**1) When a Simple Queue Service message triggers a task that takes 5 minutes to complete, which process below will result in successful processing of the message and remove it from the queue while minimizing the chances of duplicate processing?**

A. Retrieve the message with an increased visibility timeout, process the message, delete the message from the queue

B. Retrieve the message with an increased visibility timeout, delete the message from the queue, process the message

C. Retrieve the message with increased Delay Seconds, process the message, delete the message from the queue

D. Retrieve the message with increased Delay Seconds, delete the message from the queue, process the message

**2) Which EC2 API call would you use to retrieve a list of Amazon Machine Images (AMIs)?**

A. DescnbeInstances

B. DescribeAMls

C. Describe Images

D. GetAMls

E. You cannot retrieve a list of AMIs as there are over 10,000 AMIs

**3) Which of the following platforms are supported by Elastic Beanstalk? Choose 2 answers.**

A. Apache Tomcat

B. .NET

C. IBM WebSphere

D. Oracle JBoss

E. Jetty

**4) EC2 instances are launched from Amazon Machine images (AMIS). A given public AMI can:**

A. be used to launch EC2 Instances in any AWS region.

B. only be used to launch EC2 instances in the same country as the AMI is stored.

C. only be used to launch EC2 instances in the same AWS region as the AMI is stored.

D. only be used to launch EC2 instances in the same AWS availability zone as the AMI is stored.

**5) An application stores payroll information nightly in DynamoDB for a large number of employees across hundreds of offices. Item attributes consist of individual name, office identifier, and cumulative daily hours. Managers run reports for ranges of names working in their office. One query is. “Return all Items in this office for names starting with A through E”. Which table configuration will result in the lowest impact on provisioned throughput for this query?**

A. Configure the table to have a hash index on the name attribute, and a range index on the office identifier

B. Configure the table to have a range index on the name attribute, and a hash index on the office identifier

C. Configure a hash index on the name attribute and no range index

D. Configure a hash index on the office Identifier attribute and no range index

**6) Which of the following are valid arguments for an SNS Publish request? Choose 3 answers.**

A.  
TopicAm

B.  
Subject

C.  
Destination

D.  
Format

E.  
Message

F.  
Language

**7) What item operation allows the retrieval of multiple items from a DynamoDB table in a single API call?**

A. GetItem

B. BatchGetItem

C. GetMultipleItems

D. GetItemRange

**8) Company C is currently hosting their corporate site in an Amazon S3 bucket with Static Website Hosting enabled. Currently, when visitors go to http://www.companyc.com the index.html page is returned. Company C now would like a new page welcome.html to be returned when a visitor enters http://www.companyc.com in the browser. Which of the following steps will allow Company C to meet this requirement? Choose 2 answers.**

A. Upload an html page named welcome.html to their S3 bucket

B.  
Create a welcome subfolder in their S3 bucket

C. Set the Index Document property to welcome.html

D. Move the index.html page to a welcome subfolder

E. Set the Error Document property to welcome.html

**9) Which one of the following operations is NOT a DynamoDB operation?**

A. BatchWriteItem

B. DescribeTable

C. BatchGetItem

D. BatchDeleteItem

**10) A user is planning to make a mobile game which can be played online or offline and will be hosted on EC2. The user wants to ensure that if someone breaks the highest score or they achieve some milestone they can inform all their colleagues through email. Which of the below mentioned AWS services helps achieve this goal?**

A. AWS Simple Workflow Service.

B. AWS Simple Queue Service.

C. Amazon Cognito.

D. AWS Simple Email Service.

**11) An organization has hosted an application on the EC2 instances. There will be multiple users connecting to the instance for setup and configuration of application. The organization is planning to implement certain security best practices. Which of the below mentioned pointers will not help the organization achieve better security arrangement?**

A. Apply the latest patch of OS and always keep it updated.

B. Allow only IAM users to connect with the EC2 instances with their own secret access key.

C. Disable the password based login for all the users. All the users should use their own keys to connect with the instance securely.

D. Create a procedure to revoke the access rights of the individual user when they are not required to connect to EC2 instance  anymore for the purpose of application configuration.

**12) Which one of the following statements is NOT an advantage of DyanamoDB being built on Solid State Drives?**

A. serve high-scale request workloads

B. low request pricing

C. high I/O performance of WebApp on EC2 instance

D. low-latency response times

**13) In regard to DynamoDB, which of the following statements is correct?**

A. An Item should have at least two value sets, a primary key and another attribute.

B. An Item can have more than one attributes.

C. A primary key should be single-valued.

D. An attribute can have one or several other attributes.

**14) How long can you keep your Amazon SQS messages in Amazon SQS queues?**

A.  
From 120 secs up to 4 weeks

B.  
From 10 secs up to 7 days

C.  
From 60 secs up to 2 weeks

D.  
From 30 secs up to 1 week

**15) An organization has 500 employees. The organization wants to set up AWS access for each department. Which of the below mentioned options is a possible solution?**

A.  
Create IAM roles based on the permission and assign users to each role

B.  
Create IAM users and provide individual permission to each

C.  
Create IAM groups based on the permission and assign IAM users to the groups

D.  
It is not possible to manage more than 100 IAM users with AWS

**16) A user has launched five instances with ELB. How can the user add the sixth EC2 instance to ELB?**

A.  
The user can add the sixth instance on the fly.

B.  
The user must stop the ELB and add the sixth instance.

C.  
The user can add the instance and change the ELB config file.

D.  
The ELB can only have a maximum of five instances.

**17) AWS Elastic Load Balancer supports SSL termination.**

A.  
True. For specific availability zones only

B.  
False

C.  
True. For specific regions only

D.  
True. For all regions

**18) You have been doing a lot of testing of your VPC Network by deliberately failing EC2 instances to test whether instances are failing over properly. Your customer who will be paying the AWS bill for all this asks you if he being charged for all these instances. You try to explain to him how the billing works on EC2 instances to the best of your knowledge. What  
would be an appropriate response to give to the customer in regards to this?**

A.  
Billing commences when Amazon EC2 AMI instance is completely up and billing ends as soon as the instance starts to shutdown.

B.  
Billing commences when Amazon EC2 initiates the boot sequence of an AMI instance and billing ends when the instance shuts down.

C.  
Billing only commences only after 1 hour of uptime and billing ends when the instance terminates.

D.  
Billing commences when Amazon EC2 initiates the boot sequence of an AMI instance and billing ends as soon as the instance starts  to shutdown.

**19) In DynamoDB, if you create a table and request 10 units of write capacity and 200 units of read capacity of provisioned throughput, how much would you be charged in US East (Northern Virginia) Region?**

A.  
$0.05 per hour

B.  
$0.10 per hour

C.  
$0.03 per hour

D.  
$0.15 per hour

**20) A user is running a MySQL RDS instance. The user will not use the DB for the next 3 months. How can the user save costs?**

A.  
Pause the RDS activities from CLI until it is required in the future

B.  
Stop the RDS instance

C.  
Create a snapshot of RDS to launch in the future and terminate the instance now

D.  
Change the instance size to micro

**21) Which of the following statements about SQS is true?**

A.  
Messages will be delivered exactly once and messages will be delivered in First in, First out order

B.  
Messages will be delivered exactly once and message delivery order is indeterminate

C.  
Messages will be delivered one or more times and messages will be delivered in First in, First out order

D.  
Messages will be delivered one or more times and message delivery order is indeterminate

**22) What happens, by default, when one of the resources in a CloudFormation stack cannot be created?**

A.  
Previously-created resources are kept but the stack creation terminates.

B.  
Previously-created resources are deleted and the stack creation terminates.

C.  
The stack creation continues, and the final results indicate which steps failed.

D.  
CloudFormation templates are parsed in advance so stack creation is guaranteed to succeed.

**23) 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.  
Attaching a second Elastic Network interface (ENI) to the NAT instance, and placing it in the private subnet

B.  
Attaching a second Elastic Network Interface (ENI) to the instance in the private subnet, and placing it in the public subnet

C.  
Disabling the Source/Destination Check attribute on the NAT instance

D.  
Attaching an Elastic IP address to the instance in the private subnet

**24) Games-R-Us is launching a new game app for mobile devices. Users will log into the game using their existing Facebook account and the game will record player data and scoring information directly to a DynamoDB table. What is the most secure approach for signing requests to the DynamoDB API?**

