1. Q.What does Amazon S3 stand for?  
   A.Simple Storage Service.
2. Q:You must assign each server to at least \_\_\_\_\_ security group  
   A:1

1. Q:Before I delete an EBS volume, what can I do if I want to recreate the volume later?  
   A:Store a snapshot of the volume   
   http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ebs-deleting-volume.html
2. Q:Select the most correct answer: The device name /dev/sda1 (within Amazon EC2 ) is \_\_\_\_\_  
   A:Reserved for the root device
3. Q:If I want an instance to have a public IP address, which IP address should I use?  
   A:Elastic IP Address  
   http://aws.amazon.com/articles/1346
4. Q:What does RRS stand for when talking about S3?  
   A:Reduced Redundancy Storage   
   http://aws.typepad.com/aws/2010/05/new-amazon-s3-reduced-redundancy-storage-rrs.html
5. Q: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:Private IP address
6. Q:What does Amazon SWF stand for?  
   A:Simple Work Flow
7. A:What is the Reduced Redundancy option in Amazon S3?  
   Q:Less redundancy for a lower cost.
8. Q:Fill in the blanks: Resources that are created in AWS are identified by a unique identifier called an \_  
   A:Amazon Resource Name  
   http://docs.aws.amazon.com/general/latest/gr/aws-arns-and-namespaces.html
9. Q:If I write the below command, what does it do? ec2-run ami-e3a5408a -n 20 -g appserver  
   A:Start twenty instances as members ofappservergroup.  
   http://docs.aws.amazon.com/AWSEC2/latest/CommandLineReference/ApiReference-cmd-RunInstances.html
10. Q: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 Group   
    http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/Overview.RDSSecurityGroups.html
11. Q:When you run a DB Instance as a Multi-AZ deployment, the "\_\_\_\_\_" serves database writes and reads  
    A:primary
12. Q:Every user you create in the IAM system starts with \_\_\_\_\_\_.  
    A:no permissions
13. Q:Can you create IAM security credentials for existing users?  
    A:Yes, existing users can have security credentials associated with their account. -
14. Q:What does Amazon EC2 provide?  
    A:Virtual servers in the Cloud.
15. Q:Amazon SWF is designed to help users...  
    A:Coordinate synchronous and asynchronous tasks which are distributed and fault tolerant.
16. Can I control if and when MySQL based RDS Instance is upgraded to new supported versions?  
    A:Yes
17. Q: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: Yes
18. Q:When you view the block device mapping for your instance, you can see only the EBS volumes, not the instance store volumes.  
    A:TRUE
19. Q: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 behaviour by changing the value of the flag\_\_\_\_\_ to false when you launch the instance  
    A:DeleteOnTermination
20. Q:What are the initial settings of an user created security group?  
    A:Allow no inbound traffic and Allow all outbound traffic
21. Q:Will my standby RDS instance be in the same Region as my primary?  
    A: Yes
22. Q:What does Amazon Elastic Beanstalk provide?  
    A:An application container on top of Amazon Web Services.
23. Q: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
24. Q:What will be the status of the snapshot until the snapshot is complete.  
    A: pending
25. Q:Can we attach an EBS volume to more than one EC2 instance at the same time?  
    A:No
26. Q:True or False: Automated backups are enabled by default for a new DB Instance.  
    A:TRUE
27. Q:What does the AWS Storage Gateway provide?  
    A:It allows to integrate on-premises IT environments with Cloud Storage. -
28. Q:Amazon RDS automated backups and DB Snapshots are currently supported for only the \_\_\_\_\_\_ storage engine  
    A:InnoDB
29. Q:How many relational database engines does RDS currently support?  
    A:Three: MySQL, Oracle and Microsoft SQL Server.
30. Q:Fill in the blanks: The base URI for all requests for instance metadata is \_\_\_\_\_  
    A:http://169.254.169.254/latest/  
    http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/AESDG-chapter-instancedata.html
31. Q:While creating the snapshots using the the command line tools, which command should I be using?  
    A: ec2-create-snapshot   
    http://docs.aws.amazon.com/AWSEC2/latest/CommandLineReference/ApiReference-cmd-CreateSnapshot.html
32. Q: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:Error
33. Q:What are the two permission types used by AWS?  
    A:User-based and Resource-based
34. Q:In the Amazon cloudwatch, which metric should I be checking to ensure that your DB Instance has enough free storage space?  
    A:FreeStorageSpace
35. Q:Amazon RDS DB snapshots and automated backups are stored in  
    A:Amazon S3
36. Q:What is the maximum key length of a tag?  
    A: 128 Unicode characters  
    http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/Using\_Tags.html
37. Q:Groups can't \_\_\_\_\_.  
    A:be nested at all
38. Q:You must increase storage size in increments of at least \_\_\_\_\_ %  
    A:10 --
39. Q:Changes to the backup window take effect \_\_\_\_\_\_.  
    A:mmediately
40. Q:Using Amazon CloudWatch's Free Tier, what is the frequency of metric updates which you receive?  
    A:5 minutes
41. Q:Which is the default region in AWS?  
    A:us-east-1
42. Q:What are the Amazon EC2 API tools?  
    A:Command-line tools to the Amazon EC2 web service.
43. Q:What are the two types of licensing options available for using Amazon RDS for Oracle?  
    A:BYOL and License Included

