

# Exam Questions 1z0-1093-25

Oracle Cloud Database Services 2025 Professional

<https://www.2passeasy.com/dumps/1z0-1093-25/>



#### NEW QUESTION 1

Which technology within the Exadata Database Service provides intelligent data offloading and processing capabilities directly within the storage tier?

- A. Oracle Data Guard
- B. Exadata Smart Scan
- C. Oracle Active Data Guard
- D. Exadata Smart Flash Cache

**Answer: B**

#### NEW QUESTION 2

Which statement accurately describes the inherent trade-offs often associated with choosing a NoSQL database over a traditional relational database?

- A. NoSQL databases universally guarantee stronger data consistency than relational databases, but at the expense of increased operational complexity.
- B. NoSQL databases typically sacrifice strict data consistency (ACID) to gain horizontal scalability and higher availability.
- C. NoSQL databases offer superior data integrity and reduced operational overhead compared to relational databases, making them ideal for transactional systems.
- D. NoSQL databases provide simplified querying capabilities using standard SQL, enhancing developer productivity and reducing the learning curve.

**Answer: B**

#### NEW QUESTION 3

Oracle NoSQL Database Cloud Service supports operations on data based on keys. Which of the following best describes how data is primarily accessed and retrieved within this model?

- A. Data is accessed using structured query language (SQL) with joins and complex filtering conditions.
- B. Data is retrieved by traversing relationships between interconnected nodes in a graph structure.
- C. Data is primarily accessed using the unique key associated with the desired data item.
- D. Data is searched based on the content of the values using full-text indexing and complex search queries.
- E. Data is accessed through a predefined schema that dictates how data is organized and queried.

**Answer: C**

#### NEW QUESTION 4

Which two of the following describe capabilities of the Database Management service in relation to database parameter management?

- A. Database Management can automatically detect and correct parameter settings that deviate from Oracle-recommended best practices, regardless of the database edition.
- B. Database Management provides recommendations for parameter tuning based on historical performance data.
- C. Database Management facilitates comparing parameter settings between different databases or across different points in time for a single database.
- D. Database Management does not offer parameter management capabilities due to security concerns.

**Answer: BC**

#### NEW QUESTION 5

Which of the following best describes the primary purpose of table rate limiting within Oracle NoSQL Database Cloud Service?

- A. To enforce strict data consistency across all table partitions, ensuring ACID compliance.
- B. To prevent a single table from consuming excessive resources, ensuring fair allocation and preventing performance degradation for other tables and users.
- C. To automatically optimize table schema design for improved query performance.
- D. To restrict the total amount of storage space a table can consume.

**Answer: B**

#### NEW QUESTION 6

How does HeatWave address the challenges of Online Analytical Processing (OLAP) compared to traditional row-based database systems?

- A. HeatWave uses a specialized indexing technique to speed up data retrieval.
- B. HeatWave employs a columnar data format in memory, enabling faster scans and aggregations for complex queries.
- C. HeatWave leverages a distributed caching mechanism to store frequently accessed data.
- D. HeatWave automatically shards the database to distribute the workload across multiple nodes.
- E. HeatWave leverages AI-powered indexing to optimize the data retrieval.

**Answer: B**

#### NEW QUESTION 7

A critical query running on your HeatWave cluster is experiencing significant performance degradation. Which tool or service should you use to identify and analyze the specific query causing the bottleneck?

- A. OCI Vault for auditing query execution.
- B. OCI Events for tracking query start and end times.
- C. MySQL Slow Query Log and OCI Logging Analytics.
- D. OCI Network Visualizer for analyzing network latency.
- E. OCI Bastion for secure access to the query execution environment.

Answer: C

#### NEW QUESTION 8

What is the MOST effective method to minimize the recovery time objective (RTO) for a BaseDB database in the event of a complete DB system failure, assuming both cost and complexity are important considerations?

- A. Relying solely on regular full database backups.
- B. Using Oracle Data Guard with synchronous replication to a remote region.
- C. Using Oracle Data Guard with asynchronous replication to a different availability domain within the same region.
- D. Performing frequent incremental backups with block change tracking enabled.
- E. Implementing a custom script to regularly copy data files to a secondary block volume.

