**BHTPA- STT14-A**

AWS Examination Sample Question

**Question 1:** Which service provides DNS in the AWS cloud?

* Amazon EMR
* Amazon CloudFront
* AWS Config
* Route 53

Current Ans: D

**Question 2:** In the AWS Shared responsibility Model, which of the following are the responsibility of the customer?

* Controlling physical access to computing resources
* Setting password complexity rules
* Disk disposal
* Patching the Network infrastructure

Current Ans: B

**Question 3:** AWS allows users to manage their resources using a web-based user interface. What is the name of this interface?​

* AWS SDK
* AWS Management Console
* AWS API
* AWS CLI

Current Ans: B

**Question 4:** Which of the following does NOT belong to the AWS Cloud Computing models?

* Software as a Service (SaaS)
* Infrastructure as a Service (IaaS)
* Networking as a Service (NaaS)
* Platform as a Service (PaaS)

Current Ans: C

**Question 5:** Which S3 storage class is best for data with unpredictable access patterns?

* Amazon S3 Standard-Infrequent Access
* Amazon S3 Intelligent-Tiering
* Amazon S3 Standard
* Amazon S3 Glacier

Current Ans: B

**Question 6:** Which of the following is not a benefit of Amazon S3?

* Amazon S3 provides 99.999999999% (11 9’s) of data durability
* Amazon S3 can be scaled manually to store and retrieve any amount of data from anywhere
* Amazon S3 stores any number of objects, but with object size limits
* Amazon S3 provides unlimited storage for any type of data

Current Ans: B

**Question 7:** The principle “design for failure and nothing will fail” is very important when designing your AWS Cloud architecture. Which of the following would help adhere to this principle? ​

* Multi-factor authentication​
* Availability Zones
* Elastic Load Balancing
* Penetration testing

Current Ans: B

**Question 8:** Under the shared responsibility model, Which of the following is the AWS’ responsibility?

* Server-side encryption
* Configuring infrastructure devices
* Client-side encryption
* Filtering Traffic with Security Groups

Current Ans: B

**Question 9:** How can you view the distribution of AWS spending in one of your AWS accounts?

* By using Amazon VPC console
* By contacting the AWS Finance team
* By using AWS Cost Explorer
* By contacting the AWS Support team

Current Ans: C

**Question 10:** What does Amazon CloudFront use to distribute content to global users with low latency?

* AWS Regions
* AWS Edge Locations
* AWS Data Centers
* AWS Global Accelerator

Current Ans: B

**Question 11:** A company has decided to migrate its Oracle database to AWS. Which AWS service can help achieve this without negatively impacting the functionality of the source database?

* AWS Database Migration Service
* AWS Server Migration Service
* AWS Application Discovery Service
* AWS OpsWorks

Current Ans: A

**Question 12:** What is the benefits of having infrastructure hosted in AWS?

* Increasing speed and agility
* Gaining complete control over the physical infrastructure
* Operating applications on behalf of customers
* All of the physical security and most of the data/network security are taken care of for you

Current Ans: A

**Question 13:** What does the "Principle of Least Privilege" refer to?

* All IAM users should have at least the necessary permissions to access the core AWS services
* You should grant your users only the permissions they need when they need them and nothing more
* IAM users should not be granted any permissions; to keep your account safe
* All trusted IAM users should have access to any AWS service in the respective AWS account

Current Ans: B

**Question 14:** The identification process of an online financial services company requires that new users must complete an online interview with their security team. The completed recorded interviews are only required in the event of a legal issue or a regulatory compli

* S3 Intelligent-Tiering
* Amazon EBS
* Amazon Glacier
* AWS Marketplace

Current Ans: C

**Question 15:** Which service provides object-level storage in AWS?

* Amazon S3
* Amazon EBS​
* Amazon Instance Store
* Amazon EFS

Current Ans: A

**Question 16:** Your company has a data store application that requires access to a NoSQL database. Which AWS database offering would meet this requirement?

