

C1000-173 Fragen Und Antworten & C1000-173 Online Tests



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IBM C1000-173 Prüfungsplan:

Thema	Einzelheiten
Thema 1	<ul style="list-style-type: none"> Architect with Data Governance Services: This section evaluates skills of a Data Governance Specialist, covering the architecture of knowledge catalogs to enable data discovery and management. Data Privacy architectures ensure compliance with regulatory requirements around data protection. Knowledge Accelerators involve designing solutions that speed up data governance processes through predefined policies and templates.
Thema 2	<ul style="list-style-type: none"> Architect with AI Series: This section measures the skills of an AI Solution Architect and includes designing architectures for solutions involving various IBM Watson AI services. Architecting with Watson Assistant involves creating conversational AI interfaces. Watson Discovery solutions focus on building cognitive search and content analytics applications. Watson Pipelines solutions involve orchestrating data science workflows. Watson OpenScale architectures enable AI model monitoring and governance. Architecting with Match 360 supports personalized engagement by integrating multi-channel customer insights.
Thema 3	<ul style="list-style-type: none"> Plan for a Cloud Pak for Data Implementation: This section of the exam measures the skills of an Implementation Consultant and covers determining which Cloud Pak for Data services to deploy based on organizational needs. It involves sizing the Kubernetes OpenShift cluster appropriately for workload demands and planning backup and restore strategies to ensure data protection. Planning for high availability and disaster recovery is essential to maintain uninterrupted service. Multi-tenancy requirements must be understood to support multiple user groups securely on shared infrastructure. Migration requirements need assessment to transition existing data and workloads smoothly.

Thema 4	<ul style="list-style-type: none"> • Security Requirements: This domain targets a Security Architect and focuses on planning security for a Cloud Pak for Data deployment. It includes managing certificates that secure communications, identity management systems, and access and authorization controls to enforce secure and compliant user and service interactions. The auditing features and their integration with enterprise audit systems are crucial to ensure traceability and accountability. Asset interchange security involves safeguarding data movement between services.
Thema 5	<ul style="list-style-type: none"> • Architect with Analytic Services: This domain targets a Data Analytics Architect and focuses on designing solutions using analytic components of Cloud Pak for Data. Architecting with DataStage involves creating data integration and ETL pipelines. Data Refinery architectures prepare and cleanse data for analysis. Db2 Big SQL solutions address querying large distributed data sets with SQL, facilitating analytics across diverse data sources.

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IBM Cloud Pak for Data v4.7 Architect C1000-173 Prüfungsfragen mit Lösungen (Q174-Q179):

174. Frage

An enterprise architect in a financial institute is deciding on the deployment option for Cloud Pak for Data on their existing OpenShift Container Platform cluster.

They have decided to use an automated deployment option and install Cloud Pak for Data from the cloud provider's marketplace. What are the limitations they may face with this decision?

- **A. Partial installation of the Cloud Pak for Data has to be done manually for the first time installation.**
- B. Automatic installation cannot be done for any of the Cloud Pak for Data services.
- C. Cloud Pak for Data cannot be installed on an existing cluster.
- D. Cloud Pak for Data operators cannot be co-located with the IBM Cloud Pak foundational services operators.

Antwort: A

Begründung:

According to the IBM Cloud Pak for Data 4.7 Installation Guide and official IBM documentation, when deploying Cloud Pak for Data (CP4D) via a cloud provider marketplace (such as Red Hat OpenShift OperatorHub or a cloud marketplace), the deployment process offers an automated installation method that simplifies the setup. However, there are certain limitations and manual steps that may be required during the initial installation phase.

* CP4D supports installation on an existing OpenShift Container Platform cluster, so option A is incorrect.

* Some core services and operators, including foundational services, can be installed automatically via operators, so option B is incorrect.

* Cloud Pak for Data operators and IBM foundational services operators can coexist in the same OpenShift cluster, so option C is incorrect.

* The official installation documentation for version 4.7 specifies that the initial installation requires manual intervention for partial installation - for example, manually setting up foundational services or configuring specific operators before automated installation of the rest of the platform can continue smoothly. This partial manual setup is especially relevant when using marketplace deployment to ensure all prerequisites and configurations are met.

Exact extract from IBM Cloud Pak for Data 4.7 Installation documentation:

"When deploying Cloud Pak for Data via the OperatorHub or cloud marketplace, the initial setup requires manual installation of foundational services operators and configuration of the cluster environment before proceeding with the automated installation of Cloud Pak for Data services. This partial manual step ensures proper configuration and avoids conflicts during automated

deployment."

-IBM Cloud Pak for Data Installation Guide v4.7, section "Installing from OperatorHub and Marketplace" References:
IBM Cloud Pak for Data 4.7 Installation Guide (<https://www.ibm.com/docs/en/cloud-paks/cp-data/4.7?topic=deployment-installing-from-operatorhub-marketplace>)
IBM Knowledge Center for Cloud Pak for Data 4.7

175. Frage

Which components of IBM Cloud Pak for Data are essential for implementing an end-to-end data science workflow?

- A. Decision Optimization and Streams
- **B. Watson Studio and Watson Machine Learning**
- C. Watson Knowledge Catalog and DataStage
- D. Data Refinery and Watson Studio

Antwort: B

176. Frage

Which statement is true about governing data lakes in IBM Knowledge Catalog?

- A. It increases the time and effort required for data discovery and cataloging.
- B. It relies on manual processes for accessing enterprise data.
- C. All data is masked with no user intervention.
- **D. It automates data discovery and provides access to enterprise data through virtualization.**

Antwort: D

Begründung:

Within IBM Knowledge Catalog as part of IBM Cloud Pak for Data, governing data lakes is enabled via integration with Data Virtualization. This approach supports automated data discovery, cataloging, tagging, and virtualization, allowing users to access enterprise data virtually-without physical movement. Policies and governance metadata are applied automatically to virtualized assets, enabling secure and efficient data consumption. Manual processes are not required for discovery, and data is masked selectively based on policies-not completely masked without user intervention. Thus automation and virtualization are central, making statement B correct.

177. Frage

What is a Data Refinery flow in Cloud Pak for Data?

- A. A data storage location.
- B. A machine learning model.
- C. A visualization tool.
- **D. An ordered set of data operations.**

Antwort: D

Begründung:

A Data Refinery flow in Cloud Pak for Data is an ordered set of data operations (transformations) that are applied to tabular data. It is used to cleanse, shape, and prepare data for analysis or machine learning. Users can apply filters, joins, aggregations, and custom expressions. It is not a storage location (A), ML model (B), or a visualization tool (D), though visual previews of transformed data are available.

178. Frage

When designing a virtual agent using Watson Assistant, what is a critical factor to consider for ensuring effective user engagement?

- A. Minimizing the use of entities and intents
- **B. Providing context-aware responses**
- C. Restricting the use of multi-turn conversations

