1. For Amazon EC2 difficulties, you much check the cloud-init and cfn logs when troubleshooting AWS Cloud Formation

Determine a director in which these logs will be stored.

1. /var/opt/log/ec2
2. /var/log/lastlog
3. **/var/log**/
4. /var/log/ec2
5. Polling an Amazon SQS queue and updating entries in an Amazon DynamoDB database is accomplished using a fleet of Amazon ECS instances. The table is not being updated, and the SQS queue is rapidly rowing. Wen trying to update the table, Amazon CloudWatch Logs consistently display 400 failures. The supplied write capacity units are set adequately, and there is no throttling
6. The ECS service was deleted
7. The ECS configuration does not contain an Auto Scaling group
8. The ECS instance task executing IAM role was modified
9. **The ECS task role was modified**.
10. A user is attempting to construct a vault in Amazon Web Services Glacier. The user desires notification enablement. Which of the following setting allows the user to activate AWS console notifications
11. Glacier does not support the AWS console
12. Archival Upload complete
13. Vault upload job Complete
14. **Vault Inventory Retrieval Job Complete.**
15. Which of the following procedures is not available using the DynamoDB console
16. Updating an Item
17. Copying an Item
18. **Blocking an Item**
19. Deleting an Item
20. Using the VPC wizard, a user constructed a VPC using CIDR 20.0.0.0/16. To connect to the users’ data centre, the user has built public and VPN-only subnets, as well as hardware VPN access. The user has not yet started any instances or edited or removed any configurations. He wants to erase this virtual private cloud from the console. Is it possible for the user to erase the VPC from the console?
21. **Yes the user can detach the virtual private gateway and then use the VPC console to delete the VPC**
22. No, since the NAT instance is running, the user cannot delete the VPC
23. Yes, the user can use the CLI to delete the VPC that will detach the virtual private gateway automatically
24. No, the VPC console needs to be accessed using an administrator account to delete the VPC.
25. What does an AWS data pipeline end the computing resources maintained by the AWS data pipeline?
26. AWS data pipeline terminates AWS data Pipeline-managed compute resources every 2 hours
27. When the final activity that uses the resources is running
28. AWS data pipeline terminates AWS data Pipeline-managed Compute resources every 12 hours
29. **When the final activity that uses the resources has completed successfully or failed.**
30. A data analytics organization has numerous reserved nodes in an Amazon Redshift cluster. Due to the fact that a team of workers is generating a details audit analysis report, the cluster is experiencing unexpected bursts of consumption. The report’s queries are complicated read queries that are CPU heavy. Business need necessitate that the cluster must always be capable of processing read and write requests. A solutions architect must design a system that is tolerant to consumption bursts.

