

Week 2 Quiz

LATEST SUBMISSION GRADE

100%

1. Consider a scenario where you have created a REST API, and the client using this API is submitting a POST request to an endpoint being hosted by Amazon API Gateway. The client wants to send the payload of the request in a format that is different than the format of the payload the backend code needs.

1 / 1 point

What Amazon API Gateway REST API feature can you use to transform the payload of the request from the clients format to the format the backend code needs?

- ☐ Integration Request
- ☒ A Mapping
- ☐ Method Response
- ☐ A Model

✓ Correct

2. A Model is written in VTL and used for Request Validation.

1 / 1 point

- ☐ True
- ☒ False

✓ Correct

3. You can create key-value pairs as configuration attributes associated with a deployment stage of a REST API. They act like environment variables and can be used in your API setup and mapping templates.

1 / 1 point

You can access these variables through the use of:

- ☐ \$util
- ☐ \$context
- ☐ \$environmentVariables
- ☒ \$stageVariables

✓ Correct

4. Which of the following list three ways to add access controls or authorizers for a REST API in Amazon API Gateway?

1 / 1 point

- ☐ IAM, Client-side SSL certificate and Key Management Service
- ☐ Resource policy, cross-origin resource sharing and Secrets Manager
- ☒ Lambda authorizer, VPC endpoint policy, Cognito User Pool
- ☐ Usage plan, AWS WAF and Security Group

✓ Correct

5. Which of the following is a way to do access control for an HTTP API in Amazon API Gateway?

1 / 1 point

- ☒ JSON Web Token
- ☐ Cognito Federated Identities
- ☐ Lambda authorizer
- ☐ IAM

✓ Correct

6. Which access control mechanism can be used to throttle the amount of request being sent from a client to a REST API in API Gateway?

1 / 1 point

- ☐ Secret Key
- ☐ Access Key
- ☐ Key Management Service
- ☒ API Key

✓ Correct

7. At which point of the flow in a method execution in Amazon API Gateway can you add a Cognito User Pool, Lambda or IAM authorizer?

1 / 1 point

- ☐ Integration Response
- ☐ Method Response
- ☒ Method Request
- ☐ Integration Request

✓ Correct

8. Which of the following authorizer mechanism will require you to develop it using code in a REST API in API Gateway?

1 / 1 point

- ☐ Cognito Identity Pool
- ☐ Identity and Access Management
- ☒ Lambda authorizer
- ☐ Cognito User Pool

✓ Correct

9. What types of APIs can Amazon API Gateway NOT be used to create?

1 / 1 point

- ☐ HTTP
- ☒ BPM
- ☐ WebSocket
- ☐ REST

✓ Correct

10. What is used to manage and configure API deployments in Amazon API Gateway?

1 / 1 point

- ☐ Platform
- ☒ Stage
- ☐ Cliff
- ☐ Ledge

✓ Correct