

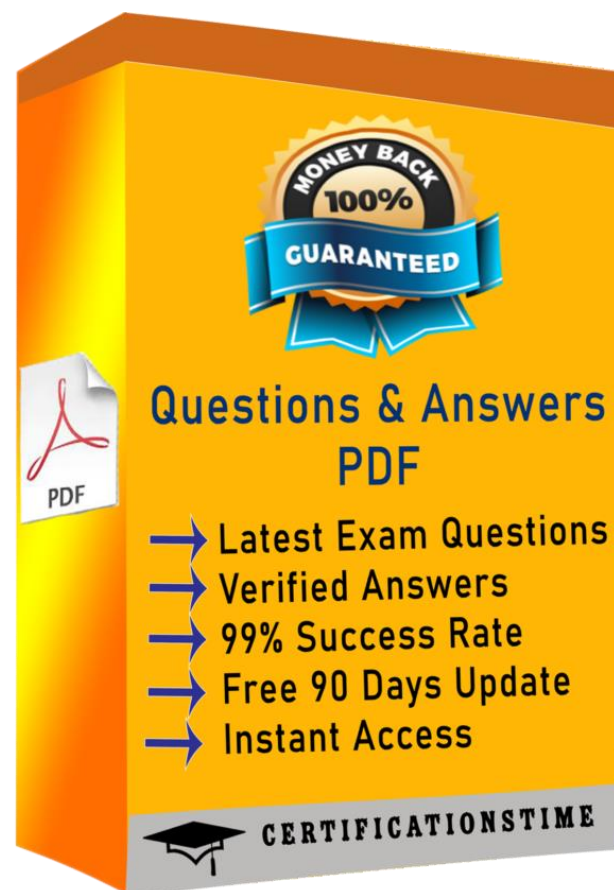


Amazon

BDS-C00

AWS Certified Big Data – Speciality

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QUESTION 1

You have a large number of web servers in an Auto Scaling group behind a load balancer. On an hourly basis, you want to filter and process the logs to collect data on unique visitors, and then put that data in a durable data store in order to run reports. Web servers in the Auto Scaling group are constantly launching and terminating based on your scaling policies, but you do not want to lose any of the log data from these servers during a stop/termination initiated by a user or by

Auto Scaling. What two approaches will meet these requirements? Choose 2 answers

- A. Install an Amazon CloudWatch Logs Agent on every web server during the bootstrap process
- B. Create a CloudWatch log group and define metric Filters to create custom metrics that track unique visitors from the streaming web server log
- C. Create a scheduled task on an Amazon EC2 instance that runs every hour to generate a new report based on the CloudWatch custom metrics
- D. On the web servers, create a scheduled task that executes a script to rotate and transmit the logs to Amazon Glacier
- E. Ensure that the operating system shutdown procedure triggers a logs transmission when the Amazon EC2 instance is stopped/terminate
- F. Use Amazon Data pipeline to process data in Amazon Glacier and run reports every hour
- G. On the web servers, create a scheduled task that executes a script to rotate and transmit the logs to an Amazon S3 bucket
- H. Ensure that the operating system shutdown process triggers a logs transmission when the Amazon EC2 instance is stopped/terminate
- I. Use AWS Data Pipeline to move log data from the Amazon S3 bucket to Amazon Redshift in order to process and run reports every hour
- J. Install an AWS Data Pipeline Logs Agent on every web server during the bootstrap process
- K. Create a log group object in AWS Data Pipeline, and define Metric filters to move processed log data directly from the web servers to Amazon Redshift and runs reports every hour

Answer: AC

QUESTION 2

In AWS, which security aspects are the customer's responsibility? Choose 4 answers

- A. Life-Cycle management of IAM credentials
- B. Security Group and ACL settings
- C. Controlling physical access to compute resources
- D. Patch management on the EC2 instance's operating system
- E. Encryption of EBS volumes
- F. Decommissioning storage devices

Answer: ABDE

QUESTION 3

The project you are working on currently uses a single AWS CloudFormation template to deploy its AWS infrastructure, which supports a multi-tier web application. You have been tasked with organizing the AWS CloudFormation resources so that they can be maintained in the future, and so that different departments such as Networking and Security can review the architecture before it goes to Production.

How should you do this in a way that accommodates each department, using their existing workflows?

- A. Organize the AWS CloudFormation template so that related resources are next to each other in the template, such as VPC subnets and routing rules for Networking and Security groups and IAM information for Security
- B. Separate the AWS CloudFormation template into a nested structure that has individual templates for the resources that are to be governed by different departments, and use the outputs from the networking and security stacks for the application template that you control
- C. Organize the AWS CloudFormation template so that related resources are next to each other in the template for each department's use, leverage your existing continuous integration tool to constantly deploy changes from all parties to the Production environment, and then run tests for



validation

D. Use a custom application and the AWS SDK to replicate the resources defined in the current AWS CloudFormation template, and use the existing code review system to allow other departments to approve changes before altering the application for future deployments

Answer: B

QUESTION 4

Your customers located around the globe require low-latency access to private video files. Which configuration meets these requirements?

- A. Use Amazon CloudFront with signed URLs
- B. Use Amazon EC2 with provisioned IOPS Amazon EBS volumes
- C. Use Amazon S3 with signed URLs
- D. Use Amazon S3 with access control lists

Answer: A

QUESTION 5

The majority of your Infrastructure is on premises and you have a small footprint on AWS Your company has decided to roll out a new application that is heavily dependent on low latency connectivity to LOAP for authentication Your security policy requires minimal changes to the company's existing application user management processes.

What option would you implement to successfully launch this application1?

- A. Create a second, independent LOAP server in AWS for your application to use for authentication
- B. Establish a VPN connection so your applications can authenticate against your existing on- premises LDAP servers
- C. Establish a VPN connection between your data center and AWS create a LDAP replica on AWS and configure your application to use the LDAP replica for authentication
- D. Create a second LDAP domain on AWS establish a VPN connection to establish a trust relationship between your new and existing domains and use the new domain for authentication

Answer: C

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