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IBM

C1000-110

IBM Cloud Pak System v2.3.x Architecture

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Question: 1

Which of the following is a key requirement for integrating IBM Cloud Pak System with an existing data center?

A. High-speed internet connectivity
B. Compatibility with legacy storage systems
C. Support for containerized applications
D. Compliance with industry-specific regulations

Answer: B

Explanation: Data center integration with IBM Cloud Pak System requires compatibility with existing storage systems. This ensures seamless integration of data and applications between the cloud-based system and the existing infrastructure.

Question: 2

Which of the following statements accurately describes the scalability capabilities of IBM Cloud Pak System?

A. It supports automatic scaling of compute resources based on workload demand.
B. It allows seamless integration with multiple public cloud providers for resource scaling.
C. It provides built-in load balancing features for efficient resource utilization.
D. It supports vertical scaling but not horizontal scaling of resources.

Answer: A

Explanation: IBM Cloud Pak System supports automatic scaling of compute resources based on workload demand. This ensures that the system can

dynamically allocate resources as needed, enabling efficient utilization and optimal performance.

Question: 3

Which of the following is a key consideration when planning the capacity requirements for IBM Cloud Pak System?

A. Power consumption
B. Network latency
C. Number of concurrent users
D. Cooling system efficiency

Answer: C

Explanation: When planning capacity requirements for IBM Cloud Pak System, the number of concurrent users is an important consideration. It determines the system's ability to handle the workload and ensure efficient resource allocation.

Question: 4

Which of the following statements accurately describes IBM Cloud Pak System?

A. It is a cloud management platform for managing multiple cloud environments.
B. It is a fully integrated hardware and software solution for deploying cloud-native applications.
C. It is a cloud-based storage solution designed for data center integration.
D. It is a virtualization platform for running virtual machines in a hybrid cloud environment.

Answer: B

Explanation: IBM Cloud Pak System is a fully integrated hardware and software solution that provides an infrastructure foundation for deploying cloud-native applications. It combines compute, storage, and networking resources along with management software to simplify the deployment and management of cloud-based applications.

Question: 5

Which of the following deployment capabilities are supported by IBM Cloud Pak System?

A. Bare metal servers only
B. Virtual machines only
C. Containers only
D. Bare metal servers, virtual machines, and containers

Answer: D

Explanation: IBM Cloud Pak System supports deployment on various infrastructure options, including bare metal servers, virtual machines, and containers. This allows organizations to choose the deployment model that best suits their needs and existing infrastructure.

Question: 6

In the context of troubleshooting IBM Cloud Pak System, which of the following should be checked first when experiencing network connectivity issues?

A. DNS configuration
B. CPU utilization
C. Disk I/O performance

D. Memory usage

Answer: A

Explanation: When experiencing network connectivity issues with IBM Cloud Pak System, the DNS configuration should be checked first. Incorrect DNS settings can cause network communication problems and prevent proper connectivity between the system components.

Question: 7

When troubleshooting performance issues in IBM Cloud Pak System, which of the following factors should be examined?

A. Network bandwidth
B. Disk capacity
C. Server power supply
D. Cooling system efficiency

Answer: A

Explanation: When troubleshooting performance issues in IBM Cloud Pak System, network bandwidth should be examined. Insufficient network bandwidth can lead to slow data transfer and negatively impact the overall performance of the system.

Question: 8

When planning the storage requirements for IBM Cloud Pak System, which of the following factors should be considered?

A. Network bandwidth
B. Application performance

C. Data encryption
D. Server cooling capacity

Answer: B

Explanation: When planning storage requirements for IBM Cloud Pak System, application performance should be considered. The storage solution should be able to meet the performance needs of the applications running on the system, ensuring optimal user experience and efficient data processing.

Question: 9

Which of the following tools or technologies can be used for monitoring IBM Cloud Pak System?

A. Prometheus
B. Apache Kafka
C. Docker Swarm
D. Jenkins

Answer: A

Explanation: Prometheus is a popular monitoring and alerting toolkit that can be used to monitor IBM Cloud Pak System. It provides metrics and insights into the system's performance, resource utilization, and health status.

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