* Amazon Aurora
* Amazon Elastic Block Store
* Amazon Redshift
* Amazon DynamoDB

Current Ans: D

**Question 17:** Which of the below is a best-practice when designing solutions on AWS?

* Use AWS reservations to reduce costs when testing your production environment
* Provision a large compute capacity to handle any spikes in load
* Automate wherever possible to make architectural experimentation easier
* Invest heavily in architecting your environment, as it is not easy to change your design later

Current Ans: C

**Question 18:** Adjusting compute capacity dynamically to reduce cost is an implementation of which AWS cloud best practice?

* Implement elasticity
* Build security in every layer
* Adopt monolithic architecture
* Parallelize tasks

Current Ans: A

**Question 19:** A global company with a large number of AWS accounts is seeking a way in which they can centrally manage billing and security policies across all accounts. Which AWS Service will assist them in meeting these goals?

* AWS Trusted Advisor
* AWS Organizations
* IAM Groups
* AWS Config

Current Ans: B

**Question 20:** You have deployed your application on multiple Amazon EC2 instances. Your customers complain that sometimes they can’t reach your application. Which AWS service allows you to monitor the performance of your EC2 instances to assist in troubleshooting these

* AWS Lambda
* Amazon CloudWatch
* AWS Config​
* AWS CloudTrail

Current Ans: B

**Question 21:** Select examples of the AWS shared controls.

* ​Configuration Management
* VPC Management
* Data Center operations
* Patch Management

Current Ans: A

**Question 22:** A startup company is operating on limited funds and is extremely concerned about cost overruns. Which of the below options can be used to notify the company when their monthly AWS bill exceeds $2000?

* Configure the Amazon Simple Email Service to send an SNS billing notification to their email address
* Configure the Amazon Connect Service to send an SNS billing notification to their email address
* Setup a CloudTrail billing alarm that triggers an SNS notification to their email address
* Setup a CloudWatch billing alarm that triggers an SNS notification to their email address

Current Ans: D

**Question 23:** Your company is developing a critical web application in AWS, and the security of the application is a top priority. Which of the following AWS services will provide infrastructure security optimization recommendations?

* Amazon Aurora
* AWS Shield
* AWS Management Console
* AWS Trusted Advisor

Current Ans: D

**Question 24:** You have set up consolidated billing for several AWS accounts. One of the accounts has purchased a number of reserved instances for 3 years. Which of the following is true regarding this scenario?

* ​There are no-cost benefits from using consolidated billing; It is for informational purposes only
* The Reserved Instance discounts can only be shared with the master account
* The purchased instances will have better performance than On-demand instances
* All accounts can receive the hourly cost-benefit of the Reserved Instances

Current Ans: D

**Question 25:** ​A company is introducing a new product to its customers and is expecting a surge in traffic to its web application. As part of their Enterprise Support plan, which of the following provides the company with architectural and scaling guidance?

* ​AWS Support Concierge Service
* Infrastructure Event Management
* AWS Support API
* AWS Personal Health Dashboard

Current Ans: B

**Question 26:** Which of the following must an IAM user provide to interact with AWS services using the AWS Command Line Interface (AWS CLI)?

* Username and password
* User ID
* Secret token
* Access keys

Current Ans: D

**Question 27:** Which of the following are examples of AWS-Managed Services, where AWS is responsible for the operational and maintenance burdens of running the service?

* Amazon Elastic Compute Cloud
* Amazon DynamoDB
* AWS IAM
* Amazon VPC

Current Ans: B

**Question 28:** Which of the following is NOT correct regarding Amazon EC2 On-demand instances?

* With on-demand instances, no longer-term commitments or upfront payments are needed
* You have to pay a start-up fee when launching a new instance for the first time
* When using on-demand Linux instances, you are charged per second based on an hourly rate
* The on-demand instances follow the AWS pay-as-you-go pricing model

Current Ans: B

**Question 29:** You have AWS Basic support, and you have discovered that some AWS resources are being used maliciously, and those resources could potentially compromise your data. What should you do?