Which option best fits these criteria in terms of cost-effectiveness

1. Provision an Amazon EMR cluster. Offload the complex data processing tasks
2. Deploy an AWS lambda function to add capacity to the Amazon redshift cluster by using a classic resize operation when the cluster’s CPU metrics in Amazon CloudWatch reach 80%
3. Deploy an AWS Lambda function to add capacity to the Amazon Redshift cluster by using an elastic resize operation when the cluster’s CPU metrics in Amazon CloudWatch reach 80%
4. **Turn on the concurrency scaling feature for the Amazon Redshift cluster.**
5. By adding a second VPN connection, you may create redundant VPN connections and customer gateways on your network. Which of the following will guarantee that this works properly?
6. **The customer gateway IP address for the second VPN connection must be publicly accessible**
7. The virtual gateway IP address for the second VPN connection must be publicly accessible
8. The customer gateway IP address for the second VPN connection must use dynamic routes
9. The customer gateway IP address for the VPN connection must be privately accessible and be the same public IP address that you are using for the first VPN connection
10. On Amazon EC2 instances, a business an Apache Hadoop cluster. The Hadoop cluster holds around 100TB of data for a weekly operating reports and allows data scientists to access the cluster on an as-needed basis. The company’s expense and operational complexity associated with storing and providing this data must be reduced. Which solution satisfies these needs the MOST cheaply?
11. Move the Hadoop Cluster from EC2 instances to Amazon EMR. Allow data access patterns to remain the same
12. Write a script that resizes the EC2 instances to a smaller instance type during downtime and resizes the instances to a larger instance type before the reports are created
13. **Move the data to Amazon S3 and use Amazon Athena to query the data for reports. Allow the data scientists to access the data directly in Amazon S3.**
14. Migrate the data to Amazon DynamoDB and modify the reports to fetch data from DynamoDB. Allow the data scientists to access the data directly in DynamoDB.
15. Which statement concerning accessing a distant AWA region in the United States using your US-based AWS direct connect is not true?
16. AWS direct connect locations in the United States can access public resources in any US region
17. You can use a single AWS direct connect connection to build multi-region services
18. **Any Data transfer out of remote region is billed at the location of your AWS direct connect data transfer rate.**
19. To connect to a VPC in a remote region, you can use a virtual private network(VPN) connection over your public virtual interface.
20. What is the maximum amount of data points that a user may provide in a PutMetricRequest in CloudWatch for an HTTP data request?
21. 30
22. 50
23. 10
24. **20**
25. A user is attempting to create a PIOPS volume. What is the maximum PIPOS-to-volume-size ratio that the user should configure?
26. 5
27. 10
28. 20
29. **50**
30. An business wishes to expand its data centre by connecting it through the VPN gateway to the AWS VPC. The organization is establishing a VPN connection that is dynamically routed. Which of the following responses is not necessary for this configuration to be set up?
31. The Type of customer gateway, such as Cisco ASA, Juniper J-series, Juniper SSG, Yamaha
32. **Elastic IP ranges that the organisation wants to advertise over the VPN connection to the VPC**
33. Internet-routable IP address(static) of the customer gateway’s external interface
34. Border Gateway Protocol (BGP) autonomous system Number (ASN) of the customer gateway.
35. A business must operate software that is licensed to be executed on a single physical host for the length of it usage. The software package will be utilized for a period of 90 days. Every 30 days, the organization demands that all instances be patched and restarted. How may AWS be used to meet these requirements?