A.  
Create an IAM user with access credentials that are distributed with the mobile app to sign the requests

B.  
Distribute the AWS root account access credentials with the mobile app to sign the requests

C.  
Request temporary security credentials using web identity federation to sign the requests

D.  
Establish cross account access between the mobile app and the DynamoDB table to sign the requests

**25) Which of the following is chosen as the default region when making an API call with an AWS SDK?**

A.  
ap-northeast-1

B.  
us-west-2

C.  
us-east-1

D.  
eu-west-1

E.  
us-central-1

**26) Company A has an S3 bucket containing premier content that they intend to make available to only paid subscribers of their website. The S3 bucket currently has default permissions of all objects being private to prevent inadvertent exposure of the premier content to non-paying website visitors. How can Company A provide only paid subscribers the ability todownload a premier content file in the S3 bucket?**

A.  
Apply a bucket policy that grants anonymous users to download the content from the S3 bucket

B.  
Generate a pre-signed object URL for the premier content file when a paid subscriberrequests a download

C.  
Add a bucket policy that requires Multi-Factor Authentication for requests to access the S3 bucket objects

D.  
Enable server side encryption on the S3 bucket for data protection against the non-paying website visitors

**27) You run an ad-supported photo sharing website using S3 to serve photos to visitors of your site. At some point you find out that other sites have been linking to the photos on your site, causing loss to your business. What is an effective method to mitigate this?**

A.  
Store photos on an EBS volume of the web server.

B.  
Remove public read access and use signed URLs with expiry dates.

C.  
Use CloudFront distributions for static content.

D.  
Block the IPs of the offending websites in Security Groups.

**28) If an application is storing hourly log files from thousands of instances from a high traffic web site, which naming scheme would give optimal performance on S3?**

A.  
Sequential

B.  
instanceID\_log-HH-DD-MM-YYYY

C.  
instanceID\_log-YYYY-MM-DD-HH

D.  
HH-DD-MM-YYYY-log\_instanceID

E.  
YYYY-MM-DD-HH-log\_instanceID ( if two options needs to be selected )

**29) You are writing to a DynamoDB table and receive the following exception:” ProvisionedThroughputExceededException”. though according to your Cloudwatch metrics for the table, you are not exceeding your provisioned throughput. What could be an explanation for this?**

A.  
You haven’t provisioned enough DynamoDB storage instances

B.  
You’re exceeding your capacity on a particular Range Key

C.  
You’re exceeding your capacity on a particular Hash Key

D.  
You’re exceeding your capacity on a particular Sort Key

E.  
You haven’t configured DynamoDB Auto Scaling triggers

**30) You attempt to store an object in the US-STANDARD region in Amazon S3, and receive a confirmation that it has been successfully stored. You then immediately make another API call and attempt to read this object. S3 tells you that the object does not exist. What could explain this behavior?**

A.  
US-STANDARD uses eventual consistency and it can take time for an object to be readable in a bucket.

B.  
Objects in Amazon S3 do not become visible until they are replicated to a second region.

C.  
US-STANDARD imposes a 1 second delay before new objects are readable.

D.  
You exceeded the bucket object limit, and once this limit is raised the object will be visible.

**31) A corporate web application is deployed within an Amazon VPC, and is connected to the corporate data center via IPSec VPN. The application must authenticate against the on-premise LDAP server. Once authenticated, logged-in users can only access an S3 keyspace specific to the user. Which two approaches can satisfy the objectives? Choose 2 answers.**

**A.**The application authenticates against LDAP. The application then calls the IAM Security Service to login to IAM using the LDAP credentials. The application can use the IAM temporary credentials to access the appropriate S3 bucket.

B.  
The application authenticates against LDAP, and retrieves the name of an IAM role associated with the user. The application then calls  the IAM Security Token Service to assume that IAM Role. The application can use the temporary credentials to access the appropriate S3 bucket.

C.  
The application authenticates against IAM Security Token Service using the LDAP credentials. The application uses those temporary   
AWS security credentials to access the appropriate S3 bucket.

D.  
Develop an identity broker which authenticates against LDAP, and then calls IAM Security Token Service to get IAM federated user  credentials. The application calls the identity broker to get IAM federated user credentials with access to the appropriate S3 bucket.

E.  
Develop an identity broker which authenticates against IAM Security Token Service to assume an IAM Role to get temporary AWS  security credentials. The application calls the identity broker to get AWS temporary security credentials with access to the appropriate  S3 bucket.

**32) How can software determine the public and private IP addresses of the Amazon EC2 instance that it is running on?**

A.  
Query the appropriate Amazon CloudWatch metric.

B.  
Use ipconfig or ifconfig command.

C.  
Query the local instance userdata.

D.  
Query the local instance metadata.

**33) Which code snippet below returns the URL of a load balanced web site created in CloudFormation with an AWS::ElasticLoadBalancing::LoadBalancer resource name “ElasticLoad Balancer”?**

A.  
“Fn::Join” : [“”. [ “http://”, {“Fn::GetAtr” : [ “ElasticLoadBalancer”,”DNSName”]}]]

B.  
“Fn::Join” : [“”. [ “http://”, {“Fn::GetAtr” : [ “ElasticLoadBalancer”,”Url”]}]]

C.  
“Fn::Join” : [“”. [ “http://”, {“Ref” : “ElasticLoadBalancerUrl”}]]

D.  
“Fn::Join” : [“.”, [ “http://”, {“Ref” : “ElasticLoadBalancerDNSName”}]]

**34) When using a large Scan operation in DynamoDB, what technique can be used to minimize the impact of a scan on a table’s provisioned throughput?**

A.  
Set a smaller page size for the scan

B.  
Use parallel scans

C.  
Define a range index on the table

D.  
Prewarm the table by updating all items

**35) What is the format of structured notification messages sent by Amazon SNS?**

A.  
An XML object containing MessageId, UnsubscribeURL, Subject, Message and other values

B.  
An JSON object containing MessageId, DuplicateFlag, Message and other values

C.  
An XML object containing MessageId, DuplicateFlag, Message and other values

D.  
An JSON object containing MessageId, unsubscribeURL, Subject, Message and other values

**36) What is the maximum number of S3 Buckets available per AWS account?**

A.  
100 per region

B.  
there is no limit

C.  
100 per account

D.  
500 per account

E.  
100 per IAM user

**37) What AWS products and features can be deployed by Elastic Beanstalk? Choose 3 answers.**

A.  
Auto scaling groups

B.  
Route 53 hosted zones

C.  
Elastic Load Balancers

D.  
RDS Instances

E.  
Elastic IP addresses

F.  
SQS Queues

**38) Company B provides an online image recognition service and utilizes SOS to decouple system components for scalability The SQS consumers poll the imaging queue as often as possible to keep end-to-end throughput as high as possible. However, Company B is realizing that polling in tight loops is burning CPU cycles and increasing costs with empty responses. How can Company B reduce the number of empty responses?**

A.  
Set the imaging queue visibility Timeout attribute to 20 seconds

B.  
Set the Imaging queue ReceiveMessageWaitTimeSeconds attribute to 20 seconds

C.  
Set the imaging queue MessageRetentionPeriod attribute to 20 seconds

D.  
Set the DelaySeconds parameter of a message to 20 seconds

**39) Which features can be used to restrict access to data in S3? Choose 2 answers.**

A.  
Use S3 Virtual Hosting.

B.  
Set an S3 Bucket policy.

C.  
Enable IAM Identity Federation.

D.  
Set an S3 ACL on the bucket or the object.

E.  
Create a CloudFront distribution for the bucket.

**40) You are inserting 1000 new items every second in a DynamoDB table. Once an hour these items are analyzed and then are no longer needed. You need to minimize provisioned throughput, storage, and API calls. Given these requirements, what is the most efficient way to manage these Items after the analysis?**

A.  
Retain the items in a single table

B.  
Delete items individually over a 24 hour period

C.  
Delete the table and create a new table per hour

D.  
Create a new table per hour

**41) In DynamoDB, what type of HTTP response codes indicate that a problem was found with the client request sent to the service?**

A.  
5xx HTTP response code

B.  
200 HTTP response code

C.  
306 HTTP response code

D.  
4xx HTTP response code

**42) You are providing AWS consulting services for a company developing a new mobile application that will be leveraging Amazon SNS Mobile Push for push notifications. In order to send direct notification messages to individual devices each device registration identifier or token needs to be registered with SNS; however the developers are not sure of the best way to do this. You advise them to:**

A.  
Bulk upload the device tokens contained in a CSV file via the AWS Management Console.

B.  
Let the push notification service (e.g. Amazon Device Messaging) handle the registration.

C.  
Implement a token vending service to handle the registration.

D.  
Call the CreatePlatformEndPoint API function to register multiple device tokens.

**43) In AWS, which security aspects are the customer’s responsibility? Choose 4 answers.**

A.  
Life-cycle management of IAM credentials

B.  
Decommissioning storage devices

C.  
Security Group and ACL (Access Control List) settings

D.  
Encryption of EBS (Elastic Block Storage) volumes

E.  
Controlling physical access to compute resources

F.  
Patch management on the EC2 instance’s operating system

**44) Which DynamoDB limits can be raised by contacting AWS support? Choose 2 answers.**

A.  
The number of hash keys per account

B.  
The maximum storage used per account

C.  
The number of tables per account

D.  
The number of local secondary indexes per account

E.  
The number of provisioned throughput units per account

**45) When uploading an object, what request header can be explicitly specified in a request to Amazon S3 to encrypt object data when saved on the server side?**