* Contact the AWS Customer Service team
* Contact the AWS Concierge team
* Contact the AWS Security team
* Contact the AWS Abuse team

Current Ans: D

**Question 30:** Which of the following can be described as a global content delivery network (CDN) service?

* AWS VPN
* Amazon CloudFront
* AWS Direct Connect
* AWS Regions

Current Ans: B

**Question 31:** What does AWS Snowball provide?

* Secure transfer of large amounts of data into and out of the AWS Cloud
* A catalog of third-party software solutions that customers need to build solutions and run their businesses
* An Exabyte-scale data transfer service that allows you to move extremely large amounts of data to AWS
* A hybrid cloud storage between on-premises environments and the AWS Cloud

Current Ans: A

**Question 32:** Hundreds of thousands of DDoS attacks are recorded every month worldwide. What service does AWS provide to help protect AWS Customers from these attacks?

* AWS Config
* AWS WAF
* AWS KMS
* Amazon Cognito

Current Ans: B

**Question 33:** A company is planning to host an educational website on AWS. Their video courses will be streamed all around the world. Which of the following AWS services will help achieve high transfer speeds?

* Amazon CloudFront
* Amazon Kinesis Video Streams
* Amazon SNS
* AWS CloudFormation

Current Ans: A

**Question 34:** A company has moved to AWS recently. Which of the following AWS Services will help ensure that they have the proper security settings?

* AWS Trusted Advisor
* Concierge Support Team
* Amazon SNS
* Amazon CloudWatch

Current Ans: A

**Question 35:** A company is concerned that they are spending money on underutilized compute resources in AWS. Which AWS feature will help ensure that their applications are automatically adding/removing EC2 compute capacity to closely match the required demand?

* AWS Budgets
* AWS Auto Scaling
* AWS Elastic Load Balancer
* AWS Cost Explorer

Current Ans: B

**Question 36:** As part of the Enterprise support plan, who is the primary point of contact for ongoing support needs?

* TAM
* IAM
* EFS
* IEM

Current Ans: A

**Question 37:** In order to implement best practices when dealing with a “Single Point of Failure,” you should attempt to build as much automation as possible in both detecting and reacting to failure. Which of the following AWS services would help?

* Amazon EC2
* ELB
* ECR
* Amazon Athena

Current Ans: B

**Question 38:** Which of the following is an example of horizontal scaling in the AWS Cloud?

* Replacing an existing EC2 instance with a larger, more powerful one
* Adding more RAM capacity to an EC2 instance
* Adding more EC2 instances of the same size to handle an increase in traffic
* Increasing the compute capacity of a single EC2 instance to address the growing demands of an application

Current Ans: C

**Question 39:** A developer is planning to build a two-tier web application that has a MySQL database layer. Which of the following AWS database services would provide automated backups for the application?

* Amazon DocumentDB
* A MySQL database installed on an EC2 instance
* Amazon DynamoDB
* Amazon Aurora

Current Ans: D

**Question 40:** An organization has decided to reserve EC2 compute capacity for three years in order to reduce costs. It is possible that the application workloads could change during the reservation time period. What is the EC2 Reserved Instance (RI) type that will allo

* Elastic RIs
* ​Convertible RIs
* Standard RIs
* Scheduled RIs

Current Ans: B

**Question 41:** Which of the below option is related to the reliability of AWS? ​

* All AWS services are considered Global Services, and this design helps customers serve their international users
* Automatically provisioning new resources to meet demand
* Providing compensation to customers if issues occur
* Applying the principle of least privilege to all of its resources

Current Ans: B

**Question 42:** Which of the following helps a customer view the Amazon EC2 billing activity for the past month?

* AWS Cost & Usage Reports
* AWS Systems Manager
* AWS Budgets
* AWS Pricing Calculator

Current Ans: A

**Question 43:** Which service is used to ensure that messages between software components are not lost if one or more components fail?