A. Run a dedicated instance with auto-placement disabled.

B. **Run the instance on a dedicated host with host affinity set to host**

C. Run an on-demand instance with a reserved instance to ensure consistent placement

D. Run the instance on a licensed host with termination set for 90 days.

1. You are creating an IAM policy and want to establish permissions for a role. Which of the configuration formats listed below should you use?
2. An XML document written in the IAM policy language
3. An XML document written in language of your choice
4. **A JASON document written in the IAM policy language**
5. JASON document written in a language of you choice
6. The access policy and the trust policy are the two policies that you may associate with an IAM job. By adding the \_\_\_\_\_\_\_\_\_\_\_\_action to the AWS Lambda account principal the trust policy specifies who may take the position and authorizes authorization in the AWS lambda account principle?
7. Aws: AssumeAdmin
8. LAMBDA: invokeAsync
9. Sts:InvokeAsync
10. **Sts:AssumeRole**
11. Ec2ifscan is one of the components of ec2-net-utils that is used with ENI’s. Which of the following statements regarding ec2-net-utils is incorrect?
12. ec2-net-utils generates an interface configuration files suitable for use with DHCP.
13. ec2-net-utils extends the functionality of the standard if up
14. **ec2-net-utils detaches a primary network interface from an instance**
15. ec2-net-utils identifies network interfaces when they are attached, detached, or reattached to a running instance.
16. On a fleet of Amazon EC2 instances, a business is implementing a distributed in-memory database. A central node and eight worker nodes comprise the fleet. The main node is responsible for monitoring the cluster’s health, taking user requests, distributing them among worker nodes, and responding to the client with an aggregate answer. To duplicate data partitions, worker nodes interact with one another. To ensure optimal performance, the organization demands the lowest possible network latency. Which solution will satisfy these criteria
17. Launch memory optimized EC2 instances in a partition placement group
18. Launch compute optimized EC2 instances in a partition placement group
19. **Launch memory optimized EC2 instances in a cluster placement group**
20. Launch compute optimized EC2 instances in a spread placement group
21. You’ve deployed a sizable quantity of network gear on AWS and now need to consider monitoring it all. You determine that CloudWatch is the greatest match for your requirements, but you are unclear about CloudWatch’s price structure and limits. Which of the following claims about CloudWatch’s limitations is TRUE?
22. **You got 10 CloudWatch metrics, 10 alarms, 1,000,000 API requests, and 1,000 Amazon SNS email notifications per customer per month for free.**
23. You got 100 CloudWatch metrics, 100 alarms, 10,000,000 API requests, and 10,000 Amazon SNS email notifications per customer per month for free.
24. You got 10 CloudWatch metrics, 10 alarms, 1,000 API requests, and 100 Amazon SNS email notifications er customer per month of free.
25. You got 100 CloudWatch metrics, 100 alarms, 1,000,000 API requests, and 10,000 Amazon SNS email notifications er customer per month of free.
26. When creating an AMI or starting a new instance on Amazon Elastic Compute Cloud, you may define storage volumes in addition to the root device volume using \_\_\_\_\_\_\_\_ ?
27. **Block device mapping**
28. Object mapping
29. Batch storage mapping
30. Datacentre mapping.
31. Which of the following features in DynamoDB enables you to trigger alerts when a statistic reaches a preset threshold?
32. Alarm Signal
33. DynamoDB Analyzer
34. **CloudWatch**
35. DynamoDBALARM
36. Which of the following parameters does Amazon not charge you for in relation to DynamoDB
37. Storage Cost
38. **I/O usage within the same Region**
39. Cost per Provisioned read Units
40. Cost per Provisioned write units
41. With the AWS Simple Notification Service, a user has enabled through CloudWatch monitoring. Which of the following statements aids the user in comprehending through monitoring?
42. SNS cannot provide data every minute
43. **SNS will send data every minute after configuration**
44. There is no need to enable it since SNS provides data every minute
45. AWS CloudWatch does not support monitoring for SNS
46. An enterprise has configured RDS using a Virtual Private Cloud(VPC). The company desires internet access to RDS. Which of the setups listed below is not necessary in the scenario?
47. **The Organization must enable the parameter in the console which makes the RDS instance publicly accessible.**
48. The Organization must allow access from the internet in the RDS VPC security group
49. The Organization must setup RDS with the subnet group which has an external IP.
50. The Organization must enable the VPC attributes DNS hostnames and DNS resolution.
51. The data is ultimately consistent in DynamoDB indicates that…………..?
52. **A read request immediately after a write operation might not show the latest change.**
53. A read request immediately after a write operation shows the latest change
54. A write request immediately after a read operation might cause data loss
55. A read request immediately after a write operation might cause data losss
56. How can you ensure that your AWS CloudFormation template is operationally Sound?
57. **To check the Operational Validity, you need to attempt to create the stack**
58. There is no way to check the operational validity of your AWS CloudFormation template
59. To Check the Operational Validity, you need a sandbox or test area for AWS CloudFormation Stacks.