A.  
x-amz-storage-class

B.  
Content-MD5

C.  
x-amz-security-token

D.  
x-amz-server-side-encryption

**46) Which of the following are valid SNS delivery transports? Choose 2 answers.**

A.  
HTTP

B.  
UDP

C.  
SMS

D.  
DynamoDB

E.  
Named Pipes

**47) If a message is retrieved from a queue in Amazon SQS, how long is the message inaccessible to other users by default?**

0 seconds

B.  
1 hour

C.  
1 day

D.  
forever

E.  
30 seconds

**48) You have written an application that uses the Elastic Load Balancing service to spread traffic to several web servers Your users complain that they are sometimes forced to login again in the middle of using your application, after they have already togged in. This is not behavior you have designed. What is a possible solution to prevent this happening?**

A.  
Use instance memory to save session state.

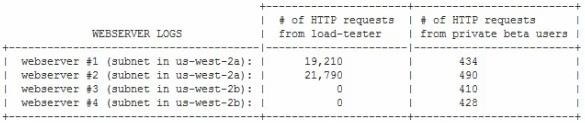
B.  
Use instance storage to save session state.

C.  
Use EBS to save session state.

D.  
Use ElastiCache to save session state.

E.  
Use Glacier to save session slate.

**49) A startup s photo-sharing site is deployed in a VPC. An ELB distributes web traffic across two subnets. ELB session stickiness is configured to use the AWS-generated session cookie, with a session TTL of 5 minutes. The webserver Auto Scaling Group is configured as: min-size=4, max-size=4. The startups preparing for a public launch, by running loadtesting software installed on a single EC2 instance running in us-west-2a. After 60 minutes of load-testing, the webserver  
logs show:**

[](https://cdn.briefmenow.org/wp-content/uploads/aws-cda-v3/1.jpg)

Which recommendations can help ensure load-testing HTTP requests are evenly distributed across the four webservers?  
Choose 2 answers.

A.  
Launch and run the load-tester EC2 instance from us-east-1 instead.

B.  
Re-configure the load-testing software to re-resolve DNS for each web request.

C.  
Use a 3rd-party load-testing service which offers globally-distributed test clients.

D.  
Configure ELB and Auto Scaling to distribute across us-west-2a and us-west-2c.

E.  
Configure ELB session stickiness to use the app-specific session cookie.

**50) A meteorological system monitors 600 temperature gauges, obtaining temperature samples every minute and saving each sample to a DynamoDB table. Each sample involves writing 1K of data and the writes are evenly distributed over time. How much write throughput is required for the target table?**

A.  
1 write capacity unit

B.  
10 write capacity units

C.  
60 write capacity units

D.  
600 write capacity units

E.  
3600 write capacity units

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

A.  
Virtual Private Cloud requires EBS backed instances.

B.  
Amazon EBS-backed instances can be stopped and restarted.

C.  
Auto scaling requires using Amazon EBS-backed instances.

D.  
Instance-store backed instances can be stopped and restarted.

**52) Company D is running their corporate website on Amazon S3 accessed from http//www.companyd.com. Their marketing team has published new web fonts to a separate S3 bucket accessed by the S3 endpoint: https://s3-uswest1.amazonaws.com/cdfonts. While testing the new web fonts, Company D recognized the web fonts are being blocked by the browser. What should Company D do to prevent the web fonts from being blocked by the browser?**

A.  
Enable versioning on the cdfonts bucket for each web font

B.  
Create a policy on the cdfonts bucket to enable access to everyone

C.  
Add the Content-MD5 header to the request for webfonts in the cdfonts bucket from the website

D.  
Configure the cdfonts bucket to allow cross-origin requests by creating a CORS configuration

**53) Company C has recently launched an online commerce site for bicycles on AWS. They have a “Product” DynamoDB table that stores details for each bicycle, such as, manufacturer, color, price, quantity and size to display in the online store. Due to customer demand, they want to include an image for each bicycle along with the existing details. Which approach below provides the least impact to provisioned throughput on the “Product” table?**

A.  
Serialize the image and store it in multiple DynamoDB tables

B.  
Create an “Images” DynamoDB table to store the Image with a foreign key constraint to the “Product” table

C.  
Add an image data type to the “Product” table to store the images in binary format

D.  
Store the images in Amazon S3 and add an S3 URL pointer to the “Product” table item for each image

**54) Which of the following are correct statements with policy evaluation logic in AWS Identity and Access Management?  
Choose 2 answers.**

A.  
By default, all requests are denied

B.  
An explicit allow overrides an explicit deny

C.  
An explicit allow overrides default deny

D.  
An explicit deny does not override an explicit allow

E.  
By default, all request are allowed

**55) Which of the following statements about SWF are true? Choose 3 answers.**

A.  
SWF tasks are assigned once and never duplicated

B.  
SWF requires an S3 bucket for workflow storage

C.  
SWF workflow executions can last up to a year

D.  
SWF triggers SNS notifications on task assignment

E.  
SWF uses deciders and workers to complete tasks

F.  
SWF requires at least 1 EC2 instance per domain

**56) Which of the following is an example of a good DynamoDB hash key schema for provisioned throughput efficiency?**

A.  
User ID, where the application has many different users.

B.  
Status Code where most status codes are the same.

C.  
Device ID, where one is by far more popular than all the others.

D.  
Game Type, where there are three possible game types.

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

A.  
Attach the volume to an instance using EC2’s SSL interface.

B.  
Write the data randomly instead of sequentially.

C.  
Use an encrypted file system on top of the BBS volume.

D.  
Encrypt the volume using the S3 server-side encryption service.

E.  
Create an IAM policy that restricts read and write access to the volume.

**58) You have an environment that consists of a public subnet using Amazon VPC and 3 instances that are running in this subnet. These three instances can successfully communicate with other hosts on the Internet. You launch a fourth instance in the same subnet, using the same AMI and security group configuration you used for the others, but find that this instance cannot be accessed from the Internet. What should you do to enable internet access?**

A.  
Deploy a NAT instance into the public subnet.

B.  
Modify the routing table for the public subnet.

C.  
Configure a publically routable IP Address In the host OS of the fourth instance.

D.  
Assign an Elastic IP address to the fourth instance.

**59) Which statements about DynamoDB are true? Choose 2 answers.**

A.  
DynamoDB uses a pessimistic locking model

B.  
DynamoDB uses optimistic concurrency control

C.  
DynamoDB uses conditional writes for consistency

D.  
DynamoDB restricts item access during reads

E.  
DynamoDB restricts item access during writes

**60) Which of the following programming languages have an officially supported AWS SDK? Choose 2 answers.**

A.  
Perl

B.  
PHP

C.  
Pascal

D.  
Java

E.  
SQL

**61) A user has created an EBS volume with 1000 IOPS. What is the average IOPS that the user will get for most of the year as per EC2 SLA if the instance is attached to the EBS optimized instance?**

A.  
900

B.  
990

C.  
950

D.  
1000

**62) A user is launching an instance with EC2. Which of the below mentioned options does the user need to consider before launching an instance?**

A.  
Select the region where the instance is being launched.

B.  
Select the instance type.

C.  
All the options listed should be considered.

D.  
Select the OS of the AMI.

**63) A user wants to achieve High Availability with PostgreSQL DB. Which of the below mentioned functionalities helps achieve HA?**

A.  
Read Replica

B.  
Multi AZ

C.  
Multi region

D.  
PostgreSQL does not support HA

**64) A bucket owner has allowed another account’s IAM users to upload or access objects in his bucket. The IAM user of Account A is trying to access an object created by the IAM user of account B. What will happen in this scenario?**

A.  
The bucket policy may not be created as S3 will give error due to conflict of Access Rights

B.  
It is not possible to give permission to multiple IAM users

C.  
AWS S3 will verify proper rights given by the owner of Account A, the bucket owner as well as by the IAM user B to the object

D.  
It is not possible that the IAM user of one account accesses objects of the other IAM user

**65) A user is having access to objects of an S3 bucket which is not owned by him. If he is trying to set the objects of that bucket public, which of the below mentioned options may be a right fit for this action?**