* Amazon Connect
* Amazon SES
* AWS Direct Connect
* Amazon SQS

Current Ans: D

**Question 44:** What is the AWS service that provides a virtual network dedicated to your AWS account?

* Amazon VPC
* AWS VPN
* AWS Subnets
* AWS Dedicated Hosts

Current Ans: A

**Question 45:** You work as an on-premises MySQL DBA. The work of database configuration, backups, patching, and DR can be time-consuming and repetitive. Your company has decided to migrate to the AWS Cloud. Which of the following can help save time on database maintenan

* ​Amazon Redshift
* Amazon DynamoDB
* Amazon RDS
* Amazon CloudWatch

Current Ans: C

**Question 46:** You want to run a questionnaire application for only one day (without interruption), which Amazon EC2 purchase option should you use?​

* Reserved instances
* Spot instances
* On-demand instances
* Dedicated instances

Current Ans: C

**Question 47:** What is the AWS feature that provides an additional level of security above the default authentication mechanism of usernames and passwords?

* AWS MFA
* AWS KMS
* Encrypted keys
* Email verification

Current Ans: A

**Question 48:** What does the AWS Personal Health Dashboard provide?

* Recommendations for Cost Optimization
* Detailed troubleshooting guidance to address AWS events impacting your resources
* Published information about the current status and availability of all AWS services
* A dashboard detailing vulnerabilities in your applications

Current Ans: B

**Question 49:** A Japanese company hosts their applications on Amazon EC2 instances in the Tokyo Region. The company has opened new branches in the United States, and the US users are complaining of high latency. What can the company do to reduce latency for the users in

* Applying the Amazon Connect latency-based routing policy
* Registering a new US domain name to serve the users in the US
* Deploying new Amazon EC2 instances in a Region located in the US
* Building a new data center in the US and implementing a hybrid model

Current Ans: C

**Question 50:** What do you gain from setting up consolidated billing for five different AWS accounts under another master account?

* Each AWS account gets six times the free-tier services capacity
* AWS services’ costs will be reduced to half the original price
* Each AWS account gets volume discounts
* The consolidated billing feature is just for organizational purposes

Current Ans: C

**Question 51:** According to the AWS Acceptable Use Policy, which of the following statements is true regarding penetration testing of EC2 instances?

* The AWS customers are only allowed to perform penetration testing on services managed by AWS
* Penetration testing is not allowed in AWS
* Penetration testing can be performed by the customer on their own instances without prior authorization from AWS
* Penetration testing is performed automatically by AWS to determine vulnerabilities in your AWS infrastructure

Current Ans: C

**Question 52:** A company has developed an eCommerce web application in AWS. What should they do to ensure that the application has the highest level of availability?

* ​Deploy the application across multiple VPC’s and subnets
* Deploy the application across multiple Regions and Availability Zones
* Deploy the application across multiple Availability Zones and subnets
* Deploy the application across multiple Availability Zones and Edge locations

Current Ans: B

**Question 53:** Which statement is true regarding the AWS Shared Responsibility Model?

* Security of the managed services is the responsibility of the customer
* Patching the guest OS is always the responsibility of AWS
* Responsibilities vary depending on the services used
* Security of the IaaS services is the responsibility of AWS

Current Ans: C

**Question 54:** Which of the following services allows customers to manage their agreements with AWS?

* AWS Systems Manager
* AWS Artifact
* AWS Certificate Manager
* AWS Organizations

Current Ans: B

**Question 55:** What is the advantage of the AWS-recommended practice of "decoupling" applications?

* Allows tracking of any API call made to any AWS service
* Reduces inter-dependencies so that failures do not impact other components of the application
* Allows updates of any monolithic application quickly and easily
* Allows treating an application as a single, cohesive unit

Current Ans: B

**Question 56:** An organization has a large number of technical employees who operate their AWS Cloud infrastructure. What does AWS provide to help organize them into teams and then assign the appropriate permissions for each team?

