

Oracle 1Z0-1195-24

Oracle Cloud Infrastructure 2024 Data Foundations Associate

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Questions**

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Question: 1

Which Oracle Machine Learning service provides support for developing and deploying machine learning models using graphical tools and pre-built algorithms, aimed at simplifying model creation?

- A. Oracle Data Science Cloud
- B. Oracle Big Data Service
- C. Oracle Analytics Cloud
- D. Oracle Machine Learning Notebooks

Answer: D

Explanation:

Oracle Machine Learning Notebooks provides support for developing and deploying machine learning models using graphical tools and pre-built algorithms. It simplifies model creation with its user-friendly interface and integrated development environment.

Question: 2

Which component of Oracle's Maximum Availability Architecture provides automated failover capabilities to ensure continuous database operation in the event of a primary system failure?

- A. High Availability Clustering
- B. Oracle Data Guard
- C. Oracle Flashback Technology
- D. Backup and Recovery Tools

Answer: B

Explanation:

Oracle Data Guard provides automated failover capabilities to ensure continuous database operation in the event of a primary system failure. It maintains standby databases and handles automatic failover to maintain service continuity.

Question: 3

Which Oracle NoSQL Service feature allows developers to run SQL-like queries on NoSQL databases?

- A. Query Language
- B. NoSQL Query
- C. Structured Queries
- D. SQL for NoSQL

Answer: D

Explanation:

SQL for NoSQL is a feature that allows developers to run SQL-like queries on NoSQL databases. This feature provides familiar query capabilities, enabling users to leverage their SQL knowledge while working with NoSQL data models.

Question: 4

Which Oracle strategy component focuses on ensuring data security through encryption and access control?

- A. Protected Data
- B. Security Layer
- C. Data Secure
- D. Encrypted Access

Answer: C

Explanation:

Data Secure is a critical component of Oracle's strategy, focusing on encryption and access control to protect sensitive information. This approach ensures that data is only accessible to authorized users, reducing the risk of breaches.

Question: 5

What must be configured to ensure that Oracle Cloud databases have continuous availability and minimal downtime during maintenance?

- A. Continuous Sync
- B. Failover DB
- C. Data Guard
- D. High Availability

Answer: C

Explanation:

Data Guard must be configured to ensure that Oracle Cloud databases have continuous availability and minimal downtime during maintenance. Data Guard provides disaster recovery and high availability by maintaining a standby database that can quickly take over if needed.

Question: 6

Which Oracle Machine Learning (OML) component allows users to build and deploy machine learning models directly within Oracle Autonomous Database using SQL and PL/SQL?

- A. Oracle Big Data Service
- B. Oracle Machine Learning for SQL
- C. Oracle Data Science Cloud
- D. Oracle Machine Learning Notebooks

Answer: B

Explanation:

Oracle Machine Learning for SQL allows users to build and deploy machine learning models directly within Oracle Autonomous Database using SQL and PL/SQL. This component integrates machine learning capabilities directly into the database environment.

Question: 7

Which MySQL HeatWave feature enables seamless integration with Oracle Cloud's other data services for comprehensive analytics?

- A. Cloud Connect
- B. Service Fusion
- C. Data Integration
- D. Cross-Platform Sync

Answer: C

Explanation:

Data Integration is a feature of MySQL HeatWave that enables seamless integration with Oracle Cloud's other data services for comprehensive analytics. This integration facilitates the use of additional cloud services and enhances the overall data analytics capabilities.

Question: 8

Which component of Exadata ensures high availability by mirroring data across storage servers?

- A. ASM
- B. Data Guard
- C. Sync Mirror
- D. RAID Control

Answer: A

Explanation:

Automatic Storage Management (ASM) in Exadata ensures high availability by mirroring data across storage servers. ASM provides redundancy and protects against data loss in case of hardware failures, ensuring continuous database operation.

Question: 9

Which component of Oracle's Data Management Strategy focuses on automating data-driven decision-making processes?

- A. Intelligent Data
- B. Automated Process
- C. AI-Driven
- D. Smart Systems

Answer: C

Explanation:

AI-Driven processes are integral to Oracle's Data Management Strategy, automating data-driven decision-making. By leveraging AI and machine learning, Oracle enables organizations to make faster, more informed decisions with minimal manual intervention.

Question: 10

Which Oracle feature is used to monitor and manage the health of database instances and ensure that failover mechanisms are properly configured and functioning?

- A. Database Health Check
- B. Failover Simulation
- C. Oracle Cloud Infrastructure Monitoring
- D. Performance Management Tool

Answer: C

Explanation:

Oracle Cloud Infrastructure Monitoring is used to monitor and manage the health of database instances. It ensures that failover mechanisms are properly configured and functioning, providing alerts and insights to maintain system reliability.