A.  
Make the bucket public with full access

B.  
Define the policy for the bucket

C.  
Provide ACL on the object

D.  
Create an IAM user with permission

**66) Does DynamoDB support in-place atomic updates?**

A.  
It is not defined

B.  
Yes

C.  
It does support in-place non-atomic updates

D.  
No

**67) When working with AWS CloudFormation Templates what is the maximum number of stacks that you can create?**

A.  
500

B.  
50

C.  
20

D.  
10

**68) A user has configured a website and launched it using the Apache web server on port 80. The user is using ELB with the EC2 instances for Load Balancing. What should the user do to ensure** **that the EC2 instances accept requests only from ELB?**

A.  
Open the port for an ELB static IP in the EC2 security group

B.  
Configure the security group of EC2, which allows access to the ELB source security group

C.  
Configure the EC2 instance so that it only listens on the ELB port

D.  
Configure the security group of EC2, which allows access only to the ELB listener

**69) To scale up the AWS resources using manual AutoScaling, which of the below mentioned parameters should the user change?**

A.  
Maximum capacity

B.  
Desired capacity

C.  
Preferred capacity

D.  
Current capacity

**70) Regarding Amazon SNS, to send messages to a queue through a topic, you must subscribe the queue to the Amazon SNS topic. You specify the queue by its \_\_\_\_.**

A.  
ARN

B.  
Token

C.  
Registration ID

D.  
URL

**71) A root AWS account owner has created three IAM users: Bob, John and Michael. Michael is the IAM administrator. Bob and John are not the superpower users, but users with some pre-defined policies. John does not have access to modify his password. Thus, he asks Bob to change his password. How can Bob change John’s password?**

A.  
This statement is false. It should be Michael who changes the password for John

B.  
It is not possible that John cannot modify his password

C.  
Provided Bob is the manager of John

D.  
Provided Michael has added Bob to a group, which has permissions to modify the IAM passwords

**72) A user has configured an automated backup between 5 AM to 5:30 AM for the MySQL RDS DB. Will the performance of RDS get frozen momentarily during a backup?**

A.  
No

B.  
Yes, only if the instance size is smaller than large size

C.  
Yes, provided it is a single zone implementation

D.  
Yes, always

**73) An EC2 instance has one additional EBS volume attached to it. How can a user attach the same volume to another running instance in the same AZ?**

A.  
Terminate the first instance and only then attach to the new instance

B.  
Attach the volume as read only to the second instance

C.  
Detach the volume first and attach to new instance

D.  
No need to detach. Just select the volume and attach it to the new instance, it will take care of mapping internally

**74) A user is planning to host data with RDS. Which of the below mentioned databases is not supported by RDS?**

A.  
PostgreSQL

B.  
SQLDB

C.  
Oracle

D.  
MS SQL

**75) What is the maximum size for messages stored in SQS?**

A.  
256KB

B.  
128KB

C.  
1024KB

D.  
64KB

**76) An organization has created 10 IAM users. The organization wants those users to work independently and access AWS. Which of the below mentioned options is not a possible solution?**

A.  
Create the access key and secret access key for each user and provide access to AWS using the console

B.  
Create the X.509 certificate for each user and provide them access to AWS CLI

C.  
Enable MFA for each IAM user and assign them the virtual MFA device to access the console

D.  
Provide each user with the IAM login and password for the AWS console

**77) In regard to DynamoDB, for which one of the following parameters does Amazon not charge you?**

A.  
Cost per provisioned write units

B.  
Cost per provisioned read units

C.  
Storage cost

D.  
I/O usage within the same Region

**78) How can you peek at a message in Amazon SQS?**

A.  
Log the message ID and the receipt handle for your messages and correlate them to confirm when a message has been received and deleted

B.  
Send the message to Amazon S3

C.  
You can’t

D.  
Set up a CloudWatch alarm to auto send you the message

**79) Regarding Amazon SWF, at times you might want to record information in the workflow history of a workflow execution that is specific to your use case. \_\_\_\_ enable you to record information in the workflow execution history that you can use for any custom or scenario-specific purpose.**

A.  
Markers

B.  
Tags

C.  
Hash keys

D.  
Events

**80) An organization has 10 departments. The organization wants to track the AWS usage of each department. Which of the below mentioned options meets the requirement?**

A.  
Setup IAM groups for each department and track their usage

B.  
Create separate accounts for each department, but use consolidated billing for payment and tracking

C.  
Create separate accounts for each department and track them separately

D.  
Setup IAM users for each department and track their usage

**81) A user is uploading archives to Glacier. The user is trying to understand key Glacier resources. Which of the below mentioned options is not a Glacier resource?**

A.  
Notification configuration

B.  
Archive ID

C.  
Job

D.  
Archive

**82) A user is enabling a static website hosting on an S3 bucket. Which of the below mentioned parameters cannot be configured by the user?**

A.  
Error document

B.  
Conditional error on object name

C.  
Index document

D.  
Conditional redirection on object name

**83) A user has enabled automated backup for an RDS instance. What is the longest duration for which the user can retain the automated backup?**

A.  
25 days

B.  
15 days

C.  
45 days

D.  
35 days

**84) PassLeader has three AWS accounts. They have created separate IAM users within each account. PassLeader wants a single IAM console URL such as https://passleader.signin.aws.amazon.com/console/ for all account users. How can this  
be achieved?**

A.  
Merge all the accounts with consolidated billing

B.  
Create the same account alias with each account ID

C.  
It is not possible to have the same IAM account login URL for separate AWS accounts

D.  
Create the S3 bucket with an alias name and use the redirect rule to forward requests to various accounts

**85) Your supervisor has asked you to build a simple file synchronization service for your department. He doesn’t want to spend too much money and he wants to be notified of any changes to files by email. What do you think would be the best Amazon service to use for the email solution?**

A.  
Amazon CloudSearch

B.  
Amazon Elastic Transcoder

C.  
Amazon SES

D.  
Amazon AppStream

**86) A user has hosted a website on AWS and uses ELB to load balance the multiple instances. The user application does not have any cookie management. How can the user bind the session of the requestor with a particular instance?**

A.  
Bind the IP address with a sticky cookie

B.  
Create a cookie at the application level to set at ELB

C.  
Use session synchronization with ELB

D.  
Let ELB generate a cookie for a specified duration

**87) Which of the following device names is reserved for the root device for Linux instances of Amazon EC2?**

A.  
/dev/sda1

B.  
/dev/sd[b-e]

C.  
xvd[a-e]

D.  
/dev/sd[f-p][1-6]

**88) In regards to VPC, select the correct statement:**

A.  
You can associate multiple subnets with the same Route Table.

B.  
You can associate multiple subnets with the same Route Table, but you can’t associate a subnet with only one Route Table.

C.  
You can’t associate multiple subnets with the same Route Table.

D.  
None of these.

**89) An organization has created multiple components of a single application for compartmentalization. Currently all the components are hosted on a single EC2 instance. Due to security reasons the organization wants to implement two separate SSLs for the separate modules although it is already using VPC. How can the organization achieve this with a single instance?**

A.  
Create a VPC instance which will have both the ACL and the security group attached to it and have separate rules for each IP address.

B.  
Create a VPC instance which will have multiple network interfaces with multiple elastic IP addresses.

C.  
You have to launch two instances each in a separate subnet and allow VPC peering for a single IP.

D.  
Create a VPC instance which will have multiple subnets attached to it and each will have a separate IP address.

**90) The AWS console for DynamoDB enables you to do all the following operations, except:**

A.  
Set up alarms to monitor your table’s capacity usage.

B.  
Create, update, and delete tables.

C.  
Import Data from other databases or from files.

D.  
View your table’s top monitoring metrics on real-time graphs from CloudWatch.

**91) AWS Elastic Beanstalk stores your application files and optionally server log files in \_\_\_\_.**

A.  
Amazon Storage Gateway

B.  
Amazon Glacier

C.  
Amazon EC2

D.  
Amazon S3

**92) A user is creating an EBS volume. He asks for your advice. Which advice mentioned below should you not give to the user for creating an EBS volume?**

A.  
Take the snapshot of the volume when the instance is stopped

B.  
Stripe multiple volumes attached to the same instance

C.  
Create an AMI from the attached volume

D.  
Attach multiple volumes to the same instance

**93) Which OS does the current version of AWS Elastic Beanstalk use?**

A.  
Amazon Linux AMI, Windows Server 2003 R2 AMI or the Windows Server 2008 R2 AMI

B.  
Amazon Linux AMI only

C.  
Amazon Linux AMI or the Windows Server 2008 R2 AMI

D.  
Windows Server 2008 R2 AMI only

Old Question.