* IAM Groups
* IAM users
* IAM roles
* AWS Organizations

Current Ans: A

**Question 57:** You have noticed that several critical Amazon EC2 instances have been terminated. Which of the following AWS services would help you determine who took this action?

* AWS CloudTrail
* AWS Trusted Advisor
* EC2 Instance Usage Report
* Amazon Inspector

Current Ans: A

**Question 58:** A company has an AWS Enterprise Support plan. They want quick and efficient guidance with their billing and account inquiries. Which of the following should the company use?

* AWS Operations Support
* AWS Personal Health Dashboard
* ​AWS Direct Connect
* ​AWS Support Concierge

Current Ans: D

**Question 59:** What should you do in order to keep the data on EBS volumes safe?

* ​Regularly update firmware on EBS devices
* ​Ensure that EBS data is encrypted at rest
* Store a backup daily in an external drive
* Prevent any unauthorized access to AWS data centers

Current Ans: B

**Question 60:** One of the most important AWS best-practices to follow is the cloud architecture principle of elasticity. How does this principle improve your architecture’s design?

* By automatically scaling your AWS resources using an Elastic Load Balancer
* By automatically provisioning the required AWS resources based on changes in demand
* By automatically scaling your on-premises resources based on changes in demand
* By reducing interdependencies between application components wherever possible

Current Ans: B

**Question 61:** What does AWS provide to deploy popular technologies - such as IBM MQ - on AWS with the least amount of effort and time?

* AWS Quick Start reference deployments
* AWS OpsWorks
* Amazon Aurora
* Amazon CloudWatch

Current Ans: A

**Question 62:** A company is deploying a new two-tier web application in AWS. Where should the most frequently accessed data be stored so that the application’s response time is optimal?

* AWS Storage Gateway
* AWS OpsWorks
* Amazon ElastiCache
* Amazon EBS volume

Current Ans: C

**Question 63:** What is the AWS service that enables AWS architects to manage infrastructure as code?

* ​Amazon SES
* Amazon EMR
* AWS CloudFormation
* AWS Config

Current Ans: C

**Question 64:** What is the AWS database service that allows you to upload data structured in key-value format?

* ​Amazon RDS
* Amazon DynamoDB
* Amazon Redshift
* Amazon Aurora

Current Ans: B

**Question 65:** You are working on a project that involves creating thumbnails of millions of images. Consistent uptime is not an issue, and continuous processing is not required. Which EC2 buying option would be the most cost-effective?

* ​Reserved Instances
* Dedicated Instances
* On-demand Instances
* Spot Instances

Current Ans: D

**Question 66:** Which of the following is equivalent to a user name and password and is used to authenticate your programmatic access to AWS services and APIs?

* ​Access Keys
* Key pairs
* ​Instance Password
* ​MFA

Current Ans: A

**Question 67:** What is the AWS service\feature that takes advantage of Amazon CloudFront’s globally distributed edge locations to transfer files to S3 with higher upload speeds?

* ​AWS Snowmobile
* ​AWS WAF
* ​S3 Transfer Acceleration
* ​AWS Snowball

Current Ans: C

**Question 68:** What is the primary storage service used by Amazon RDS database instances?

* ​Amazon Glacier
* ​Amazon EFS
* Amazon S3
* ​Amazon EBS

Current Ans: D

**Question 69:** Which statement is correct with regards to AWS service limits?

* ​Each IAM user has the same service limits
* ​The Amazon Simple Email Service is responsible for sending email notifications when usage approaches a service limit
* There are no service limits on AWS
* You can contact AWS support to increase the service limits

Current Ans: D

**Question 70:** customer responsibilities?

* ​Performing backups
* ​Managing the database settings
* ​Patching the database software
* ​Installing the database software

Current Ans: B

**Question 71:** Using Amazon EC2 falls under which of the following cloud computing models?

* ​SaaS
* ​PaaS
* ​IaaS
* ​IaaS & SaaS

Current Ans: C

**Question 72:** What is advantages of using Cloud Computing over using traditional data centers?

* Virtualized compute resources
* Dedicated hosting
* ​Eliminating Single Points of Failure (SPOFs)
* ​Reserved Compute capacity​

Current Ans: C

**Question 73:** Under the Shared Responsibility Model, which of the following controls do customers fully inherit from AWS?

