

Your grade: 100%

Your latest: 100% • Your highest: 100% • To pass you need at least 70%. We keep your highest score.

Next item →

1. Which of the following is a characteristic of a distributed system?

1 / 1 point

- ☒ It contains multiple services that coordinate interactions using a communication protocol such as HTTP.
- ☐ It focuses on the decomposition of a design into logical components.
- ☐ It is an interface for a database.
- ☐ It is an individual unit of encapsulated functionality.



Correct

Correct! This is a characteristic of distributed systems.

2. Which term is best described by the statement, “entails the ability to add behavior to a component without changing other components?”

1 / 1 point

- ☐ Independent
- ☐ Encapsulation
- ☒ Extensibility
- ☐ Reusable



Correct

Correct! Extensibility entails the ability to add behavior to a component without changing other components.

3. True or false? A software application's architecture can be designed as both peer-to-peer and event-driven.

1 / 1 point

- ☒ True
- ☐ False



Correct

Correct. Peer-to-peer architecture is not mutually exclusive with an event-driven architecture.

4. Which of the following best describes a staging environment?

1 / 1 point

- ☐ It is for the QA team to test the application's individual components.
- ☐ It is intended for general users.
- ☐ It is intended for the developers to use while they are actively coding the application.
- ☒ It replicates the production environment, but is not intended for general users.



Correct

Correct! The staging environment replicates the production environment, but is not intended for general users.

5. What does the production environment take into account that pre-production environments do not?

1 / 1 point

- ☐ Permissions
- ☐ Functional requirements
- ☒ Load
- ☐ Buggy code



Correct

Correct! Pre-production environments are intended for a small group of users so do not usually have to take load into consideration.