BYOL: Under this model, you will continue to use your active Oracle support account and contact Oracle directly for Oracle Database specific service requests. If you have an active AWS Premium Support account, you can contact AWS Premium Support for Amazon RDS specific issues. Amazon Web Services and Oracle have multi-vendor support process for cases which require assistance from both organizations.

License Included: In this model, if you have an active AWS Premium Support account, you should contact AWS Premium Support for both Amazon RDS and Oracle Database specific service requests.

1. Q:What does a "Domain" refer to in Amazon SWF?  
   A: A collection of related Workflows
2. Q:EBS Snapshots occur \_\_\_\_\_  
   A:Asynchronously
3. Q:Disabling automated backups \_\_\_\_\_\_ disable the point-in-time recovery.  
   A:will
4. Q: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 1+0 (RAID 10)
5. Q: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:Error
6. Q:Is creating a Read Replica of another Read Replica supported?  
   A:No
7. Q:Can Amazon S3 uploads resume on failure or do they need to restart?  
   A:Resume on failure  
   http://docs.aws.amazon.com/AmazonS3/latest/dev/uploadobjusingmpu.html
8. Q:Which of the following cannot be used in Amazon EC2 to control who has access to specific Amazon EC2 instances?  
   Q:IAM System
9. Q:Fill in the blanks : \_\_\_\_\_ let you categorise your EC2 resources in different ways, for example, by purpose, owner, or environment.  
   A:Tags
10. Q: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
11. Q:What is the maximum write throughput I can provision for a single DynamoDB table?  
    A:DynamoDB is designed to scale without limits, but if you go beyond 10,000 you have to contact AWS first.
12. Q:What does the following command do with respect to the Amazon EC2 security groups?  
    ec2-revoke RevokeSecurityGroupIngress  
    A:Removes one or more rules from a security group.  
    http://docs.aws.amazon.com/AWSEC2/latest/APIReference/ApiReference-query-RevokeSecurityGroupIngress.html
13. Q;Can a 'user' be associated with multiple AWS accounts?  
    A:No  
    AWS Identity and Access Management. Create **multiple Users** and manage the permissions for each of these **Users** within your **AWS Account**.
14. Q:True or False: Manually created DB Snapshots are deleted after the DB Instance is deleted.  
    A:TRUE
15. Q:Can I move a Reserved Instance from one Region to another?  
    A:No
16. Q:What is Amazon Glacier?   
    A:A low-cost storage service that provides secure and durable storage for data archiving and backup.
17. What is the durability of S3 RRS?  
    A:99.99%
18. Q:What does specifying the mapping /dev/sdc=none when launching an instance do?   
    A:Prevents /dev/sdc from attaching to the instance.
19. Q:Is Federated Storage Engine currently supported by Amazon RDS for MySQL?  
    A:No
20. Q:Is there a limit to how many groups a user can be in?  
    A:Yes for all users
21. Q: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:TRUE
22. A/An \_\_\_\_\_ acts as a firewall that controls the traffic allowed to reach one or more instances.   
    A:security group
23. Will my standby RDS instance be in the same Availability Zone as my primary?  
    A: No
24. Q:While launching an RDS DB instance, on which page I can select the Availability Zone?  
    A:ADDITIONAL CONFIGURATION
25. Q:What does the following command do with respect to the Amazon EC2 security groups?   
    ec2-create-group CreateSecurityGroup  
    A:Creates a new security group for use with your account.
26. Q:In the Launch Db Instance Wizard, where can I select the backup and maintenance options?  
    A:Under MANAGEMENT OPTIONS
27. Q:What happens to the data on an instance if the instance reboots (intentionally or unintentionally)?   
    A: Data persists
28. Q:How many types of block devices does Amazon EC2 support  
    A:2
29. Q:Provisioned IOPS Costs: you are charged for the IOPS and storage whether or not you use them in a given month. True or False?  
    A:TRUE
30. Q: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,exceptyour AWS account information  
    A: Administrator Access
31. Q:Can Amazon S3 uploads resume on failure or do they need to restart?   
    A: Resume on failure
32. Q: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
33. Q: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: Deny
34. Q: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:Ec2Config Service
35. Q:For each DB Instance class, what is the maximum size of associated storage capacity?   
    A :1TB
36. Q:SQL Server \_\_\_\_\_ store logins and passwords in the master database.    
    A:does
37. Q:What is Oracle SQL Developer?  
    A:A graphical Java tool distributed without cost by Oracle.
38. Q:Does Amazon RDS allow direct host access via Telnet, Secure Shell (SSH), or Windows Remote Desktop Connection?  
    A :No
39. Q: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:Volumes
40. Q:You must increase storage size in increments of at least \_\_\_\_\_ %    
    A:10
41. Q:Using Amazon IAM, can I give permission based on organizational groups?  c  
    A : Yes always
42. Q:Provisioned IOPS Costs: you are charged for the IOPS and storage whether or not you use them in a given month. True or False?  
    A:TRUE
43. Q:What is an isolated database environment running in the cloud (Amazon RDS) called?  
    A:DB Instance
44. Q:While signing in REST/ Query requests, for additional security, you should transmit your requests using Secure Sockets Layer (SSL) by using \_\_\_\_\_  
    A :HTTPS
45. Q: 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.
46. Q:Read Replicas require a transactional storage engine and are only supported for the \_\_\_\_\_ storage engine A:InnoDB
47. Q:When running my DB Instance as a Multi-AZ deployment, can I use the standby for read or write operations?    
    A:No  
      