60. To check the Operational Validity, you need to use the AWS CloudFormation validate-template command
61. Every 5 mintues, a corporation uploads clickstream data files to Amazon S3. Each file is processed and loaded into an Amazon RDS database using a Python script that runs as a cron job once a day on the Amazon EC2 instance. The Cron task processes 24 hours of data in 15 to 30 minutes. The data users request that the data be made accessible immediately. Which option would provide the required result?
62. Increase the size of the instance to speed up processing and update the schedule to run once an hour
63. Convert the cron job to an AWS Lambda function and trigger this new function using a cron job on an EC2 instance
64. Convert the cron job to an AWS Lambda function and schedule it to run once an hour using Amazon CloudWatch Events.
65. **Create an AWS Lambda function that runs when a file is delivered to Amazon S3 using S3 vent notifications.**
66. AS AWS AMI has been developed by a user. The user wishes for the AMI to be accessible exclusively to his buddy. How is this to be managed by the user.
67. Share the AMI with the community and setup the approval workflow before anyone launches it
68. It is not possible to share the AMI with the selected users
69. **Share the AMI with a friend’s AWS account ID**
70. Share the AMI with a friend’s AWS login in
71. What bandwidths are presently supported by AWS direct connect
72. 10Mbps and 100Mbps
73. 10Gbps and 100Gbps
74. 100Gbps and 1Gbps
75. **1Gbps and 10Gbps**
76. On-Premises storage on a Windows file server is used by a business. Daily, the firm generates 5GB of fresh data. The firm relocated a portion of its windows based workload to AWS and requires data to be accessible through a cloud file system. Between the on-premises network and AWS, the organization has already built an AWS direct connect link.
77. Use the file gateway option in AWS storage gateway to replace the existing windows file server and point the existing file share to the new file gateway.
78. **Use AWS Data Sync to schedule a daily task to replicate data between the on-premises windows file server and Amazon FSX**
79. Use AWS data pipeline to schedule a daily task to replicate data between the on-premises windows file server and amazon elastic file system (Amazon EFS)
80. Use AWS data sync to schedule a daily task to replicate data between the on-premises windows file server and Amazon Elastic File System (AmazonEFS).
81. A user has used the VPC wizard to construct a VPC with public and private subnets. CIDR 20.0.0.0/16 is assigned to the VPC. CIDR 20.0.0.0/24 is used for the private subnet. Which of the following items in the primary route table are necessary to enable communication across VPC instances?
82. Destination: 20.0.0.0/0 and Target: ALL
83. **Destination: 20.0.0.0/16 and Target: Local**
84. Destination: 20.0.0.0/24 and Target: Local
85. Destination: 20.0.0.0/16 and Target: ALL
86. The\_\_\_\_\_\_\_\_\_\_\_operation in DynamoDB may be used to get a full listing of secondary indexes on a Table?
87. BatchGetltem
88. TableName
89. **DescribeTable**
90. GetItem
91. All Amazon EC2 images must be inspected for vulnerabilities and pass a CVE assessment as part of a company’s security compliance obligations. A solutions architect working on a technique for creating developer-friendly AMI’s that are security-approved. Before developers may utilize any new AMI’s, they should undergo an automated evaluation procedure and be designated as acceptable. To guarantee compliance, authorized photos must be scanned every 30 days. Which measures should the solutions architect do in combination to achieve these criteria while adhering to best practices(Select two) ?
92. Use the AWS system Manager EC2 agent to run the CVE assessment on the EC2 instances launched from the AMIs that need to be scanned
93. **Use AWS Lambda to write automatic approval rules. Store the approved AMI list in AWS system Manager Parameter Store. Use Amazon EventBridge to trigger an AWS System Manager Automation document on all EC2 instances every 30 days.**
94. **Use Amazon Inspector to run the CVE assessment on the EC2 instances launched from the AMIs that need to be scanned**
95. Use AWS Lambda to write automatic approval rules. Store the approved AMI list in AWS systems Manager Parameter Store. Use a managed AWS config rule for continuous scanning on all EC2 instances, and use AWS systems Manager automation documents for remediation
96. Use AWS CloudTrail to run the CVE assessment on the EC2 instances launched from the AMIs that need to be scanned.
97. The user has used an EBS optimized instance to provision the PIOPS volume. In general, which I/O chunk should AWS utilize to determine the user’s bandwidth experience?
98. 128KB
99. **256KB**
100. 64KB
101. 32KB
102. Will you be able to use the standard Amazon S3 APIs to retrieve EC2 snapshots?
103. Yes, you will be able to access using S3 APIs if you have chosen the snapshot to be stored in S3
104. **No, Snapshots are only available through the Amazon EBS APIs**
105. Yes, you will be able to access them using S3 APIs as all snapshots are stored in S3
106. No, Snapshots are only available through the Amazon EC2 APIs.
107. Which status in AWS CloudFormation denotes a failure state?
108. **ROLLBACK\_IN\_PROGRESS**
109. DELETE\_IN\_PROGRESS
110. UPDATE\_COMPLETE\_CLEANUP\_IN\_PROGRESS
111. REVIEW\_IN\_PROGRESS
112. Determine a true assertion regarding user passwords in the context of AWS IAM(login Profiles)?
113. They must contain Unicode Characters
