.

Answer: A
Explanation:
Q: How much do Read Replicas cost? When does billing begin and end?
A Read Replica is billed as a standard DB Instance and at the same rates. Click here for more information on DB Instance billing visit this FAQ. Just like a standard DB Instance, the rate per "DB Instance hour" for a Read Replica is determined by the DB Instance class of the Read Replica – please see Amazon RDS detail page for up-to-date pricing. You are not charged for the data transfer incurred in replicating data between your source DB Instance and Read Replica. Billing for a Read Replica begins as soon as the Read Replica has been successfully created (i.e. when status is listed as "active"). The Read Replica will continue being billed at standard Amazon RDS DB Instance hour rates until you issue a command to delete it.

QUESTION 155
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

Answer: C

QUESTION 156
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.

Answer: C
Explanation:
https://docs.aws.amazon.com/AmazonS3/latest/dev/UsingServerSideEncryption.html
Server-side encryption is about protecting data at rest. Server-side encryption with Amazon S3-managed encryption keys (SSE-S3) employs strong multi-factor encryption.
Amazon S3 encrypts each object with a unique key. As an additional safeguard, it encrypts the key itself with a master key that it regularly rotates. Amazon S3 server-side encryption uses one of the strongest block ciphers available, 256-bit Advanced Encryption Standard (AES-256), to encrypt your data.

QUESTION 157
What does Amazon EBS stand for?

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

Answer: D
Explanation:
https://aws.amazon.com/ebs/
Amazon Elastic Block Store (EBS)
Amazon Elastic Block Store (Amazon EBS) provides persistent block level storage volumes for use with Amazon EC2 instances in the AWS Cloud. Each Amazon EBS volume is automatically replicated within its Availability Zone to protect you from component failure, offering high availability and durability. Amazon EBS volumes offer the consistent and low-latency performance needed to run your workloads. With Amazon EBS, you can scale your usage up or down within minutes – all while paying a low price for only what you provision.

QUESTION 158
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.

Answer: D
Explanation:
Use groups to assign permissions to IAM users
Instead of defining permissions for individual IAM users, it's usually more convenient to create groups that relate to job functions (administrators, developers, accounting, etc.), define the relevant permissions for each group, and then assign IAM users to those groups. All the users in an IAM group inherit the permissions assigned to the group. That way, you can make changes for everyone in a group in just one place. As people move around in your company, you can simply change what IAM group their IAM user belongs to.
http://docs.aws.amazon.com/IAM/latest/UserGuide/best-practices.html#use-groups-for-permissions

QUESTION 159
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

Answer: D
Explanation:
A permission 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.

QUESTION 160
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.

Answer: B
Explanation:
Security groups are associated with network interfaces. After you launch an instance, you can change the security groups associated with the instance, which changes the security groups associated with the primary network interface (eth0).

QUESTION 161
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

Answer: B
Explanation:
We recommend that you use db.t1.micro instances with Oracle to test setup and connectivity only; the system resources for a db.t1.micro instance do not meet the recommended configuration for Oracle. No Oracle options are supported on a db.t1.micro instance.
http://docs.aws.amazon.com/AmazonRDS/latest/UserGuideConcepts.DBInstanceClass.html#Concepts.DBInstanceClass.Previous

QUESTION 162
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

Answer: B

QUESTION 163
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

Answer: C

QUESTION 164
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.

Answer: C

QUESTION 165
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

Answer: B
Explanation:
You no need to specify Port or Protocol for DB security group. Only VPC/instance security group only needed.
http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/Overview.RDSSecurityGroups.html

QUESTION 166
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

Answer: A
Explanation:
http://aws.amazon.com/rds/faqs/#46

QUESTION 167
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

Answer: A
Explanation:
https://aws.amazon.com/public-data-sets/

QUESTION 168
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

Answer: D

QUESTION 169
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

Answer: C
Explanation:
https://www.pythian.com/blog/a-most-simple-cloud-is-amazon-rds-for-oracle-right-for-you/

QUESTION 170
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

Answer: D

QUESTION 171
Amazon RDS supports SOAP only through ____.

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

Answer: D
Explanation:
Amazon RDS supports SOAP only through HTTPS
http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/using-soap-api.html

QUESTION 172
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

Answer: A
Explanation:
http://docs.aws.amazon.com/AWSECommerceService/latest/DG/WSDLLocation.html

QUESTION 173

Is creating a Read Replica of another Read Replica supported?

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

Answer: B

QUESTION 174
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

Answer: C

QUESTION 175
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

Answer: A
Explanation:
http://docs.aws.amazon.com/AmazonS3/latest/dev/using-with-s3-actions.html

QUESTION 176
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.