Current answer:  
**Q: What elements of my application can I control when using AWS Elastic Beanstalk?  
With AWS Elastic Beanstalk, you can:**

Select the operating system that matches your application requirements (e.g., Amazon Linux or Windows Server 2012 R2)

**94) When a user is launching an instance with EC2, which of the below mentioned options is not available during the instance launch console for a key pair?**

A.  
Proceed without the key pair

B.  
Upload a new key pair

C.  
Select an existing key pair

D.  
Create a new key pair

**95) An organization has created an application which is hosted on the AWS EC2 instance. The application stores images to S3 when the end user uploads to it. The organization does not want to store the AWS secure credentials required to access the S3 inside the instance. Which of the below mentioned options is a possible solution to avoid any security threat?**

A.  
Use the IAM role and assign it to the instance.

B.  
Since the application is hosted on EC2, it does not need credentials to access S3.

C.  
Use the X.509 certificates instead of the access and the secret access keys.

D.  
Use the IAM based single sign between the AWS resources and the organization application.

**96) An ELB is diverting traffic across 5 instances. One of the instances was unhealthy only for 20 minutes. What will happen after 20 minutes when the instance becomes healthy?**

A.  
ELB will never divert traffic back to the same instance

B.  
ELB will not automatically send traffic to the same instance. However, the user can configure to start sending traffic to the same instance

C.  
ELB starts sending traffic to the instance once it is healthy

D.  
ELB terminates the instance once it is unhealthy. Thus, the instance cannot be healthy after 10 minutes

**97) Which of the following solutions is not supported by DynamoDB?**

A.  
Hash secondary index

B.  
Local secondary index

C.  
Hash Primary Key

D.  
Global secondary index

**98) True or False: AWS CloudFormation allows you to create Microsoft Windows stacks.**

A.  
False, AWS CloudFormation does not support Microsoft Windows.

B.  
False, Amazon doesn’t support Microsoft Windows.

C.  
False, you cannot create Windows stacks.

D.  
True.

**99) A user has created a snapshot of an EBS volume. Which of the below mentioned usage cases is not possible with respect to a snapshot?**

A.  
Mirroring the volume from one AZ to another AZ

B.  
Launch an instance

C.  
Decrease the volume size

D.  
Increase the size of the volume

**100) A user is planning to use the AWS RDS with MySQL. Which of the below mentioned services the user is not going to pay?**

A.  
Data transfer

B.  
RDS Cloudwatch metrics

C.  
Data storage

D.  
I/O requests per month

**101) When you use the AWS Elastic Beanstalk console to deploy a new application \_\_\_\_.**

A.  
you’ll need to upload each file separately

B.  
you’ll need to create each file and path

C.  
you’ll need to upload a source bundle

D.  
you’ll need to create each file

**102) The user has configured AutoScaling based on the dynamic policy. Which of the following is not the right command to specify a change in capacity as a part of the policy?**

A.  
“adjustment=-50” (type is PercentChangeInCapacity)

B.  
“adjustment=3” (type is ExactCapacity)

C.  
“adjustment=-1” (type is ChangeInCapacity)

D.  
“adjustment=-8” (type is ExactCapacity)

**103) A user is setting up an Elastic Load Balancer(ELB). Which of the below parameters should the user consider so as the instance gets registered with the ELB?**

A.  
ELB DNS

B.  
IP address

C.  
Security group

D.  
ELB IP

**104) A user is planning to host MS SQL on an EBS volume. It was recommended to use the AWS RDS. What advantages will the user have if he uses RDS in comparison to an EBS based DB?**

A.  
Better throughput with PIOPS

B.  
Automated backup

C.  
MS SQL is not supported with RDS

D.  
High availability with multi AZs

**105) PassLeader (with AWS account ID 111122223333) has created 50 IAM users for its organization’s employees. What will be the AWS console URL for these associates?**

A.  
https:// 111122223333.signin.aws.amazon.com/console/

B.  
https:// signin.aws.amazon.com/console/

C.  
https://signin.aws.amazon.com/111122223333/console/

D.  
https://signin.aws.amazon.com/console/111122223333/

**106) A user is configuring the HTTPS protocol on a front end ELB and the SSL protocol for the back-end listener in ELB. What will ELB do?**

A.  
It will allow you to create the configuration, but the instance will not pass the health check

B.  
Receives requests on HTTPS and sends it to the back end instance on SSL

C.  
It will not allow you to create this configuration

D.  
It will allow you to create the configuration, but ELB will not work as expected

**107) A user is launching an AWS RDS with MySQL. Which of the below mentioned options allows the user to configure the INNODB engine parameters?**

A.  
Options group

B.  
Engine parameters

C.  
Parameter groups

D.  
DB parameters

**108) A user has created a new raw EBS volume. The user mounts the volume on the instance to which it is attached. Which of the below mentioned options is a required step before the user can mount the volume?**

A.  
Run a cyclic check on the device for data consistency

B.  
Create a file system of the volume

C.  
No step is required. The user can directly mount the device

D.  
Resize the volume as per the original snapshot size

**109) In regard to DynamoDB, can I modify the index once it is created?**

A.  
Yes, if it is a primary hash key index

B.  
Yes, if it is a Global secondary index

C.  
No

D.  
Yes, if it is a local secondary index

**110) A user has developed an application which is required to send the data to a NoSQL database. The user wants to decouple the data sending such that the application keeps processing and sending data but does not wait for an acknowledgement of DB. Which of the below mentioned applications helps in this scenario?**

A.  
AWS Simple Notification Service

B.  
AWS Simple Workflow

C.  
AWS Simple Query Service

D.  
AWS Simple Queue Service

**111) An organization has enabled a strict password policy for its IAM users. The organization is taking help from the IAM console to set the password policy. Which of the below mentioned rules cannot be specified by the user as a part of the policy?**

A.  
Allow at least one lower case letter

B.  
Allow at least one number

C.  
Allow at least one non-alphanumeric character

D.  
Do not allow the user to use the password from the last three passwords

**112) A user is trying to configure access with S3. Which of the following options is not possible to provide access to the S3 bucket / object?**

A.  
Define the policy for the IAM user

B.  
Define the ACL for the object

C.  
Define the policy for the object

D.  
Define the policy for the bucket

**113) What is the data model of DynamoDB?**

A.  
“Items”, with Keys and one or more Attribute; and “Attribute”, with Name and Value.

B.  
“Database”, which is a set of “Tables”, which is a set of “Items”, which is a set of “Attributes”.

C.  
“Table”, a collection of Items; “Items”, with Keys and one or more Attribute; and “Attribute”, with Name and Value.

D.  
“Database”, a collection of Tables; “Tables”, with Keys and one or more Attribute; and “Attribute”, with Name and Value.

**114) Does Amazon DynamoDB support both increment and decrement atomic operations?**

A.  
No, neither increment nor decrement operations.

B.  
Only increment, since decrement are inherently impossible with DynamoDB’s data model.

C.  
Only decrement, since increment are inherently impossible with DynamoDB’s data model.

D.  
Yes, both increment and decrement operations.

**115) A user has configured ELB with two instances running in separate AZs of the same region? Which of the below mentioned statements is true?**

A.  
Multi AZ instances will provide HA with ELB

B.  
Multi AZ instances are not possible with a single ELB

C.  
Multi AZ instances will provide scalability with ELB

D.  
The user can achieve both HA and scalability with ELB

**116) A user has enabled serverside encryption with S3. The user downloads the encrypted object from S3. How can the user decrypt it?**

A.  
S3 does not support server side encryption

B.  
S3 provides a server side key to decrypt the object

C.  
The user needs to decrypt the object using their own private key

D.  
S3 manages encryption and decryption automatically

**117) An organization is hosting an application as part of the free usage tier. The organization wants to create IAM users for each of its 150 employees and they may access AWS as part of free usage tier. What will you advise the organization?**

A.  
The IAM is not available as a part of the free usage tier

B.  
Create IAM roles and give access based on role since it will not cost the user

C.  
Do not create more than 100 users as it will cost the organization

D.  
Create IAM users for each employee as it does not cost

**118) The user has created multiple AutoScaling groups. The user is trying to create a new AS group but it fails. How can the user know that he has reached the AS group limit specified by AutoScaling in that region?**

A.  
Run the command: as-describe-account-limits

B.  
Run the command: as-describe-group-limits

C.  
Run the command: as-max-account-limits

D.  
Run the command: as-list-account-limits

**119) How do you configure SQS to support longer message retention?**

A.  
Set the MessageRetentionPeriod attribute using the SetQueueAttributes method

B.  
Using a Lambda function

C.  
You can’t. It is set to 14 days and cannot be changed

D.  
You need to request it from AWS

**120) What is the maximum number of tags that a user can assign to an EC2 instance?**

A.  
50

B.  
10

C.  
5

D.  
25

**121) A user is trying to find the state of an S3 bucket with respect to versioning. Which of the below mentioned states AWS will not return when queried?**