114. **They can contain any basic Latin(ASCII) characters**
115. They must begin and end with forward slash(/)
116. They cannon contain basic latis(ASCII) characters.
117. A firm maintains a publicly available application that performs RESTful API calls to a Java Based web service. It is hosted on Apache Tomcat on a single server in a data center that consistently maintains a CPU utilization of 30%. The usage of the API is expected to increase tenfold with the release of new product. The organization needs a smooth transfer of the program to AWS and the ability for the application to scale in response to demand. The company has already determined that traffic will be rerouted through Amazon route 53 and CNAME records. How can we achieve these requirements with the MINIMUM feasible effort?
118. **Create a new IAM policy that allows access to those EC2 instances only for the security team. Apply this policy to the AWS organizations master account**
119. Create a new tag based IAM Policy that allows access to these EC2 instances only for the Security team. Tag the instances appropriately and apply this policy in each account
120. Create an organizational unit under AWS organisations. Move all the accounts into this organizational unit and use SCP to apply a whitelist policy to allow access to these EC2 instances for the security team only
121. Set up SAML federation for all accounts in AWS. Configure SAML so that it checks for the service API call before authenticating the user. Block SAML from authenticating API calls if anyone other than the Security team accesses these instances.
122. AWS direct connect connects your internal network to an AWS direct connect facility through which of the following Ethernet standards?
123. **Single mode fiber-optics cable**
124. Multi mode fiber-optic cable
125. Shielded balanced copper cable
126. Twisted pair cable.
127. The Condition element is\_\_\_\_\_\_\_\_\_\_\_in the context of rules and permissions in AWS IAM?
128. Crucial while writing the IAM Policies
129. **An optional element**
130. Always set to null
131. A mandatory element
132. It is necessary for your application to reside in the VPC as the CloudHSM instance when using AWS Cloud Hardware Security Module (HSM)?
133. **No, but the server or instance on which your application and the HSM client is running must have network(IP) reachability to the HSM**
134. Yes Always
135. No, but they must reside in the same Availability Zone
136. No, but it should reside in the same Availability Zone as the DB instance
137. Which of the following configurations should be utilized when I/O speed is more essential than fault tolerance?
138. SPAN 10
139. RAID 1
140. **RAID 0**
141. NFS 1
142. As one of the AWS resource categories, AWS\_\_\_\_\_\_\_\_supports\_\_\_\_\_\_\_environments?
143. Elastic Beanstalk: Elastic Beanstalk applications
144. **CloudFormation; Elastic Beanstalk application**
145. Elastic Beanstalk; CloudFormation application
146. CloudFormation: CloudFormation application
147. Which of the following settings should the user adjust to manually scale out AWS resources using Autoscaling?
148. Current Capacity
149. **Desired Capacity**
150. Preferred Capacity
151. Maximum Capacity
152. The default cache port in Amazon ElasticCAche is?
153. For Memcached 11210 and for Redis 6380
154. For Memcached 11211 and for Redis 6380
155. For Memcached 11210 and for Redis 6379
156. **For Memcached 11211 and for Redis 6379**
157. What is quiet push notification in Amazon Cognito?
158. **It is a push message that is received by your application on a user’s device that will not be seen by the user**
159. It is a push message that is received by your application on a user’s device that will return the user’s geolocation
160. It is a push message that is received by your application on a user’s device that will not be heard by the user
161. It is a push message that is received by your application on a user’s device that will return the user’s authentication credentials.
162. Amazon ElastiCache supports which of the following cache engines?
163. **Amazon ElastiCache supports Memcached and Redis**
164. Amazon ElastiCache supports Redis and WinCache
165. Amazon ElastiCache supports Memcached and Hazelcast
166. Amazon ElastiCache supports Memcached Only.
167. A projection in DynamoDB is\_\_\_\_\_\_\_\_\_\_\_\_\_?
168. Systematic transformation of the latitudes and longitudes of the locations inside your table
169. Importing data from your file to a table
170. Exporting data from a table to your file
171. **The set of attributes that is copied from a table into a secondary index**.
172. Which of the following assertions is accurate in the context of AWS CloudFormation?
173. Actual resource names are a combination of the resource ID, stack, and logical resource name.
174. Actual resource names is the stack resource name
175. Actual resource names is the logical resource name
176. **Actual resource names are a combination of the stack and logical resource name.**
177. In AWS CloudFormation, what is a circular dependency?
178. When Nested Stacks depend on each other
179. **When Resources form a Depend on loop**
180. When a Template references an earlier version of itself
181. When a template references a region, which references the original Template
182. In two regions: us-east-1 and eu-west-1, a corporation implemented a three-tire web application. The application must be operational in both areas concurrently. The application’s database layer utilizes a single Amazon RDS Aurora database worldwide, with the master located in us-east-1 and a read replica located in eu-west-1. A VPN connects the two locations