​Awareness & Training

* ​Environmental controls
* ​Physical controls
* ​Database controls
* B and C

Current Ans: D

**Question 74:** Which of the following AWS offerings is a MySQL-compatible relational database that can scale capacity automatically based on demand?

* RDS PostgreSQL
* ​Amazon Neptune
* ​RDS Microsoft SQL Server
* ​Amazon Aurora

Current Ans: D

**Question 75:** Which of the following procedures will help reduce your Amazon S3 costs?

* ​Move all the data stored in S3 standard to EBS
* Use the Import/Export feature to move old files automatically to Amazon Glacier
* ​Use the right combination of storage classes based on different use cases
* ​Pick the right Availability Zone for your S3 bucket

Current Ans: C

**Question 76:** What is the AWS service that provides you the highest level of control over the underlying virtual infrastructure?

* ​Amazon RDS
* ​Amazon DynamoDB
* ​Amazon EC2
* ​Amazon Redshift

Current Ans: C

**Question 77:** What is the AWS data warehouse service that supports a high level of query performance on large amounts of datasets?

* ​Amazon Redshift
* ​Amazon RDS
* Amazon Kinesis
* ​Amazon DynamoDB

Current Ans: A

**Question 78:** Which of the following AWS service can be used as a compute resource?

* Amazon VPC
* ​Amazon S3
* ​Amazon EC2
* ​Amazon CloudWatch

Current Ans: C

**Question 79:** Which of the following AWS services is free to use?

* Route53
* AutoScaling
* ​CloudWatch
* ​Amazon EC2

Current Ans: B

**Question 80:** What are the AWS service\feature that can help you maintain a highly available and fault-tolerant architecture in AWS?

* ​Amazon EC2 Auto Scaling
* ​CloudFormation
* ​AWS Direct Connect
* ​Network ACLs

Current Ans: A

**Question 81:** Which of the following EC2 instance purchasing options supports the Bring Your Own License (BYOL) model for almost every BYOL scenario?

* ​Reserved Instances
* ​Dedicated Instances
* ​On-demand Instances
* ​Dedicated Hosts

Current Ans: D

**Question 82:** Jessica is managing an e-commerce web application in AWS. The application is hosted on six EC2 instances. One day, three of the instances crashed; but none of her customers were affected. What has Jessica done correctly in this scenario?

* ​She has properly built an encrypted system
* She has properly built a scalable system
* She has properly built an elastic system
* She has properly built a fault tolerant system

Current Ans: D

**Question 83:** What does Amazon Elastic Beanstalk provide?

* ​A NoSQL database service
* A PaaS solution to automate application deployment
* A compute engine for Amazon ECS
* ​A scalable file storage solution for use with AWS and on-premises servers

Current Ans: B

**Question 84:** Which of the following AWS service is designed with native Multi-AZ fault tolerance in mind?

* ​Amazon DynamoDB
* Amazon Redshift
* ​Amazon EBS
* ​AWS Snowball

Current Ans: A

**Question 85:** What are the Amazon RDS feature that can be used to improve the availability of your database?

* AWS Regions
* ​Edge Locations
* ​Multi-AZ Deployment
* ​Automatic patching

Current Ans: C

**Question 86:** What does Amazon ElastiCache provide?

* ​In-memory caching for read-heavy applications
* ​An Ehcache compatible in-memory data store
* ​An online software store that allows Customers to launch pre-configured software with just few clicks
* ​A domain name system in the cloud

