Your grade: 100%

Your latest: **100%** • Your highest: **100%** • To pass you need at least 66%. We keep your highest score.

Next item →

1. Which of the following is a development principle for cloud-native applications?   1 / 1 point

   ○ Tightly couple the different functions of the application so that they can work together as a whole

   ○ Combine applications to create microservices with multiple functions

   ● Containerize the microservices for maximum flexibility, scalability, and portability

   ○ Bring the various single-function components of an application into one huge piece of software

   ✓ **Correct**
   Correct! Each microservice in a cloud-native application is packaged with its libraries and dependencies into individual containers.

2. Which of the following statements describes the DevOps approach and process?   1 / 1 point

   ○ Eliminates the need to monitor performance and availability

   ○ Allows teams to freely build, deploy, and manage cloud-native applications according to an informal, loosely defined set of guidelines

   ○ Eliminates the need to provision servers, build middleware, and install application code

   ● A collaborative approach where business owners and development, operations, and quality assurance teams collaborate to deliver software continuously
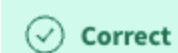
   ✓ **Correct**
   Correct! The DevOps approach applies agile and lean thinking principles to all stakeholders in an organization who develop, operate, or benefit from the business's software systems, including customers, suppliers, and partners.

3. Which of the provided options encapsulates the complete application modernization journey?   1 / 1 point

   ● The journey from monolithic and service-oriented architecture to microservices architecture, from physical servers and VMs to cloud infrastructure, and from the waterfall and agile methodology to DevOps

   ○ The journey from the waterfall and agile development methodologies to DevOps

   ○ The journey from monolithic and service-oriented architecture to microservices architecture

   ○ The journey from physical servers and VMs to cloud infrastructure

   ✓ **Correct**
   Correct! Application modernization involves the modernization of application architecture, infrastructure, and development and operations processes.