The firm wants to guarantee that the application stays online even if all of the applications components fail at the region level. For up to one hour, the program may be in read-only mode. The Corporation intends to create two separate Amazon Route 53 record sets, one for each area.

How should the business finish the setup to satisfy its needs while ensuring the application’s end users experience the least amount of delay possible (Select two)?

1. Use failover routing and configure the us-east-1 record set as primary and the eu-west-1 record set as secondary. Configure an HTTP health check for the web application in us-east-1, and associate it to the us-east-1 record set.
2. Use weighted routing and configure each record set with a weight of 50. Configure an HTTP health check for each region, and attach it to the record set for that region
3. **Use latency-based routing for both record sets. Configure a health check for each region and attach it to the record set for that region**
4. **Configure an Amazon CloudWatch alarm for the health checks in us-east-1,and have it invoke an AWS Lambda function that promotes the read replica in eu-west-1**
5. Configure Amazon RDS event notifications to react to the failure of the database in us-east-1 by invoking an AWS Lambda function that promotes the read replica in eu-west-1.
6. A business must link its on-premises data centre to AWS. The organization required transitive routing capabilities across VPC networks in order to link all of its VPCs situated in various AWS regions. Additionally, the organization must cut network outbound traffic expenditures, boost bandwidth throughput, and ensure that end users have a consistent network experience.

Which solution will satisfy these criteria?

1. Create an AWS site-to-site VPN connection between the on-premises data center and new central VPC. Create VPC peering connections that initiate from the VPC to all other VPCs.
2. **Create an AWS direct connect connection between the on-premises data centre and AWS. Provision a transit VIF, and connect it to a direct connect gateway. Connect the direct connect gateway to all the VPCs by using a transit gateway in each region.**
3. Create an AWS site-to-site VPN connection between the on-premises data centre and a new central VPC. Use a transit gateway with dynamic routing. Connect the transit gateway to all other VPCs
4. Create an AWS direct connect connection between the on-premises data center and AWS. Establish an AWS site-to-Site VPN connection between all VPCs in each region. Create VPC peering connections that initiate from the central VPC to all other VPCs
5. An company intends to employ NoSQL DB to meet its scalable data storage requirements. The business wishes to safely host an application on an AWS VPC?
6. **The organization should setup their own NoSQL cluster on the AWS instance and configure route tables and subnets**
7. The Organization should only use a DynamoDB because by default it is always a part of the default subnet provided by AWS
8. The Organization should use a DynamoDB while creating a table within the public subject
9. The organization should use a DynamoDB while creating a table within a private subnet.
10. A business is implementing a Web application using the JEE stack. The program makes use of the JBoss application server and the MySQL database. The application includes a logging module that records all actions that occur when a JEE application’s business function is invoked. Due to the enormous size of the log file, the logging activity takes some time.

Which of the following solutions will assist the application in establishing a scalable infrastructure?

1. Host the log files on EBS with PIOPS which will have higher I/O
2. Host the logging and the app server on separate servers such that they are both in the same zone
3. Host logging and the app server on the same instance so that the network latency will be shorter
4. **Create a separate module for logging and using SQS compartmentalize the module such that all calls to logging are asynchronous.**
5. A business hosts an application on AWS. As AWS Lambda function authenticates against an Amazon RDS for MySQL database instance using credentials. According to a security risk assessment, these credentials are not cycled often enough. Additionally, the database instance’s encryption at rest is disabled. Both of these concerns must be fixed, according to the security team

Which security mitigation method should a solutions architect recommend?