Answer: D

QUESTION 177
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

Answer: C
Explanation:
https://aws.amazon.com/blogs/aws/amazon-rds-sql-server-ssl-support/

QUESTION 178
____ 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

Answer: A
Explanation:
Sharing embodies the "share-nothing" architecture and essentially just involves breaking a larger database up into smaller databases. Common ways to split a database are:
Splitting tables that are not joined in the same query onto different hosts.
Duplicating a table across multiple hosts and then splitting where a row goes.
More detailed information on the pros and cons of sharing can be found at the following sites:
http://technoroy.blogspot.com/2008/07/shard-database-design.html
http://www.hibernate.org/subprojects/shards.html
How Amazon RDS Helps With Sharing Maintenance Overhead

QUESTION 179
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

Answer: A
Explanation:
https://aws.amazon.com/oracle/

QUESTION 180
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

Answer: D
Explanation:
http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/Overview.DBInstance.Modifying.html

QUESTION 181
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.

Answer: D
Explanation:
https://aws.amazon.com/route53/faqs/

QUESTION 182
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

Answer: A
Explanation:
The SQL Server bulk copy feature is an efficient means of copying data from a source database to your DB Instance. Bulk copy writes the data that you specify to a data file, such as an ASCII file. You can then run bulk copy again to write the contents of the file to the destination DB Instance.
http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/SQLServer.Procedural.Importing.html

QUESTION 183
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.

Answer: A
Explanation:
You sign up for Consolidated Billing in the AWS Billing and Cost Management console, and designate your account as a payer account. Now your account can pay the charges of the other accounts, which are called linked accounts. The payer account and the accounts linked to it are called a Consolidated Billing account family.
Source: http://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/consolidated-billing.html

QUESTION 184
A ____ is a document that provides a formal statement of one or more permissions.

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

Answer: A
Explanation:
http://docs.aws.amazon.com/IAM/latest/UserGuide/access_policies.html

QUESTION 185
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

Answer: A
Explanation:
The maximum storage size for a Microsoft SQL Server DB Instance is 4 TB for all instances except the SQL Server Express edition, which limits storage to a total of 300 GB. The minimum storage size for a Microsoft SQL Server DB Instance is 20 GB for the Microsoft SQL Server Express and Web Editions and 200 GB for the Standard and Enterprise Editions.
http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP_SQLServer.html

QUESTION 186
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.

Answer: A

Explanation:
Best Practices for Configuring Elastic Network Interfaces
You can attach an elastic network interface to an instance when it's running (hot attach), when it's stopped (warm attach), or when the instance is being launched (cold attach).
http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/using-eni.html#best-practices-for-configuring-network-interfaces

QUESTION 187
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

Answer: B
Explanation:
https://aws.amazon.com/ebs/pricing/

QUESTION 188
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

Answer: B
Explanation:
http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_WorkingWithAutomatedBackups.html

QUESTION 189
A Provisioned IOPS volume must be at least _____ GB in size.

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

Answer: D
Explanation:
https://aws.amazon.com/ebs/details/

QUESTION 190
Will I be alerted when automatic failover occurs?

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

Answer: A
Explanation:
http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_Events.html#USER_Events.Messages
We only get alert on failover if we configure the SNS Notification.

QUESTION 191
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-voiume command to move it to another AZ.

Free VCE and PDF Exam Dumps from PassLeader

Answer: C
Explanation:
While EBS volumes are locked to the Availability Zone in which they reside, snapshots are available throughout their region of residence).

QUESTION 192
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.

Answer: D
Explanation:
In a VPC everything is allowed out by default.

QUESTION 193
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

Answer: C
Explanation:
http://docs.aws.amazon.com/ElasticLoadBalancing/latest/DeveloperGuide/enable-disable-crosszone-lb.html

QUESTION 194
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.

Answer: DE

QUESTION 195
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

Answer: A
Explanation:
http://docs.aws.amazon.com/workspaces/latest/adminguide/gsg_create_vpc.html

QUESTION 196
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

Answer: C

QUESTION 197
You nave 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

Answer: BDF
Explanation:
Enhanced Networking enables you to get significantly higher packet per second (PPS) performance, lower network jitter and lower latencies. This feature uses a new network virtualization stack that provides higher I/O performance and lower CPU utilization compared to traditional implementations. In order to take advantage of Enhanced Networking, you should launch an HVM AMI in VPC, and install the appropriate driver. For instructions on how to enable Enhanced Networking on EC2 instances, see the Enhanced Networking on Linux and Enhanced Networking on Windows tutorials. For availability of this feature by instance, or to learn more, visit the Enhanced Networking FAQ section.

QUESTION 198
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)

Answer: BC

QUESTION 199
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

Answer: B
Explanation:
http://aws.amazon.com/ec2/purchasing-options/spot-instances/

QUESTION 200

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.

Answer: A
Explanation:
http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/using-network-security.html#vpc-security-groups

Visit PassLeader and Download Full Version AWS-Associate Exam Dumps