



✓ **Congratulations! You passed!**

TO PASS 80% or higher

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## Week 3 Quiz

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1. Which mechanism allows you to control who has access your AWS Lambda function and what actions they are allowed to perform?

1 / 1 point

- ☐ Execution Permissions
- ☒ Resource Based Policies
- ☐ IAM Groups
- ☐ IAM Policies

✓ **Correct**

2. AWS Lambda has two main different types of triggers. Triggers that push events to Lambda, like other AWS services or applications you develop, and triggers that are a resource that Lambda reads items from, like a stream or queue, and invokes a function based on a configuration that you create.

1 / 1 point

What is the second type of trigger called?

- ☐ Push Trigger
- ☐ Pull Resource Configuration
- ☐ Lambda Source Mapping
- ☒ Event Source Mapping

✓ **Correct**

3. What is the maximum timeout or maximum amount of time for the execution of a Lambda function?

1 / 1 point

- ☐ 5 hours
- ☐ 5 minutes
- ☐ 15 hours
- ☒ 15 minutes

✓ **Correct**

4. What is the type of runtime that would need to be used to use PHP for the code running in Lambda?

1 / 1 point

- ☐ You can't run PHP in Lambda
- ☐ PHP 7.x runtime
- ☐ Lambda layers
- ☒ Custom runtime

✓ **Correct**

5. Which of the following is a good use case for using the Provisioned Concurrency feature of Lambda?

1 / 1 point

- ☒ The application is made up of latency-sensitive microservices.
- ☐ The application is a batch processing tool.
- ☐ The application needs to run once per hour.
- ☐ The application needs access to a relational database.

✓ **Correct**

6. When the application code in a Lambda function needs to communicate with a relational database, which feature of the AWS Lambda service would minimize the amount of connections to that relational database? 1 / 1 point

- ☒ Execution context reuse
- ☐ Provisioned Concurrency
- ☐ Automatic scaling
- ☐ Synchronous invocation

✓ Correct

7. What are the two ways that a Lambda function can be invoked? Select two. 1 / 1 point

- ☐ Automatically
- ☒ Asynchronously

✓ Correct

- ☐ Provisioned concurrency
- ☐ Reduced-latency
- ☒ Synchronously

✓ Correct

8. If retry attempts is configured with the default setting on a Lambda function, what do you need to make sure you do in your code? 1 / 1 point

- ☒ Make sure that your code is idempotent.
- ☐ Make sure that the code can be executed concurrently.
- ☐ Make sure that there are no global variables in the code.
- ☐ Make sure that any transactions on the database are committed.

✓ Correct

9. In AWS Lambda, what are you responsible for managing? 1 / 1 point

- ☐ Backend Infrastructure
- ☒ Function Code
- ☐ Operating System Updates
- ☐ Operating System Patches

✓ Correct

10. Per the AWS shared responsibility model, who is responsible for the protection of customers' data? 1 / 1 point

- ☐ SFD
- ☒ The customer
- ☐ Third-party security auditor
- ☐ AWS

✓ Correct