1. Which feature of the AWS Cloud will support an international company’s requirement for low latency to all of its customers?
2. Fault Tolerance
3. **Global Reach**
4. Pay-as-you-go pricing
5. High availability
6. Which AWS services should be used for read/write of constantly changing data?(Choose Two)
7. Amazon Lacier
8. **Amazon RDS**
9. AWS Snowball
10. Amazon Redshift
11. **Amazon EFS**
12. What is one of the advantages of the Amazon Relational Database Service(Amazon RDS)
13. **It simplifies relational database administration tasks**
14. It Provides 99.999999999999% reliability and durability
15. It automatically scales databases for loads
16. It enabled users to dynamically adjust CPU and RAM resources
17. A customer needs to run a MySQL database that easily Scales. Which AWS service should they use
18. **Amazon Aurora**
19. Amazon Redshift
20. Amazon DynamoDB
21. Amazon Elastic Cache
22. Which of the following components of the AWS Global infrastructure consists of one or more discrete data centres interconnected through low latency links
23. **Availability Zone**
24. Edge Location
25. Region
26. Private Networking
27. Which of the following is a shared control between the customer and AWS?
28. Providing a key for Amazon S3 Client – Side encryption
29. Configuration of an Amazon EC2 instance
30. Environmental controls of physical AWS data centres
31. **Awareness and training.**
32. How many Availability zones should compute resources be provisioned across to achieve high availability?
33. A minimum of one
34. **A minimum of two**
35. A minimum of three
36. A minimum of four or more
37. One of the advantages to moving infrastructure from an on-premises data centre to the AWS cloud is
38. It allows the business to eliminate IT bills
39. It allows the business to put a server in each customer’s data centre
40. **It allows the business to focus on business activities**
41. It allows the business to leave servers unpatched.
42. What is the lowest-cost, durable storage option for retaining database backups for immediate retrieval
43. **Amazon S3**
44. Amazon Glacier
45. Amazon EBS
46. Amazon EC2 Instance Store
47. Which of the following is a fast and reliable NoSQL database service
48. Amazon Redshift
49. Amazon RDS
50. **Amazon DynamoDB**
51. Amazon S3
52. What is an example of agility in the AWS cloud
53. Access to multiple instance types
54. Access to managed services
55. Using Consolidated Billing to Produce one Bill
56. **Decreased acquisition time for new compute resources**
57. Which service should a customer use to consolidate and centrally manage multiple AWS accounts?
58. AWS IAM
59. **AWS Organizations**
60. AWS Schema Conversion Tool
61. AWS Config.
62. What approach to transcoding a large number of individual video files adheres to AWS architecture principles.
63. **Using many instances in parallel**
64. Using a single large instance during off-pean hours
65. Using dedicated hardware
66. Using a large GPU instance type
67. For which auditing process does AWS sole responsibility
68. AWS IAM policies
69. **Physical Security**
70. Amazon S3 bucket Policies
71. AWS CloudTrail Logs
72. Which of the following is the customer’s responsibility under the AWS shared responsibility model?
73. Patching underlying infrastructure
74. Physical Security
75. **Patching Amazon EC2 instances**
76. Patching network infrastructure
77. A customer is using multiple AWS account with separate billing. How can the customer take advantage of volume discounts with minimal impact to the AWS resources
78. Create one global AWS account and move all AWS resources to the account
79. Sign up for three years reserved instance pricing upfront
80. **Use the consolidated billing feature from AWS organizations**
81. Sign up for the AWS enterprise support plan to get volume discounts.
82. Which of the following are features of Amazon CloudWatch logs(Choose Two).
83. Summarises by Amazon Simple Notifications Service(Amazon SNS)
84. Free Amazon Elasticsearch service Analytics
85. Provided at no Charge
86. **Real-Time monitoring**
87. **Adjustable retention**
88. Which of the following is an AWS managed domain Name System(DNS) web service?
89. **Amazon Route 53**
90. Amazon Neptune
91. Amazon SageMaker
92. Amazon Lightsail
93. A customer is deploying a new application and needs to choose an AWS region. Which of the following factors could influence the customer’s decision(Choose Two)
94. **Reduced latency to users**
95. The application’s presentation in the local language
96. **Data sovereignty compliance**
97. Cooling costs in hotter climates
98. Proximity to the customer’s office for on-site visits
99. Which storage service can be used as a low-cost option for hosting static websites
100. Amazon Glacier
101. Amazon DynamoDB
102. Amazon Elastic File System(Amazon EFS)
103. **Amazon Simple Storage Service(Amazon S3)**