Answer: C

#### NEW QUESTION 9

Which statement accurately describes the patching process for Oracle Grid Infrastructure (GI) and ASM components on a BaseDB VM system when using user-managed patching?

- A. GI and ASM patching is fully automated by Oracle Cloud Infrastructure and requires no user intervention.
- B. The DBA must manually download the GI and ASM patch bundles and apply them using the appropriate patching tools.
- C. GI and ASM patching is integrated with the database patching process and is automatically handled when the database is patched.
- D. Patching GI and ASM components is only required when the operating system of the VM is upgraded.

Answer: B

#### NEW QUESTION 10

When cloning a BaseDB database for development and testing, which of the following considerations is MOST critical to ensure compliance with data privacy regulations?

- A. Ensuring the compute shape of the cloned database is identical to the production database.
- B. Masking or anonymizing sensitive data in the cloned database.
- C. Using the same database version as the production database.
- D. Maintaining the same network security group (NSG) rules as the production database.
- E. Scheduling the cloning operation during off-peak hours.

Answer: B

#### NEW QUESTION 10

Within the context of Oracle Cloud Infrastructure (OCI) Base Database Service (BaseDB) virtual machine (VM) provisioning, which action is typically the RESPONSIBILITY of the customer?

- A. Ensuring the underlying hardware infrastructure remains fault-tolerant.
- B. Managing the Oracle Grid Infrastructure software stack.
- C. Maintaining the OCI hypervisor software.
- D. Automatically applying critical security patches to the operating system.

Answer: B

#### NEW QUESTION 14

Before migrating to MySQL HeatWave, what is the MOST important action to take regarding user accounts and privileges?

- A. Reset all user passwords to default values.
- B. Ensure all user accounts and privileges are compatible with MySQL 8.0, and recreate any incompatible accounts on the target instance.
- C. Delete all user accounts except for the root account.
- D. Migrate all user accounts to use external authentication (e.g., LDAP).
- E. Merge all user accounts into a single 'admin' account.

Answer: B

#### NEW QUESTION 16

What are the two primary dimensions typically governed by table rate limits in Oracle NoSQL Database Cloud Service?

- A. Storage capacity and network bandwidth.
- B. Read throughput and write throughput.
- C. CPU utilization and memory consumption.
- D. Number of indexes and query complexity.

Answer: B

#### NEW QUESTION 19

Which is NOT a typical function provided by a NoSQL Database Cloud Service SDK related to data operations?

- A. Automatically optimizing query execution plans for best performance.
- B. Constructing requests to insert, update, or delete data records.
- C. Serializing and deserializing data between application objects and database records.

D. Handling pagination of query results.

**Answer:** A

#### NEW QUESTION 24

Which database lifecycle management operation in BaseDB requires the creation of a new database home and is non-reversible after completion?

- A. Upgrading the Oracle Grid Infrastructure.
- B. Scaling the compute shape of the VM.
- C. Upgrading the Oracle Database software version.
- D. Applying an operating system patch.
- E. Enabling Automatic Storage Management (ASM).

**Answer:** C

#### NEW QUESTION 28

What primary security mechanism within Oracle NoSQL Database Cloud Service governs access to individual tables, dictating which users or groups can perform specific actions?

- A. Virtual Cloud Network (VCN) security lists
- B. Identity and Access Management (IAM) policies
- C. Database Vault
- D. Transparent Data Encryption (TDE)

**Answer:** B

#### NEW QUESTION 32

During the provisioning of an Oracle Cloud Infrastructure (OCI) Base Database Service (BaseDB) virtual machine (VM), what is the PRIMARY purpose of specifying the database name (DB Name)?

- A. To define the hostname for the database server.
- B. To determine the operating system user account used for database administration.
- C. To create the initial database instance and its associated files.
- D. To select the character set for the operating system.

**Answer:** C

#### NEW QUESTION 35

Which two requirements must be met before you can create an Exadata Database Service VM Cluster?

