killexams.com

IBM

C1000-155

IBM Liberty 2023 Cloud Native Java Developer

ORDER FULL VERSION

Question: 1

Which of the following is an example of an authentication mechanism commonly used in cloud-native Java applications?

Response:

A. JSON Web Tokens (JWT)
B. Simple Object Access Protocol (SOAP)
C. Remote Method Invocation (RMI)
D. Extensible Markup Language (XML)

Answer: A

Explanation: JSON Web Tokens (JWT) is a commonly used authentication mechanism in cloud-native Java applications. It allows for secure exchange of authentication and authorization information between parties, making it well-suited for distributed and microservices-based architectures.

Question: 2

Which technology is commonly used for containerization in the cloud-native ecosystem?

Response:

A. Docker
B. Apache Tomcat
C. Apache Kafka
D. Jenkins

Answer: A

Explanation: Docker is a widely used technology for containerization in the cloud-native ecosystem. It provides a platform for building, packaging, and distributing applications as lightweight and portable containers, enabling easy deployment and scalability in cloud environments.

Question: 3

Which tool is commonly used for building and managing containerized applications in the cloud-native ecosystem?

Response:

A. Jenkins
B. Kubernetes
C. Ansible
D. Apache Maven

Answer: B

Explanation: Kubernetes is a widely used container orchestration platform in the cloud-native ecosystem. It provides powerful tools for deploying, scaling, and managing containerized applications, making it an essential tool for cloud-native Java developers.

Question: 4

Which technology is commonly used for data persistence in cloud-native Java applications?

Response:

A. Relational databases
B. XML files

C. Flat files
D. Message queues

Answer: A

Explanation: Relational databases are commonly used for data persistence in cloud-native Java applications. They provide a structured and scalable approach to storing and retrieving data, making them well-suited for cloud-native environments where data needs to be managed efficiently.

Question: 5

Which of the following best describes the concept of cloud-native Java?

Response:

A. Developing Java applications that can run on any cloud platform
B. Developing Java applications using cloud-based IDEs
C. Developing Java applications that are optimized for cloud environments
D. Developing Java applications with a cloud-based database

Answer: C

Explanation: Cloud-native Java refers to the practice of developing Java applications that are specifically designed and optimized to run in cloud environments. It involves leveraging cloud-native technologies, such as containers and microservices, to build scalable, resilient, and easily deployable applications.

Question: 6

Which tool is commonly used for monitoring and troubleshooting microservices in a cloud-native environment?

Response:

A. Prometheus
B. Apache Kafka
C. Elasticsearch
D. RabbitMQ

Answer: A

Explanation: Prometheus is a popular monitoring and alerting toolkit commonly used for monitoring and troubleshooting microservices in cloud-native environments. It provides powerful metrics collection and visualization capabilities, allowing developers and administrators to gain insights into the performance and health of their microservices.

Question: 7

Which of the following is NOT a benefit of using microservices architecture for developing cloud-native applications?

Response:

A. Improved scalability and fault isolation
B. Enhanced developer productivity and agility
C. Simplified deployment and management
D. Increased security and data integrity

Answer: D

Explanation: While microservices architecture offers numerous benefits, such as improved scalability, developer productivity, and deployment simplicity, it does not inherently provide increased security and data integrity. Security

measures must still be implemented and maintained within individual microservices to ensure the security of the overall application.
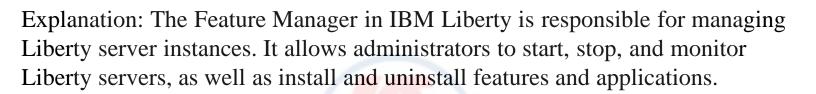
Question: 8

Which component in IBM Liberty is responsible for managing Liberty server instances, including starting, stopping, and monitoring?

Response:

A. Feature Manager
B. Server.xml
C. Liberty Profile
D. Liberty Control Center

Answer: A

Explanation: The Feature Manager in IBM Liberty is responsible for managing Liberty server instances. It allows administrators to start, stop, and monitor Liberty servers, as well as install and uninstall features and applications.

Question: 9

Which of the following is NOT a common approach to testing microservices in a cloud-native Java application?

Response:

A. Unit testing
B. Integration testing
C. Load testing
D. Monolithic testing

Answer: D

Explanation: Monolithic testing is not a common approach for testing microservices in a cloud-native Java application. Monolithic testing typically refers to testing a monolithic application as a whole, rather than individual microservices. In a cloud-native architecture, where applications are composed of loosely coupled microservices, testing is typically focused on individual microservices and their interactions.

SAMPLE QUESTIONS

*These questions are for demo purpose only. **Full version** is up to date and contains actual questions and answers.*

Killexams.com is an online platform that offers a wide range of services related to certification exam preparation. The platform provides actual questions, exam dumps, and practice tests to help individuals prepare for various certification exams with confidence. Here are some key features and services offered by Killexams.com:

ORDER FULL VERSION
Special Discount Coupon

Actual Exam Questions: Killexams.com provides actual exam questions that are experienced in test centers. These questions are updated regularly to ensure they are up-to-date and relevant to the latest exam syllabus. By studying these actual questions, candidates can familiarize themselves with the content and format of the real exam.

Exam Dumps: Killexams.com offers exam dumps in PDF format. These dumps contain a comprehensive collection of questions and answers that cover the exam topics. By using these dumps, candidates can enhance their knowledge and improve their chances of success in the certification exam.

Practice Tests: Killexams.com provides practice tests through their desktop VCE exam simulator and online test engine. These practice tests simulate the real exam environment and help candidates assess their readiness for the actual exam. The practice tests cover a wide range of questions and enable candidates to identify their strengths and weaknesses.

Guaranteed Success: Killexams.com offers a success guarantee with their exam dumps. They claim that by using their materials, candidates will pass their exams on the first attempt or they will refund the purchase price. This guarantee provides assurance and confidence to individuals preparing for certification exams.

Updated Content: Killexams.com regularly updates its question bank and exam dumps to ensure that they are current and reflect the latest changes in the exam syllabus. This helps candidates stay up-to-date with the exam content and increases their chances of success.

Technical Support: Killexams.com provides free 24x7 technical support to assist candidates with any queries or issues they may encounter while using their services. Their certified experts are available to provide guidance and help candidates throughout their exam preparation journey.