Current Ans: A

**Question 87:** Which of the following can help protect your EC2 instances from DDoS attacks?

* Security Groups
* ​Network Access Control Lists
* ​AWS IAM
* A and B

Current Ans: D

**Question 88:** Which of the following are important design principles you should adopt when designing systems on AWS?

* ​Automate wherever possible
* Treat servers as fixed resources
* Remove single points of failure
* A and D

Current Ans: D

**Question 89:** What are the change management tools that help AWS customers audit and monitor all resource changes in their AWS environment?

* ​AWS Config
* ​AWS X-Ray
* ​AWS CloudTrail
* A and C

Current Ans: D

**Question 90:** Which of the following AWS security features is associated with an EC2 instance and functions to filter incoming traffic requests?

* ​Security Groups
* VPC Flow logs
* ​AWS X-Ray
* ​NACL

Current Ans: A

**Question 91:** How are AWS customers billed for Linux-based Amazon EC2 usage?

* ​EC2 instances will be billed on one hour increments, with a minimum of one day
* ​EC2 instances will be billed on one minute increments, with a minimum of one hour
* ​EC2 instances will be billed on one second increments, with a minimum of one minute
* ​EC2 instances will be billed on one day increments, with a minimum of one month

Current Ans: C

**Question 92:** What is the connectivity option that can be used to build hybrid cloud architectures?

* ​AWS Artifact
* ​AWS Cloud9
* ​AWS Direct Connect
* ​AWS CloudTrail

Current Ans: C

**Question 93:** ​What is the AWS service that performs automated network assessments of Amazon EC2 instances to check for vulnerabilities?

* Amazon Kinesis
* ​Amazon Inspector
* ​AWS Network Access Control Lists
* ​Security groups

Current Ans: B

**Question 94:** Which statement best describes the operational excellence pillar of the AWS Well-Architected Framework?

* The ability of a system to recover gracefully from failure
* The efficient use of computing resources to meet requirements
* The ability to manage datacenter operations more efficiently
* ​The ability to monitor systems and improve supporting processes and procedures

Current Ans: D

**Question 95:** Which of the following services can help protect your web applications from SQL injection and other vulnerabilities in your application code?

* ​Amazon Cognito
* ​AWS WAF
* ​Amazon Aurora
* ​AWS IAM

Current Ans: B

**Question 96:** What is the AWS serverless service that allows you to run your applications without any administrative burden?

* ​AWS Lambda
* Amazon RDS instances
* Amazon EC2 instances
* ​Amazon LightSail

Current Ans: A

**Question 97:** Sarah has deployed an application in the Northern California (us-west-1) region. After examining the application’s traffic, she notices that about 30% of the traffic is coming from Asia. What can she do to reduce latency for the users in Asia?

* ​Replicate the current resources across multiple Availability Zones within the same region
* ​Create a CDN using CloudFront, so that content is cached at Edge Locations close to and in Asia
* ​Recreate the website content
* Migrate the application to a hosting provider in Asia

Current Ans: B

**Question 98:** A company is developing a new application using a microservices framework. The new application is having performance and latency issues. Which AWS Service should be used to troubleshoot these issues?

* ​Amazon Inspector
* AWS CloudTrail
* ​AWS CodePipeline
* ​AWS X-Ray

Current Ans: D

**Question 99:** An organization needs to analyze and process a large number of data sets. Which AWS service should they use?

* ​Amazon SNS
* ​Amazon SQS
* ​Amazon EMR
* ​Amazon MQ

Current Ans: C

**Question 100:** Which of the below is a best-practice when building applications on AWS?

* Decouple the components of the application so that they run independently
* Use IAM policies to maintain performance
* ​Ensure that the application runs on hardware from trusted vendors
* ​Strengthen physical security by applying the principle of least privilege

Current Ans: A