104. Which Amazon EC2 instance pricing model can provide discounts of up to 90%
105. Reserved Instances
106. On-demand
107. Dedicated Hosts
108. **Spot Instances**
109. Web servers running on Amazon EC2 access a legacy application running in a corporate data center. What term would describe this model
110. Cloud-native
111. Partner network
112. **Hybrid architecture**
113. Infrastructure as a service
114. What is the benefit of using AWS-managed services, such as Amazon ElastiCache and Amazon relational Database Services(Amazon RDS)
115. They require the customer to monitor and replace failing instances
116. **They have better performance than customer-managed services**
117. They simplify patching and updating underlying OSs
118. They do not require the customer to optimize instance type or size selections.
119. Which service provides a virtually unlimited amount of online highly durable object Storage
120. Amazon Redshift
121. Amazon Elastic File System (Amazon EFS)
122. Amazon Elastic Container Services (Amazon ECS)
123. **Amazon S3**
124. Which of the following identify and Access Management (IAM) entities is associated with an access key ID and secret access key when using AWS command Line Interface (AWS CLI)
125. IAM group
126. **IAM user**
127. IAM role
128. IAM Policy
129. Which of the following security-related services does AWS offer (Choose two)
130. Multi-factor authentication Physical tokens
131. **AWS trusted Advisor security checks**
132. **Data encryption**
133. Automated penetration testing
134. Amazon S2 copyrighted content detection.
135. Which AWS managed service is used to host databases
136. AWS Batch
137. AWS Artifact
138. AWS Data pipeline
139. **Amazon RDS**
140. Which AWS Service Provides a simple and scalable shared file storage solution for use with Linux-based AWS and on premises servers
141. Amazon S3
142. Amazon Glacier
143. Amazon EBS
144. **Amazon EFS**
145. When architecting cloud applications, which of the following are a key design Principle?
146. Use the largest instance possible
147. Provision Capacity for a peak load
148. Use the Scrum development process
149. **Implement elasticity.**
150. Which AWS service should be used for long-term, low-cost storage of data backups
151. Amazon RDS
152. **Amazon Glacier**
153. AWS Snowball
154. AWS EBS
155. Under the shared responsibility model, which of the following is a shared control between a customer and AWS
156. Physical Controls
157. **Patch Management**
158. Zone Security
159. Data Centre auditing
160. Which AWS service allows companies to connect an Amazon VPC to an on-premises data Centre
161. AWS VPN
162. Amazon Redshift
163. API Gateway
164. **Amazon Direct Connect**
165. A Company want to reduce the physical compute footprint that developers use to run code. Which service would meet the need by enabling serverless architectures?
166. Amazon Elastic Compute Cloud(Amazon EC2)
167. **AWS Lambda**
168. Amazon DynamoDB
169. AWS Code Commit
170. Which task is AWS responsible for in the shared responsibility for security and compliance?
171. Granting Access to individuals and services
172. Encrypting data in transit
173. **Updating Amazon EC2 host firmware**
174. Updating Operating System
175. Where should a company go to search software listing from independent software vendors to find, test, buy and deploy software that runs on AWS?
176. **AWS marketplace**
177. Amazon Lumberyard
178. AWS Artifact
179. Amazon CloudSearch
180. Which of the following is a benefit of using AWS cloud?
181. Permissive security removes the administrative burden
182. **Ability to focus on revenue-generating activities**
183. Control over cloud network hardware
184. Choice of specific cloud hardware vendors.
185. When performing a cost analysis that supports physical isolation of a customer workload, which compute hosting model should be accounted for in the Total Cost of Ownership(TCO)
186. **Dedicated Hosts**
187. Reserved Instances
188. On-demand instances
189. No Upfront Reserved Instances
190. Which AWS service provided the ability to manage infrastructure as a code
191. AWS CodePipeline
192. AWS Code Deploy
193. AWS Direct Connect
194. **AWS Cloudformation**
195. If a customer needs to audit the change management of AWS resources, which of the following AWS services should the customer use?
196. **AWS Config**
197. AWS Trusted Advisor
198. Amazon CloudWatch
199. Amazon Inspector
200. Which service allows a company with multiple AWS accounts to combine its usage to obtain volume discounts
201. AWS Server migration Service
202. **AWS organizations**
203. AWS Budgets
204. AWS trusted Advisor
205. Which of the following services could be used to deploy an application to servers running on-premises
206. AWS Elastic Beanstalk
207. **AWS OpsWorks**
208. **AWS CodeDeploy**
209. AWS Batch
210. AWS X-Ray.
211. Which Amazon EC2 pricing model adjusts based on supply and demand of EC2 instances