A.  
versioning-enabled

B.  
versioning-suspended

C.  
unversioned

D.  
versioned

**122) Your manager has requested you to tag EC2 instances to organize and manage a load balancer. Which of the following statements about tag restrictions is incorrect?**

A.  
The maximum key length is 127 Unicode characters.

B.  
The maximum value length is 255 Unicode characters.

C.  
Tag keys and values are case sensitive.

D.  
The maximum number of tags per load balancer is 20.

**123) You are using Amazon SQS and are getting a “Queue Deleted Recently” error. What is wrong?**

A.  
The message is too big

B.  
You have incorrect permissions

C.  
Another user has deleted the queue

D.  
If you delete a queue, you need to wait for at least 60 seconds before creating a queue with the same name

**124) Which of the following groups is AWS Elastic Beanstalk best suited for?**

A.  
Those who want to deploy and manage their applications within minutes in the AWS cloud.

B.  
Those who want to privately store and manage Git repositories in the AWS cloud.

C.  
Those who want to automate the deployment of applications to instances and to update the applications as required.

D.  
Those who want to model, visualize, and automate the steps required to release software.

**125) A user is planning to use EBS for his DB requirement. The user already has an EC2 instance running in the VPC private subnet. How can the user attach the EBS volume to a running instance?**

A.  
The user must create EBS within the same VPC and then attach it to a running instance.

B.  
The user can create EBS in the same zone as the subnet of instance and attach that EBS to instance.

C.  
It is not possible to attach an EBS to an instance running in VPC until the instance is stopped.

D.  
The user can specify the same subnet while creating EBS and then attach it to a running instance.

**126) A user is creating a snapshot of an EBS volume. Which of the below statements is incorrect in relation to the creation of an EBS snapshot?**

A.  
Its incremental

B.  
It can be used to launch a new instance

C.  
It is stored in the same AZ as the volume

D.  
It is a point in time backup of the EBS volume

**127) A user wants to access RDS from an EC2 instance using IP addresses. Both RDS and EC2 are in the same region, but different AZs. Which of the below mentioned options help configure that the instance is accessed faster?**

A.  
Configure the Private IP of the Instance in RDS security group

B.  
Security group of EC2 allowed in the RDS security group

C.  
Configuring the elastic IP of the instance in RDS security group

D.  
Configure the Public IP of the instance in RDS security group

**128) AWS Elastic Beanstalk will change the health status of a web server environment tier to gray color when:**

A.  
AWS Elastic Beanstalk detects other problems with the environment that are known to make the application unavailable.

B.  
Your application hasn’t responded to the application health check URL within the last one hour.

C.  
Your application hasn’t responded to the application health check URL within the last five minutes.

D.  
Your application’s health status is unknown because status is reported when the application is not in the ready state.

**129) A user has an S3 object in the US Standard region with the content “color=red”. The user updates the object with the content as “color=”white”. If the user tries to read the value 1 minute after it was uploaded, what will S3 return?**

A.  
It will return “color=white”

B.  
It will return “color=red”

C.  
It will return an error saying that the object was not found

D.  
It may return either “color=red” or “color=white” i.e. any of the value

**130) A user is trying to create a policy for an IAM user from the AWS console. Which of the below mentioned options is not available to the user while configuring policy?**

A.  
Use policy generator to create policy

B.  
Use custom policy to create policy

C.  
Use policy simulator to create policy

D.  
Assign No permission

**131) A user is using an EBS backed instance. Which of the below mentioned statements is true?**

A.  
The user will be charged for volume and instance only when the instance is running

B.  
The user will be charged for the volume even if the instance is stopped

C.  
The user will be charged only for the instance running cost

D.  
The user will not be charged for the volume if the instance is stopped

**132) When you register an activity in Amazon SWF, you provide the following information, except:**

A.  
a name

B.  
timeout values

C.  
a domain

D.  
version

**133) Which header received at the EC2 instance identifies the port used by the client while requesting ELB?**

A.  
X-Forwarded-Proto

B.  
X-Requested-Proto

C.  
X-Forwarded-Port

D.  
X-Requested-Port

**134) Which of the below mentioned options can be a good use case for storing content in AWS RRS?**

A.  
Storing mission critical data Files

B.  
Storing infrequently used log files

C.  
Storing a video file which is not reproducible

D.  
Storing image thumbnails

**135) In AWS Elastic Beanstalk, if the application returns any response other than 200 ,OK or there is no response within the configured InactivityTimeout period, \_\_\_\_.**

**A.**SQS once again makes the message visible in the queue and available for another attempt at processing

B.  
SQS waits for another timeout

C.  
SQS run DeleteMessagecall and deletes the message from the queue

D.  
SQS sends a message to the application with the MessageID and pending status

**136) Which Amazon service is not used by Elastic Beanstalk?**

A.  
Amazon S3

B.  
Amazon ELB

C.  
Auto scaling

D.  
Amazon EMR

**137) In regards to Amazon SQS how can you secure the messages in your queues?**

A.  
You can’t

B.  
Amazon SQS uses either your Access Key ID or an X.509 certificate to authenticate your identity

C.  
Through your IAM access keys

D.  
Don’t use root access

**138) When AutoScaling is launching a new instance based on condition, which of the below mentioned policies will it follow?**

A.  
Based on the criteria defined with cross zone Load balancing

B.  
Launch an instance which has the highest load distribution

C.  
Launch an instance in the AZ with the fewest instances

D.  
Launch an instance in the AZ which has the highest instances

**139) An organization has 20 employees. The organization wants to give all the users access to the organization AWS account. Which of the below mentioned options is the right solution?**

A.  
Share the root credentials with all the users

B.  
Create an IAM user for each employee and provide access to them

C.  
It is not advisable to give AWS access to so many users

D.  
Use the IAM role to allow access based on STS

**140) You cannot access your AWS console, so you revert to using the CLI that you are not familiar with. Which of the following commands is not a valid CLI command for EC2 instances?**

**A.**ec2-allocate-address

B.  
ec2-attach-internet-gateway

C.  
ec2-associate-route-table

D.  
ec2-allocate-interface

**141) A user has launched a MySQL RDS. The user wants to plan for the DR and automate the snapshot. Which of the below mentioned functionality offers this option with RDS**?

A.  
Copy snapshot

B.  
Automated synchronization

C.  
Snapshot

D.  
Automated backup

**142) In relation to Amazon Simple Workflow Service (Amazon SWF),what is an “Activity Worker”?**

A.  
An individual task undertaken by a workflow

B.  
The automation of a business process

C.  
A piece of software that implements tasks

D.  
All answers listed are correct

**143) \_\_\_\_ can be used to bootstrap both the Chef Server and Chef Client software on your EC2 instances.**

A.  
AWS CloudFormation

B.  
AWS Elastic Beanstalk

C.  
AWS OpsWorks

D.  
Amazon Glacier

**144) Can a user associate and use his own DNS with ELB instead of the DNS provided by AWS ELB?**

A.  
Yes, by creating a CNAME with the existing domain name provider

B.  
Yes, by configuring DNS in the AWS Console

C.  
No

D.  
Yes, only through Route 53 by mapping ELB and DNS

**145) A user is running a webserver on EC2. The user wants to receive the SMS when the EC2 instance utilization is above the threshold limit. Which AWS services should the user configure in this case?**

A.  
AWS CloudWatch + AWS SES.

B.  
AWS CloudWatch + AWS SNS.

C.  
AWS CloudWatch + AWS SQS.

D.  
AWS EC2 + AWS Cloudwatch.

**146) A user is enabling logging on a particular bucket. Which of the below mentioned options may be best suitable to allow access to the log bucket?**

A.  
Create an IAM policy and allow log access

B.  
It is not possible to enable logging on the S3 bucket

C.  
Create an IAM Role which has access to the log bucket

D.  
Provide ACL for the logging group

**147) A user has set an IAM policy where it allows all requests if a request from IP 10.10.10.1/32. Another policy allows all the requests between 5 PM to 7 PM. What will happen when a user is requesting access from IP 10.10.10.1/32 at 6 PM?**

A.  
IAM will throw an error for policy conflict

B.  
It is not possible to set a policy based on the time or IP

C.  
It will deny access

D.  
It will allow access

**148) In regards to Amazon SQS how many times will you receive each message?**

A.  
At least twice

B.  
Exactly once

C.  
As many times as you want

D.  
At least once

**149) A user is creating multiple IAM users. What advice should be given to him to enhance the security?**

A.  
Grant least privileges to the individual user

B.  
Grant all higher privileges to the group

C.  
Grant less privileges for user, but higher privileges for the group

D.  
Grant more privileges to the user, but least privileges to the group

**150) A user has created a new EBS volume from an existing snapshot. The user mounts the volume on the instance to which it is attached. Which of the below mentioned options is a required step before the user can mount the volume?**

