SOA-C01 Q&As

AWS Certified SysOps Administrator - Associate (SOA-C01)

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QUESTION 1

A user is trying to create an EBS volume with the highest PIOPS supported by EBS. What is the minimum size of EBS required to have the maximum IOPS?

A. 124

B. 150

C. 134

D. 128

Correct Answer: C

Explanation:

A provisioned IOPS EBS volume can range in size from 10 GB to 1 TB and the user can provision up to

4000 IOPS per volume. The ratio of IOPS provisioned to the volume size requested should be a maximum

of 30.

QUESTION 2

Which two steps are required to generate a report detailing specific cost allocation tags when creating a Monthly Cost Allocation report? (Choose two.)

A. Use AWS CloudTrail to export the events for the specified resources.

B. Use an AWS Lambda function to read the resources' metadata, and write the specified tags to a DynamoDB table.

C. Activate the "requested" tags by clicking Manage report tags on the Billing Preferences page.

D. Select the checkbox for Cost Allocation Report in the AWS account\\'s Billing Management Console.

E. Create a new Budget using the Billing Management Console, use the "Include costs related to Tags" feature, and select the requested tags.

Correct Answer: BD

QUESTION 3

You are running a web-application on AWS consisting of the following components an Elastic Load

Balancer (ELB) an Auto-Scaling Group of EC2 instances running Linux/PHP/Apache, and Relational

DataBase Service (RDS) MySQL.

Which security measures fall into AWS\\'s responsibility?

A. Protect the EC2 instances against unsolicited access by enforcing the principle of least-privilege access

B. Protect against IP spoofing or packet sniffing

C. Assure all communication between EC2 instances and ELB is encrypted

D. Install latest security patches on ELB. RDS and EC2 instances

Correct Answer: B

https://d0.awsstatic.com/whitepapers/aws-security-whitepaper.pdf

QUESTION 4

A company\\'s finance department wants to receive a monthly report showing AWS resource usage by department.

Which solution should be used to meet the requirements?

A. Configure AWS Cost and Usage reports for each department. Run the reports monthly.

B. Schedule a monthly report for each department using AWS Budgets.

C. Run a monthly AWS CloudTrail report of resource usage by tag using department codes.

D. Tag all resources with department codes. Generate a monthly cost allocation report.

Correct Answer: A

Reference: https://docs.aws.amazon.com/cur/latest/userguide/monthly-report.html

QUESTION 5

A company\\'s data processing workflow uses AWS Lambda to interact with other AWS services, including AWS Step Functions, Amazon DynamoDB, and Amazon S3. The Lambda functions make several API calls to these services as a part of the workflow. AWS CloudTrail has been enabled in the AWS Region and is logging to Amazon CloudWatch Logs. The Lambda functions are also logging to CloudWatch Logs.

A SysOps administrator notices that a specific Lambda function in the workflow is taking longer to run than it did last month. The SysOps administrator needs to determine the parts of the Lambda function that are experiencing higher-than-normal response times.

What solution will accomplish this?

A. Analyze logs in CloudWatch Logs for the timestamps at which the API calls are made while the Lambda function is running. Compare with the logs from the previous month.

B. Enable AWS X-Ray for the function. Analyze the service map and traces to help identify the API calls with anomalous response times.

C. Search CloudTrail logs for the calls from the Lambda function. Compare the observed and expected times of API calls relative to the time when the function starts.

D. Use CloudWatch to monitor the Duration metric of function invocations for the Lambda function. Compare with the measurements from the previous month.

Correct Answer: D