A, On-Demand Instances

B. Reserved Instances

C. **Spot Instances**

D. Convertible Reserved Instances.

1. Which design principles for Cloud architecture are recommended when re-architecting a large monolithic application(Choose two)
2. Use manual monitoring
3. Use fixed servers
4. **Implement loose coupling**
5. Rely on individual components
6. **Design for scalability.**
7. Which is the MINIMUM AWS support plan that allows for one-hour target response time for support cases.
8. Enterprise
9. **Business**
10. Developer
11. Basic
12. Where can AWS compliance and certification reports be downloaded
13. **AWS Artifact**
14. AWS Concierge
15. AWS Certificate Manager
16. AWS Trusted Advisor
17. Which of the following is an advantage of consolidated billing on AWS
18. **Volume Pricing qualification**
19. Shared access permissions
20. Multiple bills per account
21. Eliminates the need of tagging.
22. Which of the following AWS features enables a user to launch a pre-configured Amazon Elastic Compute Cloud(Amazon EC2) instance?
23. Amazon Elastic Block store(Amazon EBS)
24. **Amazon Machine Image**
25. Amazon EC2 systems Manager
26. Amazon AppStream2.0
27. How would an AWS customer easily apply common access controls to a large set of users
28. **Apply an IAM policy to an IAM group**
29. Apply an IAM policy to an IAM role
30. Apply the same IAM policy to all IAM users with access to the same workload
31. Apply an IAM policy to an amazon Cognito user pool
32. What technology enables compute capacity to adjust as load changes
33. Load Balancing
34. Automatic Failover
35. Round Robin
36. **Auto Scaling**
37. Which AWS services are defined as a global instead of regional (Choose two)
38. **Amazon Route 53**
39. Amazon EC2
40. Amazon S3
41. **Amazon Cloudfront**
42. Amazon DynamoDB
43. Which AWS service would you use to obtain compliance reports and certificates
44. **AWS Artifact**
45. AWS Lambda
46. Amazon Inspector
47. AWS Certificate Manager
48. Under the shared responsibility model, which of the following tasks are the responsibility of the AWS customer (Choose two)
49. **Ensuring that application data is encrypted at rest**
50. Ensuring that AWS NTP servers are set to the correct time
51. **Ensuring that users have received security training in the use of AWS services**
52. Ensuring that access to data centres is restricted
53. Ensuring that hardware is disposed of properly.
54. Which AWS service can be used to manually launch instances based on resource requirements.
55. Amazon EBS
56. Amazon S3
57. **Amazon EC2**
58. Amazon ECS
59. A Company is migrating an application that is running non-interruptible workloads for a three-year time frame. Which pricing construct would provide the MOST cost effective solutions.

A, Amazon EC2 spot Instances

B. Amazon EC2 dedicated instances

c. Amazon EC2 on demand Instances

D. **Amazon EC2 reserved Instances.**

1. The Financial benefits of using AWS are (choose two)
2. **Reduced Total Cost of Ownership(TCO)**
3. Increased capital expenditure(capex)
4. **Reduced operational expenditure(opex)**
5. Deferred payment plans for startups
6. Business credit lines for startups.
7. Which AWS cost management tool allows you to view the most granular data about your AWS bill
8. AWS Cost Explorer
9. AWS Budgets
10. **AWS Cost and Usage Report**
11. AWS Billing Dashboards
12. Which of the following can an AWS customer use to launch a new Amazon Relational Database Service(Amazon RDS) Cluster? Choose Two
13. AWS Concierge
14. **AWS Cloudformation**
15. Amazon Simple Storage Service(Amazon S3)
16. Amazon EC2 Auto Scaling
17. **AWS Management Console**
18. Which of the following is an AWS cloud architecture design principle
19. Implement single point of failure
20. **Implement loose coupling**
21. Implement monolithic design
22. Implement vertical scaling
23. Which of the following security measures protect access to AWS account? (Choose Two)
24. Enable AWS coludtrail
25. **Grant least privilege access to IAM users**
26. Create one IAM user and share with many developers and users.
27. Enable Amazon Cloudfront
28. **Activate multi factor authentication(MFA) to privileged uses.**
29. Which service provides a hybrid storage service that enables on premises application to seamlessly use cloud storage.
30. Amazon Glacier
31. AWS Snowball
32. **AWS Storage Gateway**
33. Amazon Elastic Block Storage (Amazon EBS)