Question: 11

Which Oracle Converged Database functionality allows for the seamless execution of graph queries alongside traditional SQL queries?

- A. Unified Query Engine
- B. Graph Integration
- C. Hybrid Query
- D. Graph Processing

Answer: D

Explanation:

Graph Processing in Oracle Converged Database allows for the seamless execution of graph queries alongside traditional SQL queries. This functionality supports complex relationship queries and analytics within the same database environment.

Question: 12

Which Oracle Cloud service allows for the integration of machine learning models into data processing workflows, enabling predictive analytics and advanced data insights directly within the data warehouse?

- A. Oracle Machine Learning for SQL
- B. Oracle Autonomous Database
- C. Oracle Big Data Service
- D. Oracle Analytics Cloud

Answer: A

Explanation:

Oracle Machine Learning for SQL allows the integration of machine learning models into data processing workflows. It enables predictive analytics and advanced data insights directly within the data warehouse by executing machine learning algorithms using SQL.

Question: 13

Which MySQL storage engine is known for its support of transactions and data integrity?

- A. CSV Engine
- B. MEMORY
- C. MyISAM
- D. InnoDB

Answer: D

Explanation:

InnoDB is the MySQL storage engine known for its support of transactions and data integrity. It provides ACID (Atomicity, Consistency, Isolation, Durability) compliance and ensures robust data management with features like row-level locking and crash recovery.

Question: 14

In Oracle's Maximum Availability Architecture, which solution enables the seamless relocation of database workloads to different geographic regions in case of a regional disaster?

- A. Cross-Region Failover
- B. Global Data Replication
- C. Data Guard Far Sync
- D. Disaster Recovery Sites

Answer: C

Explanation:

Data Guard Far Sync enables the seamless relocation of database workloads to different geographic regions in case of a regional disaster. It provides an intermediate synchronization point that helps in quick failover and minimizes downtime.

Question: 15

Which tool is recommended for migrating Oracle databases to Oracle Cloud Infrastructure, allowing for both online and offline data transfer methods?

- A. Oracle Data Guard
- B. Oracle Data Pump
- C. Oracle GoldenGate
- D. Oracle Autonomous Database

Answer: C

Explanation:

Oracle GoldenGate is recommended for migrating Oracle databases to Oracle Cloud Infrastructure. It supports both online and offline data transfer methods, providing flexibility and minimizing downtime during the migration process.

Question: 16

Which Oracle Machine Learning component enables the use of R and Python scripts for advanced data analysis and model development within Oracle Autonomous Database?

- A. Oracle Data Science Cloud
- B. Oracle SQL Developer
- C. Oracle Machine Learning for R and Python
- D. Oracle Machine Learning Notebooks

Answer: C

Explanation:

Oracle Machine Learning for R and Python enables the use of R and Python scripts for advanced data analysis and model development within Oracle Autonomous Database. This component provides support for popular programming languages in machine learning.

Question: 17

Which Oracle Cloud offering allows users to run a fully managed Exadata system in their data center?

- A. On-Prem Cloud
- B. Cloud@Cust
- C. ExaHybrid
- D. ExaFlex-X

Answer: B

Explanation:

Cloud@Customer allows users to run a fully managed Exadata system in their own data center. This offering combines the benefits of Exadata's performance with the control and security of an on-premises environment, managed by Oracle.

Question: 18

In Data Mesh architecture, which technology stack is typically used to support the distributed nature of data management and ensure interoperability between different data products?

- A. Data Integration Hub
- B. Centralized Data Lake
- C. Data Infrastructure Platform
- D. Data Warehouse Service

Answer: C

Explanation:

The Data Infrastructure Platform is used in Data Mesh architecture to support the distributed nature of data management. It ensures interoperability between different data products and facilitates seamless data access and integration across domains.

Question: 19

Which Oracle Cloud API service provides an interface to manage database users and their privileges in

Autonomous Database instances?

- A. Oracle Database Management API
- B. Oracle Identity and Access Management API
- C. Oracle User Privileges API
- D. Oracle Access Control API

Answer: B

Explanation:

The Oracle Identity and Access Management API provides an interface to manage database users and their privileges in Autonomous Database instances. It helps in configuring user access and roles.

Question: 20

Which Oracle Cloud service facilitates seamless integration between Oracle Cloud and other public clouds?

- A. Interconnect
- B. Cloud Linkage
- C. Hybrid Connector
- D. Multi-Cloud Hub

Answer: A

Explanation:

Oracle Cloud Interconnect provides seamless integration between Oracle Cloud and other public clouds like Azure, enabling businesses to run workloads across multiple cloud environments while maintaining low latency and high performance.

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