

CS 499 Introduction to Cloud Computing

Spring 2017-18

Quiz # 5

Registration #: _____

Section: _____

1. Amazon API Gateway is a fully managed service that makes it easy for developers to:
 - a) Publish API
 - b) Maintain and monitor API
 - c) Secure their APIs at any scale
 - d) All of above

2. With Amazon API gateway you can create an API that can access data, business logic, or functionality from your back-end services running on:
 - a) Amazon Elastic Compute Cloud
 - b) Code running on AWS Lambda
 - c) Any web application
 - d) All of the above

3. With Rest API state is stored on_____
 - a) Entirely on client and communication between client and server is not stateless
 - b) Entirely on server and communication between client and server is not stateless
 - c) Entirely on client and communication between client and server is stateless
 - d) Entirely on server and communication between client and server is stateless

4. You can control API access via _____ and cache API resources via _____.
 - a) Amazon Access and Secure Management, Amazon DynamoDB
 - b) Amazon Identity and Access Management, Amazon CloudFront
 - c) Amazon Identity and Secure Management, Amazon CloudWatch
 - d) Both b and c

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1. REST stands for _____ and there are _____ constraints in this architecture.
 - a) Representational save transfer , 6
 - b) Representational secure transfer , 3
 - c) Robust state transfer , 6
 - d) Representational state transfer , 6
2. The logic of the service is encapsulated within the _____ and it is providing _____ interface for clients to use.
 - a) Client-side, save
 - b) Lambda function, uniform
 - c) API, secure
 - d) SDK, robust
3. A _____ is an example Lambda Function that can be used as a base to build out new Lambda functions.
 - a) Model
 - b) Lambda Blueprint
 - c) Method Response
 - d) Stage
4. Choose the correct constraint of REST:
 - a) Client will cache data to improve network efficiency
 - b) There is a non-uniform interface between server and client
 - c) State is stored entirely on the server
 - d) Both a and c

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1. In API gateway, _____ defines the path through which an API deployment is accessible:
 - a) Model
 - b) Stage
 - c) Blue Print
 - d) All of the above

2. The _____ settings are where the mappings are defined between the response from the backend target and method response in API gateway.
 - a) Integration Response
 - b) Method response
 - c) Integration Request
 - d) Method Request

3. Amazon API Gateway provides API result caching using which of the following:
 - a) Amazon Elastic Compute Cloud
 - b) Amazon API Gateway
 - c) Amazon CloudFront
 - d) Amazon DynamoDB

4. With what backends can Amazon API Gateway communicate:
 - a) AWS Lambda functions
 - b) Amazon EC2
 - c) AWS Elastic Beanstalk
 - d) All of the above

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1. Choose the correct constraint of REST:
 - a) Client will cache data to improve network efficiency
 - b) There is a non-uniform interface between server and client
 - c) State is stored entirely on the server
 - d) Both a and c
2. Choose correct features of API Gateway:
 - a) Enable Amazon CloudWatch integration for API monitoring
 - b) Connect custom domains to an API
 - c) Create and apply API keys for third-party development
 - d) All of the above
3. In API Gateway, a _____ defines the format, schema or shape of some data.
 - a) Model
 - b) Blueprint
 - c) Method Response
 - d) Stage
4. API Gateway is designed to work primarily with following type of data.
 - a) JSON
 - b) XML
 - c) All types are allowed
 - d) Only a and b