



Score: 60%  
6/10 points

### CCP-test-1-p3

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1. Which tool can you use to forecast your AWS spending?

- ☐ AWS Organizations
- ☐ Amazon Dev Pay
- ☐ AWS Trusted Advisor
- ☒ **AWS Cost Explorer**

1/1 point

2. An administrator noticed a consistent spike in processor and memory activity on the organisation's web servers that host a large web application, this was after installing Secure Socket Layer/Transport Layer Security (SSL/TLS) for security. This increased activity degraded the web application's responsiveness. What is the best-practice solution to resolve the situation?

- ☐ Migrate the web application onto m4.4xlarge EC2 instances with robust compute, processing and networking capability.
- ☒ **Offload the SSL/TLS from running locally to AWS CloudHSM.**
- ☒ Create an auto-scaling group that scales out as traffic to the web application cluster increases.
- ☐ Create a custom AWS CloudWatch metric to monitor the instance resources, by writing a script in the AWS Command Line Interface (AWS CLI).

0/1 point

3. A radio station compiles a list of the most popular songs each year and will seldom refer to the information thereafter. Listeners can get access to this information up to 24 hours after request. Which is the most cost-effective object storage for this information?

- ☒ **Amazon S3 Glacier**
- ☐ Amazon S3 One Zone - Infrequently Accessed
- ☒ **Amazon S3 Glacier Deep Archive**
- ☐ Amazon S3 Standard - Infrequently Accessed

0/1 point

4. A Disaster Recovery Strategy on AWS should be based on launching resources in a separate :

- ☐ Subnet
- ☒ **AWS Region**
- ☐ Security Group
- ☐ Amazon Virtual Private Cloud (Amazon VPC)

1/1 point

5. Which of the following is a factor when calculating Total Cost of Ownership (TCO) for the AWS Cloud?

- ☒ **The number of servers migrated to AWS**
- ☐ The number of users migrated to AWS
- ☐ The number of passwords migrated to AWS
- ☐ The number of keys migrated to AWS

1/1 point

6. A group of developers for a startup company store their source code and binary files on a shared open-source repository platform which is publicly accessible over the internet. They have embarked on a new project in which their client requires high confidentiality and security on all development assets. What AWS service can the developers use to meet the requirement?

- ☒ **AWS CodeCommit**
- ☐ AWS CodeDeploy
- ☐ AWS Lambda
- ☐ AWS CodeStar

1/1 point

7. An organisation has a persistently high amount of throughput, it requires connectivity with no jitter and very low latency between its on-premise infrastructure and its AWS cloud build to support live streaming and real-time services. What is the MOST appropriate solution to meet this requirement?

- ☐ AWS Data Streams
- ☒ AWS Kinesis
- ☐ Kinesis Data Firehose
- ☐ AWS Direct Connect

0/1 point

8. A professional educational institution maintains a dedicated web server and database cluster that hosts an exam results portal for modules undertaken by its students. The resource is idle for most of the learning cycle and becomes excessively busy when exam results are released. How can this architecture be improved to be cost-efficient?

- ☒ Configure AWS elastic load-balancing between the webserver and database cluster
- ☐ Configure RDS multi-availability zone for performance optimisation
- ☐ Configure serverless architecture leveraging AWS Lambda functions
- ☐ Migrate the web servers onto Amazon EC2 Spot Instances

0/1 point

9. A business analyst would like to move away from creating complex database queries and static spreadsheets when generating regular reports for high-level management. They would like to dynamically publish insightful, graphically appealing reports with interactive dashboards. Which service can they use to accomplish this?

- ☒ Amazon QuickSight
- ☐ Business intelligence on Amazon Redshift
- ☐ Amazon CloudWatch dashboards
- ☐ Amazon Athena integrated with Amazon Glue

1/1 point

10. What is the AWS feature that enables fast, easy, and secure transfers of files over long distances between your client and your Amazon S3 bucket?

- ☐ File Transfer
- ☐ HTTP Transfer
- ☒ Amazon S3 Transfer Acceleration
- ☐ S3 Acceleration

1/1 point

Done



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