    Q:When should I choose Provisioned IOPS over Standard RDS storage?    
    A: If you use production online transaction processing (OLTP) workloads.  
      
    Q:What is the maximum write throughput I can provision for a single DynamoDB table?   
    A:DynamoDB is designed to scale without limits, but if you go beyond 10,000 you have to contact AWS first.  
      
    Q:In the 'Detailed' monitoring data available for your Amazon EBS volumes, Provisioned IOPS volumes automatically send \_\_\_\_\_ minute metrics to Amazon CloudWatch.   
    A :1  
      
    Q: What is the minimum charge for the data transferred between Amazon RDS and Amazon EC2 Instances in the same Availability Zone?   
    A:No charge. It is free.  
      
    Q:Are Reserved Instances available for Multi-AZ Deployments?  
    A:Yes.   
    When you call the DescribeReservedDBInstancesOfferings API, simply look for the Multi-AZ options listed among the DB Instance configurations available for purchase. If you want to purchase a reservation for a DB Instance with synchronous replication across multiple Availability Zones, specify one of these offerings in your PurchaseReservedDBInstancesOffering call.  
      
    Q:Which service enables AWS customers to manage users and permissions in AWS?  
    A:AWS Identity and Access Management (IAM)  
      
    Q:Which Amazon Storage behaves like raw, unformatted, external block devices that you can attach to your instances?  
    A:Amazon EBS  
      
    Q:Which Amazon service can I use to define a virtual network that closely resembles a traditional data centre?  
    A Amazon VPC  
      
    Q:Fill in the blanks : \_\_\_\_\_ let you categorise your EC2 resources in different ways, for example, by purpose, owner, or environment.  
    A:Tags  
      
    Q:What is the command line instruction for running the remote desktop client in Windows?  
    A:mstsc  
      
    Q:Amazon RDS automated backups and DB Snapshots are currently supported for only the \_\_\_\_\_\_ storage engine  
    A:InnoDB  
      
    Q:MySQL installations default to port \_\_\_\_\_.  
    A:3306  
      
    Q: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:CNAME  
      
    Q: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:Yes  
      
    Q:If I want to run a database in an Amazon instance, which is the most recommended Amazon storage option?  
    A:Amazon EBS  
      
    Q:In regards to IAM you can edit user properties later, but you cannot use the console to change the \_\_\_\_\_.  
    A:user name  
      
    Q:Can I test my DB Instance against a new version before upgrading?  
    A:Yes  
      
    Q: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:TRUE  
      
    Q: Can I use Provisioned IOPS with VPC?  
    A:Yes for all RDS instances  
      
    Q:Making your snapshot public shares all snapshot data with everyone. Can the snapshots with AWS Marketplace product codes be made public?  
    A:No  
      
    Q:Fill in the blanks: "To ensure failover capabilities, consider using a \_\_\_\_\_ for incoming traffic on a network interface".  
    A:secondary private IP  
      
    Q: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  
      
    Q:What does Amazon CloudFormation provide?  
    A:A template resource creation for Amazon Web Services.  
      