1. **Configure the Lambda function to store and retrieve the database credentials in AWS secrets Manager and enable rotation of the credentials. Take a snapshot of the DB instance an encrypt a copy of the snapshot. Replace the DB instance with a new DB instance that is based on the encrypted snapshot**
2. Enable IAM DB authentication on the DB instance. Grant the Lambda execution role access to the DB instance. Modify the DB instance and enable encryption
3. Enable IAM DB authentication on the DB instance. Grant the Lambda execution role access to the DB instance. Create an encrypted read replica of the DB Instance. Promote the encrypted read replica to be the new primary node
4. Configure the Lambda function to store and retrieve the database credentials as encrypted AWS systems Manager Parameter Store parameters. Create another Lambda function to automatically rotate the credentials. Create an encrypted read replica of the DB instance. Promote the encrypted read replica to be the new primary node.
5. A user is producing an EBS volume snapshot

Which of the following claims about the generation of an EBS snapshot is incorrect?

1. Its Incremental
2. It is point in time backup of the EBS volume
3. It can be used to create an AMI
4. **It is stored in the same AZ as the volume**
5. From a web application hosted on AWS in the eu-west-1 Region, a weather service offers high-resolution weather maps. Weather maps are often updated and are kep in Amazon S2 with static HTML information. Amazon CloudFont serves as the front end for the online application.

The firm has expanded to service consumers in the us-east-1 Region, and these new users have reported experiencing intermittent slowness while viewing their individual weather maps

Which combination of procedures will address the performance concerns with us-east-1(select two.)?

1. Configure the AWS Global Accelerator endpoint for the S3 bucket in eu-west-1. Configure endpoint groups for TCP ports 80 and 443 in us-east-1.
2. **Create a new S3 bucket in us-east-1. Configure S3 cross-region replication to synchronize from the S3 bucket in eu-west-1.**
3. Use Lambda@Edge to modify requests from North America to use the S3 Transfer Acceleration endpoint in us-east-1
4. **Use Lambda@Edge to modify requests from North America to use the S3 bucket in-us-east-1**
5. Configure the AWS Global Accelerator endpoint for us-east-1 as an origin on the CloudFront distribution. Use Lambda@Edge to modify requests from northe America to use the new Origin.
6. Is it possible to alert a set of DHCP options created in a VPC after they have been create?
7. Yes, you can modify a set of DHCP options within 48 Hours after creation and there are no VPCs associated with them
8. Yes, you can modify a set of DHCP options any time after you create them
9. **No, You can’t modify a set of DHCP options after you create them**
10. Yes, you can modify a set of DHCP options within 24 hours after creation
11. A user is setting PIOPS for MySQL RDS. What should be the user’s minimum provisioned PIOPS?
12. **1000**
13. 200
14. 2000
15. 500
16. On Amazon S3, a medical business is constructing a data lake. Encryption of data in transit and at rest is required. Even if an S3 bucket is accidentally made public, the data must be safeguarded.

Which combination of actions will satisfy these criteria (Select Three)

1. **Ensure that each S3 bucket has a bucket policy that includes a Deny statement if the aws:Secure Transport condition is not present**
2. **Create a CMK in AWS key Management Service(AWS KMS). Turn on server-side encryption(SSE) on the S3 buckets, select SSE-KMS for the encryption type and use that the CMK as the key**
3. **Ensure that each S3 bucket has a bucker policy that includes a Deny Statement for PutObject actions if the request does not include an**
4. Turn on Server-side encryption (SSE)on the S3 buckets and select SSE-S3 for the encryption type
5. Ensure that each s3 bucket has a bucket policy that includes a Deny statement for PutObject actions if the request does not include amz-server-side encryption
6. Turn on AWS configuration. Use the S3-bucket-public-read-probibited, s3-bucket-public write prohibited, and s3-bucket-ssl-request-only AWS configu managed rules to monitor the S3 buckets.
7. True or False: Redis is supported by Amazon ElastiCache?
8. True, ElastiCache supports the Redis Key-Value store, but with limited functionalities
9. False, ElastiCache does not support the Redis Key-Value Store
10. **True, ElastiCache Supports the Redis Key-Value Store**
11. False, ElastiCache supports the Redis Key-value store only if you are in a VPC environment.
12. What does AWS mean by elasticity?
13. The ability to scale computing resources up easily, with minimal friction and down with latency.
14. **The ability to scale computing resources up and down easily, with minimal friction**
15. The ability to provision cloud computing resources in expectation of future demand
16. The ability to recover from business continuity events with minimal friction