

Week 5 Quiz

LATEST SUBMISSION GRADE

100%

1. In order to turn on distributed tracing with AWS Lambda and capture a segment for the lambda function execution, you must include the AWS SDK for X-Ray in your deployment package.

1 / 1 point

- ☐ True
☒ False

✓ **Correct**

2. When using the AWS SDK for X-Ray, to measure granular performance of a singular API call or specific line(s) of code, you can create a new:

1 / 1 point

- ☒ Subsegment
☐ Annotation
☐ Sampling Document
☐ Trace

✓ **Correct**

3. When using the AWS X-Ray SDK in code that will be run on top of AWS Lambda, you must also create and manage the X-Ray Daemon on your own by including it as a dependency in your deployment package.

1 / 1 point

- ☐ True
☒ False

✓ **Correct**

4. What do you need to provide to Step Functions so it can be allowed to send logs to CloudWatch Logs?

1 / 1 point

- ☐ IAM Policy
☒ IAM Role
☐ IAM User
☐ IAM Group

✓ **Correct**

5. Which of the following matches the definition of an Amazon CloudWatch Log Group?

1 / 1 point

- ☐ A group of events coming from the application instance or resource being monitored.
☐ A group of settings determining how long log events are kept in CloudWatch Logs.
☒ A group of log streams that share the same retention, monitoring, and access control settings.
☐ A group of records of some activity recorded by the application or resource being monitored.

✓ **Correct**

6. What is the proper flow for sending logs to Amazon CloudWatch Logs?

1 / 1 point

- ☐ Create a Log Group, then create a Log Stream and send Log Events from the application to the Log Group.
☐ Create a Log Stream, add the Log Stream to the Log Group and send Log Events from the application to the Log Group.
☒ Create a Log Group, then create a Log Stream and send Log Events from the application to the Log Stream.
☐ Create a Log Stream, add the Log Stream to the Log Group and send Log Events from the application to the Log Stream.

✓ **Correct**

7. What protocol can be used to send events to Amazon CloudWatch Logs?

1 / 1 point

- ☐ syslog
- ☐ RELP
- ☒ HTTPS
- ☐ UDP

✓ Correct

8. What is the easiest way to send logs to Amazon CloudWatch Logs from code in a Lambda function?

1 / 1 point

- ☒ Write to stdout or stderr and logs will be sent automatically
- ☐ Use the syslog library to send logs directly to CloudWatch logs
- ☐ Make an HTTPS call to Amazon CloudWatch logs
- ☐ Use the Amazon CloudWatch SDK to send logs

✓ Correct

9. What do you need to define on a Lambda function to send logs to CloudWatch Logs?

1 / 1 point

- ☐ The Log Group and Log Stream to send logs to
- ☒ The Log Group to send logs to and an IAM Role
- ☐ An IAM Role
- ☐ The Log Stream to send logs to and an IAM Role

✓ Correct

10. In AWS X-Ray, what represents the compute resources running the application logic?

1 / 1 point

- ☐ Parts
- ☒ Segments
- ☐ Rays
- ☐ Instances

✓ Correct