    Q:Can I encrypt connections between my application and my DB Instance using SSL?  
    A: Yes  
      
    Q: What are the four levels of AWS Premium Support?  
    A:Basic, Developer, Business, Enterprise  
      
    Q: What can I access by visiting the URL: http://status.aws.amazon.com/ ?  
    A:AWS Service Health Dashboard  
      
    Q:Please select the Amazon EC2 resource which cannot be tagged.  
    A:Elastic IP addresses  
      
    Q: Can the string value of 'Key' be prefixed with :aws:"?  
    A:No  
      
    Q: 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  
      
    Q: 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:All of the above  
      
    Q: Select the incorrect statement  
    A In Amazon EC2, thie private IP addressis 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  
      
    Q: How are the EBS snapshots saved on Amazon S3?  
    A:Incrementally  
      
    Q: 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  
      
    Q: The new DB Instance that is created when you promote a Read Replica retains the backup window period.  
    A:TRUE  
      
    Q: What happens when you create a topic on Amazon SNS?  
    A :An ARN (Amazon Resource Name) is created.  
      
    Q: Can I delete a snapshot of the root device of an EBS volume used by a registered AMI?  
    A:Yes  
      
    Q: Can I test my DB Instance against a new version before upgrading?  
    A:Yes  
      
    Q: What is the maximum response time for a Business level Premium Support case?  
    A:1 hour  
      
    Q: The \_\_\_\_\_ service is targeted at organisations with multiple users or systems that use AWS products such as Amazon EC2, Amazon SimpleDB, and the AWS Management Console.  
    A:AWS Identity and Access Management  
      
    Q: 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:TRUE  
      
      
    Q: 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. True or False?  
    A:TRUE  
      
      
    Q: 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:DescribeEvents  
      
    Q: What is the default maximum number of MFA devices in use per AWS account (at the root account level)?  
    A:1  
      
    Q: Is there a limit to how many groups a user can be in?  
    A:Yes for all users except root  
      
    Q:Do the Amazon EBS volumes persist independently from the running life of an Amazon EC2 instance?  
    A:Yes  
      
    Q:Can we attach an EBS volume to more than one EC2 instance at the same time?  
    A:No  
      
    Q: 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  
      
    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.  
      
    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.  
      
    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**  
      
    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.**  
      
    The one-time payment for Reserved Instances is \_\_\_\_\_ refundable if the reservation is cancelled.  
    A always  
    B in some circumstances  
    **C never**  
      
    Please select the Amazon EC2 resource which can be tagged.  
    A key pairs  
    B Elastic IP addresses  
    C placement groups  
    **D Amazon EBS snapshots**  
      
    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.  
      
    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  
      
    http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ebs-detaching-volume.html  
      
      
    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**  
    http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER\_PIOPS.html  
      
    Every user you create in the IAM system starts with \_\_\_\_\_\_.  
    A full permissions  
    **B no permissions**  
    C partial permissions  
      
    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  
      
    A\_\_\_\_\_\_- is an individual, system, or application that interacts with AWS programmatically.  
    **A user**  
    B AWS Account  
    C Group  
    D Role  
      
    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  
      
    Amazon EC2 has no Amazon Resource Names (ARNs) because you can't specify a particular Amazon EC2 resource in an IAM policy. True or False?  
    **A TRUE**  
    B FALSE  
      
    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  
      
    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  
      
    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

PROMPT> mysql -h myinstance.mydnsnameexample.rds.amazonaws.com --ssl\_ca=cert-rds-ssl-ca.pem

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**  
  
True or False: Common points of failures like generators and cooling equipment are shared across Availability Zones.  
A TRUE  
**B FALSE**  
  
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  
  
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  
  
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**  
Does AWS allow for the use of Multi Factor Authentication tokens?  
**A Yes, with both hardware or virtual MFA devices.**  
B Yes, but it offers only virtual MFA devices.  
C Yes, but it offers only physical (hardware) MFA devices.  
D No.  
  
What does Amazon SWF stand for?  
A Simple Wireless Forms  
B Simple Web Form  
**C Simple Work Flow**  
D Simple Web Flow  
  
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.  
  
Is the SQL Server Audit feature supported in the Amazon RDS SQL Server engine?  
**A No**  
B Yes  
  
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.  
  
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.  
  
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  
  
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  
  
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.  
  
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**  
  
Does Amazon RDS for SQL Server currently support importing data into the msdb database?  
**A No**  
B Yes  
  
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.  
  