A.  
Run a cyclic check on the device for data consistency

B.  
Create the file system of the volume

C.  
Resize the volume as per the original snapshot size

D.  
No step is required. The user can directly mount the device

**151) PassLeader (with AWS account ID 111122223333) has created 50 IAM users for its organization’s employees. PassLeader wants to make the AWS console login URL for all IAM users like:** [**https://passleader.signin.aws.amazon.com/console/**](https://passleader.signin.aws.amazon.com/console/)**. How can this be configured?**

A.  
The user needs to use Route 53 to map the passleader domain and IAM URL

B.  
Create an IAM AWS account alias with the name passleader

C.  
It is not possible to have a personalized IAM login URL

D.  
Create an IAM hosted zone Identity for the domain passleader

**152) Which of the below mentioned commands allows the user to share the AMI with his peers using the AWS EC2 CLI?**

A.  
ec2-share-image-public

B.  
ec2-share-image-account

C.  
ec2-share-image

D.  
ec2-modify-image-attribute

**153) Which of the below mentioned options is a must to have an element as a part of the IAM policy?**

A.  
Condition

B.  
ID

C.  
Statement

D.  
Version

**154) Regarding Amazon SQS, what happens if there is no activity against a queue for more than 30 consecutive days?**

A.  
Your account will be suspended

B.  
The queue may be deleted

C.  
Nothing

D.  
The queue will be deleted

**155) A root account owner is trying to setup an additional level of security for all his IAM users. Which of the below mentioned options is a recommended solution for the account owner?**

A.  
Enable access key and secret access key for all the IAM users

B.  
Enable MFA for all IAM users

C.  
Enable the password for all the IAM users

D.  
Enable MFA for the root account

**156) An organization is setting up their website on AWS. The organization is working on various security measures to be performed on the AWS EC2 instances. Which of the below mentioned security mechanisms will not help the organization to avoid future data leaks and identify security weaknesses?**

A.  
Perform SQL injection for application testing.

B.  
Run penetration testing on AWS with prior approval from Amazon.

C.  
Perform a hardening test on the AWS instance.

D.  
Perform a Code Check for any memory leaks.

**157) A user is planning to host a mobile game on EC2 which sends notifications to active users on either high score or the addition of new features. The user should get this notification when he is online on his mobile device. Which of the below mentioned AWS services can help achieve this functionality**?

A.  
AWS Simple Notification Service.

B.  
AWS Simple Queue Service.

C.  
AWS Mobile Communication Service.

D.  
AWS Simple Email Service.

**158) In DynamoDB, could you use IAM to grant access to Amazon DynamoDB resources and API actions?**

A.  
Yes

B.  
Depended to the type of access

C.  
In DynamoDB there is no need to grant access

D.  
No

**159) A user has created a blank EBS volume in the US-East-1 region. The user is unable to attach the volume to a running instance in the same region. What could be the possible reason for this?**

A.  
The instance must be in a running state. It is required to stop the instance to attach volume

B.  
The AZ for the instance and volume are different

C.  
The instance is from an instance store backed AMI

D.  
The instance has enabled the volume attach protection

**160) A user has created photo editing software and hosted it on EC2. The software accepts requests from the user about the photo format and resolution and sends a message to S3 to enhance the picture accordingly. Which of the below mentioned AWS services will help make a scalable software with the AWS infrastructure in this scenario?**

A.  
AWS Elastic Transcoder

B.  
AWS Simple Notification Service

C.  
AWS Simple Queue Service

D.  
AWS Glacier

**161) Bob is an IAM user who has access to the EC2 services. Admin is an IAM user who has access to all the AWS services including IAM. Can Bob change his password?**

A.  
No, the IAM user can never change the password

B.  
Yes, provided Admin has given Bob access to change his password

C.  
Yes, only from AWS CLI

D.  
Yes, only from the AWS console

**162) A user is trying to create a list of IAM users with the AWS console. When the IAM users are created which of the below mentioned credentials will be enabled by default for the user?**

A.  
IAM access key and secret access key

B.  
IAM X.509 certificates

C.  
Nothing. Everything is disabled by default

D.  
IAM passwords

**163) What does Amazon SQS provide?**

A.  
An asynchronous message queue service.

B.  
A Simple Query Server, managed directly by Amazon Web Services.

C.  
None of these.

D.  
A synchronous message queue service.

**164) Can one instance be registered with two ELBs in the same region?**

A.  
No

B.  
Yes, provided both ELBs have the same health check configuration

C.  
Yes, always

D.  
Yes, provided both ELBs are in the same AZ

**165) Which of the following device names is recommended for an EBS volume that can be attached to an Amazon EC2 Instance running Windows?**

A.  
xvd[a-e]

B.  
/mnt/sd[b-e]

C.  
xvd[f-p]

D.  
/dev/sda1

**166) A user is trying to understand AWS SNS. To which of the below mentioned end points is SNS unable to send a notification?**

A.  
AWS SES

B.  
Email JSON

C.  
AWS SQS

D.  
HTTP

**167) In DynamoDB, a secondary index is a data structure that contains a subset of attributes from a table, along with an alternate key to support \_\_\_\_ operations.**

A.  
None of the above

B.  
Both

C.  
Query

D.  
Scan

**168) How does Amazon SQS allow multiple readers to access the same message queue without losing messages or processing them many times?**

A.  
By identifying a user by his unique id

B.  
By using unique cryptography

C.  
Amazon SQS queue has a configurable visibility timeout

D.  
Multiple readers can’t access the same message queue

**169) A user has configured a bucket S3 to host a static website. What difference will there be when static website hosting is enabled?**

A.  
It will help the user identify this bucket as the website root to map with the domain

B.  
It will create a new version of the bucket

C.  
It will not make any difference, but will help the user to configure the error page

D.  
It will provide the region specific website endpoint

**170) A user had defined an IAM policy similar to the one given below on a bucket:**{  
“Version”: “2012-10-17”,  
“Statement”: [{  
“Effect”: “Allow”,  
“Principal”: {  
“AWS”: “arn:aws:iam::12112112:user/test”  
},  
“Action”: [  
“s3:GetBucketLocation”,  
“s3:ListBucket”,  
“s3:GetObject”  
],  
“Resource”: [  
“arn:aws:s3:::passleader”  
] } ] }  
What will this do?

A.  
It will result in an error saying invalid policy statement

B.  
It will create an IAM policy for the user test

C.  
Allows the user test of the AWS account ID 12112112 to perform GetBucketLocation, ListBucket and GetObject on the bucket passleader

D.  
It will allow all the IAM users of the account ID 12112112 to perform GetBucketLocation, ListBucket and GetObject on bucket passleader

**171) When you use the AWS Elastic Beanstalk console to deploy a new application you’ll need to upload a source bundle an it should \_\_\_\_.**

A.  
Consist of a single .zip file

B.  
Consist of a single .war file

C.  
Consist of a single .zip file or .war file

D.  
Consist of a folder with all files

**172) A user has launched an EC2 instance and installed a website with the Apache webserver. The webserver is running but the user is not able to access the website from the internet. What can be the possible reason for this failure?**

A.  
The security group of the instance is not configured properly.

B.  
The instance is not configured with the proper key-pairs.

C.  
The Apache website cannot be accessed from the internet.

D.  
Instance is not configured with an elastic IP.

**173) You are building an online store on AWS that uses SQS to process your customer orders. Your backend system needs those messages in the same sequence the customer orders have been put in. How can you achieve that?**

A.  
You can do this with SQS but you also need to use SWF

B.  
Messages will arrive in the same order by default

C.  
You can use sequencing information on each message

D.  
It is not possible to do this with SQS

**174) You have been given a scope to deploy some AWS infrastructure for a large organisation. The requirements are that you will have a lot of EC2 instances but may need to add more when the average utilization of your Amazon EC2 fleet is high and conversely remove them when CPU utilization is low. Which AWS services would be best to use to accomplish this?**

