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IBM

C1000-147

IBM Cloud Pak for Integration v2021.4 Solution Architect

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Question: 1

Which observability tool is commonly used with IBM Cloud Pak for Integration deployments to collect and analyze log data?

A. Prometheus
B. Elasticsearch
C. Grafana
D. Kibana

Answer: D

Explanation: Kibana is commonly used as an observability tool with IBM Cloud Pak for Integration deployments to collect and analyze log data. It provides a user-friendly interface for searching, visualizing, and analyzing log data stored in Elasticsearch.

Question: 2

Which foundational service in IBM Cloud Pak for Integration provides a scalable and distributed messaging backbone for event-driven architectures?

A. IBM App Connect Enterprise
B. IBM DataPower Gateway
C. IBM Event Streams
D. IBM Integration Bus

Answer: C

Explanation: IBM Event Streams is the foundational service in IBM Cloud Pak for Integration that provides a scalable and distributed messaging backbone for event-driven architectures. It allows applications to publish and consume events in a reliable and scalable manner.

Question: 3

Which component of IBM Cloud Pak for Integration provides pre-built integration patterns and connectors for connecting applications and data sources?

A. IBM App Connect Enterprise
B. IBM DataPower Gateway
C. IBM API Connect
D. IBM Integration Bus

Answer: A

Explanation: IBM App Connect Enterprise is the component of IBM Cloud Pak for Integration that provides pre-built integration patterns and connectors for connecting applications and data sources. It allows users to rapidly develop and deploy integrations using a visual, low-code approach.

Question: 4

Which scaling strategy is recommended for IBM Cloud Pak for Integration deployments to ensure high availability and resiliency?

A. Vertical scaling
B. Horizontal scaling
C. Elastic scaling
D. Manual scaling

Answer: B

Explanation: Horizontal scaling is recommended for IBM Cloud Pak for Integration deployments to ensure high availability and resiliency. Horizontal

scaling involves adding more instances or nodes to the deployment to distribute the workload and handle increased traffic. It allows for better load balancing and fault tolerance.

Question: 5

Which storage consideration is important for ensuring high availability and data durability in IBM Cloud Pak for Integration deployments?

A. Use local storage for optimal performance
B. Replicate data across multiple availability zones
C. Store data in a distributed file system
D. Utilize a high-speed network-attached storage (NAS)

Answer: B

Explanation: Replicating data across multiple availability zones is an important storage consideration for ensuring high availability and data durability in IBM Cloud Pak for Integration deployments. By replicating data across multiple zones, organizations can ensure that data remains accessible even in the event of a zone failure.

Question: 6

What is the primary purpose of the Kubernetes master node in the IBM Cloud Pak for Integration container platform architecture?

A. To manage and schedule containers across the cluster
B. To store and manage container images
C. To provide networking capabilities to the containers
D. To monitor the performance and health of the containers

Answer: A

Explanation: The primary purpose of the Kubernetes master node in the IBM Cloud Pak for Integration container platform architecture is to manage and schedule containers across the cluster. It coordinates the deployment and scaling of containers, monitors their health, and ensures that they are running as expected.

Question: 7

Which component of IBM Cloud Pak for Integration provides capabilities for monitoring and troubleshooting integrations and APIs?

A. IBM App Connect Enterprise
B. IBM DataPower Gateway
C. IBM API Connect
D. IBM Integration Bus

Answer: D

Explanation: IBM Integration Bus is the component of IBM Cloud Pak for Integration that provides capabilities for monitoring and troubleshooting integrations and APIs. It offers a range of tools and features for monitoring message flows, tracking message performance, and diagnosing and resolving issues.

Question: 8

Which component of IBM Cloud Pak for Integration provides a unified user interface for managing integrations, APIs, and event streams?

A. IBM App Connect Enterprise
B. IBM DataPower Gateway
C. IBM API Connect

D. IBM Integration Bus

Answer: C

Explanation: IBM API Connect is the component of IBM Cloud Pak for Integration that provides a unified user interface for managing integrations, APIs, and event streams. It allows users to create, manage, and secure APIs, and enables the development and deployment of integration flows.

Question: 9

Which approach is recommended for modernizing integrations using IBM Cloud Pak for Integration?

A. Rewrite the existing integrations from scratch using modern technologies
B. Replace the existing integrations with off-the-shelf integration tools
C. Rehost the existing integrations on the cloud without making significant changes
D. Reuse and extend the existing integrations with modern APIs and microservices

Answer: D

Explanation: The recommended approach for modernizing integrations using IBM Cloud Pak for Integration is to reuse and extend the existing integrations with modern APIs and microservices. This approach allows organizations to leverage their existing investments in integrations while gradually adopting modern technologies and architectures.

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

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