The AWS Management Console now includes complete support for Amazon Route 53. You can now create your hosted zones and set up the appropriate records (A, CNAME, MX, and so forth) in a convenient visual environment.  
http://aws.typepad.com/aws/route-53/  
  
  
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  
  
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  
  
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**  
  
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**  
  
In a management network scenario the which interface on the instance handles public-facing traffic?  
A Primary network interface  
B Subnet interface  
**C Secondary network interface**  
http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/using-eni.html  
  
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 SelectPrivate, enter the IDs of those AWS accounts, and clickSave**  
C SelectPublic, enter the IDs of those AWS accounts, and clickSave.  
D SelectPublic, mark the IDs of those AWS accounts as private, and clickSave.  
  
Is decreasing the storage size of a DB Instance permitted?  
A Depends on the RDMS used  
**B Yes**  
C No  
  
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  
  
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**  
  
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  
http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/monitoring-volume-status.html#using\_cloudwatch\_ebs  
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  
  
Can the string value of 'Key' be prefixed with :aws:"?  
**A No**  
B Only for EC2 not S3  
C Yes  
D Only for S3 not EC2  
  
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  
  
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.**  
  
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**  
  
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  
  
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**  
  
If I want my instance to run on a signle-tenant hardware, which value do I have to set the instance's tenancy attribute to?  
**A dedicated**  
B isolated  
C one  
D reserved  
  
What does Amazon RDS stand for?  
A Regional Data Server.  
**B Relational Database Service.**  
C Nothing.  
D Regional Database Service.  
  
  
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.  
  
EC2-Classic: You can have up to 500 security groups.  
EC2-VPC: You can create up to 100 security groups per VPC.  
  
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**  
  
What does Amazon ELB stand for?  
A Elastic Linux Box.  
B Encrypted Linux Box.  
C Encrypted Load Balancing.  
**D Elastic Load Balancing.**  
  
  
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 template resource creation for Amazon Web Services.**  
  
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**  
  
Location of Instances are \_\_\_\_\_  
A Regional  
**B based on Availability Zone**  
C Global  
  
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.**  
  
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  
  
You must assign each server to at least \_\_\_\_\_ security group  
A 4  
B 3  
**C 1**  
D 2  
  
Does DynamoDB support in-place atomic updates?  
A It is not defined  
B No  
**C Yes**  
D It does support in-place non-atomic updates  
  
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**  
  
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  
  
What does Amazon SES stand for?  
A Simple Elastic Server.  
**B Simple Email Service.**  
C Software Email Solution.  
D Software Enabled Server.  
  
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  
  
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  
  
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**  
  
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  
  
What's an ECU?  
A Extended Cluster User.  
B None of these.  
C Elastic Computer Usage.  
**D Elastic Compute Unit.**  
  
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  
  
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.  
  
How many types of block devices does Amazon EC2 support  
**A 2**  
B 4  
C 3  
D 1  
  
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.  
  
  
What does Amazon EBS stand for?  
**A Elastic Block Storage.**  
B Elastic Business Server.  
C Elastic Blade Server.  
D Elastic Block Store.  
  
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.**  
  
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**  
  
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  
  
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**  
  
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  
  
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 app server  
**B Start twenty instances as members of appserver group.**  
C Start 20 security groups  
D Terminate twenty instances as members of appserver group.  
  
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  
  
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  
  
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.**  
  
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  
  
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  
  
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  
http://docs.aws.amazon.com/general/latest/gr/aws\_service\_limits.html  
  
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**  
  
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  
  
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**  
  
Amazon RDS supports SOAP only through \_\_\_\_\_.  
A HTTP or HTTPS  
B TCP/IP  
C HTTP  
**D HTTPS**  
  
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  
  
Is creating a Read Replica of another Read Replica supported?  
A Only in VPC  
B Yes  
C Only in certain regions  
**D No**

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  
  
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  
  
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.**  
  
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 athttps://rds.amazonaws.com/doc/rds-ssl-ca-cert.pem.  
**A private key**  
B foreign key  
C public key  
D protected key  
  
\_\_\_\_\_ 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  
  
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  
  
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**  
  
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.**  
  
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  
  
In the Amazon cloud watch, 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  
  
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.  
  
A\_\_\_\_\_is a document that provides a formal statement of one or more permissions.  
**A policy**  
B permission  
C Role  
D resource  
  
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  
  
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  
  
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  
  
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  
  
A Provisioned IOPS volume must be at least \_\_\_\_\_ GB in size  
A 1  
B 50  
C 20  
**D 10**  
  
Will I be alerted when automatic failover occurs?  
A Only if SNS configured  
B No  
**C Yes-**  
D Only if Cloud watch configured