Score: 90.9%
10/11 points

CCP-test-1-p1

1. Which AWS services can be used to store files? Choose 2 answers from the options given below.

- ☐ Amazon CloudWatch
- ☑ **Amazon Simple Storage Service (Amazon S3)**
- ☑ **Amazon Elastic Block Store (Amazon EBS)**
- ☐ AWS Cong
- ☐ Amazon Athena

2/2 points

2. What is the best-suited file storage option for use when an administrator is looking to deploy shared file access, linux-based workloads which will require up to petabytes of data stores?

- ☑ **Amazon EFS**
- ☐ Amazon S3
- ☐ AWS Snowball
- ☐ Amazon EBS

1/1 point

3. In Amazon S3, what is the difference between lifecycle policies and intelligent tiering?

- ☑ **Lifecycle policies are not dependent on access patterns as is the case with intelligent tiering, instead they are pre-configured with a transition rule.**
- ☐ Intelligent tiering is an object storage class which is not dependent on access patterns, it uses a pre-configured transition rule.
- ☐ When transitioning objects into different storage classes, intelligent tiering is automatic whilst lifecycle policies have to be manually triggered.
- ☐ Lifecycle policies cannot be configured to permanently delete objects from an S3 bucket whilst intelligent tiering can do so if versioning is turned on.

1/1 point

4. Which AWS service provides infrastructure security optimization recommendations?

- ☐ AWS Application Programming Interface(API)
- ☐ Reserved Instances
- ☑ **AWS Trusted Advisor**
- ☐ Amazon Elastic Compute Cloud (Amazon EC2) SpotFleet

1/1 point

5. A department in an organisation has a stipulated monthly expenditure limit on their AWS account and is anxious about exceeding it. How best can they allay this concern?

- ☐ Regularly review their Billing and Cost management dashboard during the course of the month in the management console.
- ☐ Under Billing Preferences > Cost Management Preferences, they should tick the Receive Free Tier Usage Alerts checkbox.
- ☐ In AWS CloudWatch they ought to create an alarm that triggers each time the services bill surpasses the limit.
- ☑ **In AWS Budgets, creating an email alert based on the budget parameters would suffice.**

1/1 point

6. A company needs to know which user was responsible for terminating several critical Amazon Elastic Compute Cloud (EC2) Instances. Where can the customer find this information?

- ☐ AWS Trusted Advisor
- ☐ Amazon EC2 instance usage report
- ☐ Amazon CloudWatch
- ☑ **AWS CloudTrail logs**

1/1 point

7. On a social media website, creative content goes viral for a few days and then rapidly declines in popularity and views thereafter. Which storage class and configuration option would you choose for a cost-effective storage?

- [ ] Amazon S3 Standard with object versioning
- [ ] Amazon S3 One Zone-Infrequent Access (S3 One Zone-IA)
- [ ] Amazon Elastic File Store (EFS)
- [x] **Amazon S3 Standard with lifecycle policies**

1/1 point

8. What is the value of having AWS Cloud services accessible through an Application Programming Interface (API)?

- [x] **It allows developers to work with AWS resources programmatically**
- [ ] AWS resources will always be cost-optimized
- [ ] All application testing can be managed by AWS.
- [ ] Customer-owned, on-premises infrastructure becomes programmable.

1/1 point

9. An administrator would like to prepare a report that will be presented to the auditing team. The report is meant to depict that the organizations' cloud infrastructure has followed the widely accepted industry standards of deployment, maintenance, and monitoring. Which tool can they use to assist them?

- [ ] **AWS CloudTrail**
- [ ] AWS Trusted Advisor
- [x] AWS Organisations
- [ ] AWS Total Cost of Ownership

0/1 point

10. A file-sharing service uses Amazon S3 to store files uploaded by users. Files are accessed with random frequency, popular ones are downloaded every day whilst others not so often and some rarely. What is the most cost-effective Amazon S3 object storage class to implement?

- [ ] Amazon S3 Standard
- [ ] Amazon S3 Glacier
- [ ] Amazon S3 One Zone-Infrequently Accessed
- [x] **Amazon S3 Intelligent-Tiering**

1/1 point

Done

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