A.  
Amazon CloudFront, Amazon CloudWatch and Elastic Load Balancing.

B.  
Auto Scaling, Amazon CloudWatch and AWS CloudTrail.

C.  
Auto Scaling, Amazon CloudWatch and Elastic Load Balancing.

D.  
Auto Scaling, Amazon CloudWatch and AWS Elastic Beanstalk.

**175) Which of the below mentioned options is not a best practice to securely manage the AWS access credentials?**

A.  
Enable MFA for privileged users

B.  
Create individual IAM users

C.  
Keep rotating your secure access credentials at regular intervals

D.  
Create strong access key and secret access key and attach to the root account

**176) In regard to DynamoDB, what is the Global secondary index?**

A.  
An index with a hash and range key that can be different from those on the table

B.  
An index that has the same range key as the table, but a different hash key

C.  
An index that has the same hash key and range key as the table

D.  
An index that has the same hash key as the table, but a different range key

**177) In regard to AWS CloudFormation, what is a stack?**

A.  
The set of AWS templates that are created and managed as a template

B.  
The set of AWS resources that are created and managed as a template

C.  
The set of AWS resources that are created and managed as a single unit

D.  
The set of AWS templates that are created and managed as a single unit

**178) A user has launched one EC2 instance in the US West region. The user wants to access the RDS instance launched in the US East region from that EC2 instance. How can the user configure the access for that EC2 instance?**

A.  
It is not possible to access RDS of the US East region from the US West region

B.  
Open the security group of the US West region in the RDS security group’s ingress rule

C.  
Configure the IP range of the US West region instance as the ingress security rule of RDS

D.  
Create an IAM role which has access to RDS and launch an instance in the US West region with it

**179) When using Amazon SQS how much data can you store in a message?**

A.  
256 KB

B.  
2 KB

C.  
16 KB

D.  
4 KB

SQS now supports up to 256 KB: <https://docs.aws.amazon.com/AWSSimpleQueueService/latest/SQSDeveloperGuide/limits-messages.html>

**180) A user has launched an EBS backed Linux instance. How can a user detach the root device and attach it to another instance as a secondary volume?**

A.  
Unmount the root volume first and then detach it

B.  
It is not possible to mount the root volume to some other instance

C.  
Stop the first instance and then attach instance’s root volume as a new volume to the other instance

D.  
It is not possible to mount the root device as a secondary volume on the other instance

**181) You want to have multiple versions of your application running at the same time, with all versions launched via AWS Elastic Beanstalk. Is this possible?**

A.  
No. However if you have 2 AWS accounts this can be done

B.  
No. AWS Elastic Beanstalk is not designed to support multiple running environments

C.  
Yes. AWS Elastic Beanstalk is designed to support a number of multiple running environments

D.  
Yes. However AWS Elastic Beanstalk is designed to support only 2 multiple running environments

**182) A user is launching an AWS RDS instance with MySQL. The user wants to enable the Multi AZ feature. Which of the below mentioned parameters will not be allowed to configure by RDS?**

A.  
Availability Zone

B.  
Region

C.  
DB subnet group

D.  
Database port

**183) In DynamoDB, the default table size is:**

A.  
5 GB

B.  
1 GB

C.  
10 GB

D.  
There is no table size

**184) What is the maximum time messages can be stored in SQS?**

A.  
14 days

B.  
one month

C.  
4 days

D.  
7 days

**185) An account owner has created an IAM user with the name passleader. The account owner wants to give EC2 access of only the US West region to that IAM user. How can the owner configure this?**

A.  
While creating a policy provide the region as a part of the resources

B.  
Create an IAM user in the US West region and give access to EC2

C.  
Create an IAM policy and define the region in the condition

D.  
It is not possible to provide access based on the region

**186) A user has attached an EBS volume to a running Linux instance as a “/dev/sdf” device. The user is unable to see the attached device when he runs the command “df -h”. What is the possible reason for this?**

A.  
The volume is not in the same AZ of the instance

B.  
The volume is not formatted

C.  
The volume is not attached as a root device

D.  
The volume is not mounted

**187) A user has attached one RDS security group with 5 RDS instances. The user has changed the ingress rule for the security group. What will be the initial status of the ingress rule?**

A.  
Approving Regarding Amazon SWF, the coordination logic in a workflow is contained in a software program called a \_\_\_\_.

B.  
Implementing

C.  
Authorizing

D.  
It is not possible to assign a single group to multiple DB instances

**188) Regarding Amazon SWF, the coordination logic in a workflow is contained in a software program called a \_\_\_\_.**

A.  
Handler

B.  
Decider

C.  
Cordinator

D.  
Worker

**189) How long are the messages kept on an SQS queue by default?**

A.  
If a message is not read, it is never deleted

B.  
2 weeks

C.  
1 day

D.  
4 days

190) **An online gaming site asked you if you can deploy a database that is a fast, highly scalable NoSQL database service in AWS for a new site that he wants to build. Which database should you recommend?**

A.  
Amazon Redshift

B.  
Amazon SimpleDB

C.  
Amazon DynamoDB

D.  
Amazon RDS

**191) A user is planning to host a web server as well as an app server on a single EC2 instance which is a part of the public subnet of a VPC. How can the user setup to have two separate public IPs and separate security groups for both the application as well as the web server?**

A.  
Launch a VPC instance with two network interfaces. Assign a separate security group to each and AWS will assign a separate public   
IP to them.

B.  
Launch VPC with two separate subnets and make the instance a part of both the subnets.

C.  
Launch a VPC instance with two network interfaces. Assign a separate security group and elastic IP to them.

D.  
Launch a VPC with ELB such that it redirects requests to separate VPC instances of the public subnet.

**192) Regarding Amazon SQS, are there restrictions on the names of Amazon SQS queues?**

A.  
No

B.  
Yes. Queue names must be unique within an AWS account and you cannot use hyphens (-) and underscores (\_)

C.  
Yes. Queue names are limited to 80 characters and queue names must be unique within an AWS account

D.  
Yes. Queue names are limited to 80 characters but queue names do not need to be unique within an AWS account

**193) Doug has created a VPC with CIDR 10.201.0.0/16 in his AWS account. In this VPC he has created a public subnet with CIDR block 10.201.31.0/24. While launching a new EC2 from the console, he is not able to assign the private IP address 10.201.31.6 to this instance. Which is the most likely reason for this issue?**

A.  
Private IP address 10.201.31.6 is not part of the associated subnet’s IP address range.

B.  
Private IP address 10.201.31.6 is blocked via ACLs in Amazon infrastructure as a part of platform security.

C.  
Private address IP 10.201.31.6 is currently assigned to another interface.

D.  
Private IP address 10.201.31.6 is reserved by Amazon for IP networking purposes

**194) In relation to Amazon SQS, how many queues and messages can you have per queue for each user?**

A.  
Unlimited

B.  
10

C.  
256

D.  
500

**195) What kind of service is provided by AWS DynamoDB?**

A.  
Relational Database

B.  
NoSQL Database

C.  
Dynamic Database

D.  
Document Database

**196) An organization has launched two applications: one for blogging and one for ECM on the same AWS Linux EC2 instance running in the AWS VPC. The organization has attached two private IPs (primary and secondary) to the above mentioned instance. The organization wants the instance OS to recognize the secondary IP address. How can the organization configure this?**

A.  
Use the ec2-net-utility package which updates routing tables, uses DHCP to refresh the secondary IP and adds the network interface

B.  
Use the ec2-net-utils package which will configure an additional network interface and update the routing table

C.  
Use the ec2-ip-update package which can configure the network interface as well as update the secondary IP with DHCP

D.  
Use the ec2-ip-utility package which can update the routing tables as well as refresh the secondary IP using DHCP

**197) In relation to Amazon SQS, how can you ensure that messages are delivered in order?**

A.  
Increase the size of your queue

B.  
Send them with a timestamp

C.  
Give each message a unique id

D.  
AWS cannot guarantee that you will receive messages in the exact order you sent them

**198) What happens if your application performs more reads or writes than your provisioned capacity?**

A.  
Nothing.

B.  
requests above your provisioned capacity will be performed but you will receive 400 error codes.

C.  
requests above your provisioned capacity will be performed but you will receive 200 error codes.

D.  
requests above your provisioned capacity will be throttled and you will receive 400 error codes.

**199) A user has created a queue named “myqueue” with SQS. There are four messages published to queue which are not received by the consumer yet. If the user tries to delete the queue, what will happen?**

A.  
A user can never delete a queue manually. AWS deletes it after 30 days of inactivity on queue

B.  
It will initiate the delete but wait for four days before deleting until all messages are deleted automatically

C.  
It will ask user to delete the messages first

D.  
It will delete the queue

**200) A user has not enabled versioning on an S3 bucket. What will be the version ID of the object inside that bucket?**

A.  
0

B.  
There will be no version attached

C.  
Null

D.  
Blank

**201) A user plans to use RDS as a managed DB platform. Which of the below mentioned features is not supported by RDS?**

A.  
Automated backup

B.  
Automated scaling to manage a higher load

C.  
Automated failure detection and recovery

D.  
Automated software patching