- A. A configured Oracle Cloud Infrastructure (OCI) Vault and Key.
- B. A Virtual Cloud Network (VCN) with necessary subnets for client access and backups.
- C. A valid support identifier (SI) associated with the OCI account.
- D. A configured Exadata Cloud@Customer infrastructure.
- E. An Exadata Infrastructure resource must be created first.

**Answer:** BE

#### NEW QUESTION 37

Which two statements are accurate regarding the placement of VM Clusters within an Exadata Cloud Infrastructure?

- A. Only one VM Cluster can exist within an Exadata Cloud Infrastructure.
- B. Multiple VM Clusters can be created within a single Exadata Cloud Infrastructure, allowing for workload isolation.
- C. VM Clusters can span multiple Exadata Cloud Infrastructures, providing a single, unified database environment.
- D. Each VM Cluster must be associated with its own dedicated VCN, isolating network traffic between clusters.
- E. VM Clusters within the same Exadata Infrastructure can share a single VCN, simplifying network management.

**Answer:** BE

#### NEW QUESTION 41

Which two statements are true about the Oracle Cloud Infrastructure (OCI) Monitoring tools available for Base Database Service Virtual Machine DB Systems?

- A. Only Oracle Cloud Agent metrics can be used for metric data charting, alarming, and notification
- B. OS metrics can only be collected.
- C. Customer-installed monitoring agents are strictly prohibited on Base Database Service Virtual Machine DB Systems to maintain security compliance.
- D. Oracle Cloud Agent collects OS, VM, and Database metrics, which are reported to the OCI Monitoring service and can be visualized via charts or dashboards.
- E. The OCI Monitoring service allows users to define alarms based on metric thresholds, triggering notifications via OCI Notifications service.
- F. DB system performance events are only accessible via the Oracle Database Enterprise Manager interface, and these events cannot be integrated with OCI monitoring tools.

**Answer:** CD

#### NEW QUESTION 42

In a BaseDB environment configured with automatic backups, what happens to the automatic backups when the DB system is terminated?

- A. All automatic backups are immediately and permanently deleted from object storage.
- B. The most recent automatic backup is retained, while older backups are deleted.
- C. All automatic backups are retained in object storage for a period determined by the original backup retention policy.
- D. Automatic backups are migrated to a lower-cost archive storage tier.
- E. The retention of automatic backups after DB system termination is configurable during DB system creation.

**Answer:** C

#### NEW QUESTION 44

You need to implement a backup and recovery strategy for your MySQL HeatWave Database System. What is the recommended method for backing up and restoring your HeatWave cluster?

- A. Manually copying the data files from the HeatWave cluster's storage.
- B. Using the OCI Object Storage service for storing manual database dumps.
- C. Utilizing OCI Database backups, which include both the MySQL Database System and the HeatWave cluster.
- D. Relying solely on MySQL replication to another MySQL instance.
- E. Using the MySQL Enterprise Backup tool directly on the HeatWave nodes.

**Answer:** C

#### NEW QUESTION 45

The concept of 'schema-less' in the context of NoSQL databases primarily refers to what?

- A. The database automatically infers the schema from the data being inserted, without requiring any explicit schema definition beforehand.
- B. All data stored within the database must conform to a single, universally defined schema for consistency.
- C. Data is stored in a highly structured format, mirroring the tabular structure of relational databases with predefined columns and data types.
- D. Data is stored in a binary format, eliminating the need for any schema or data interpretation.

**Answer:** A

#### NEW QUESTION 46

Which of the following statements accurately describes the recommended procedure for patching Grid Infrastructure in a BaseDB VM system where the database is NOT managed by Oracle Cloud Infrastructure (OCI)?

- A. Apply the Grid Infrastructure patch directly to the DB system.
- B. OCI handles the patching order for all components automatically.
- C. Apply the database patch first, then apply the Grid Infrastructure patch to ensure compatibility.
- D. Apply the Grid Infrastructure patch first, then apply the database patch, after validating the GI is working correctly.
- E. You cannot manually patch Grid Infrastructure in a BaseDB VM system; Oracle Cloud Infrastructure manages all patching operations.

**Answer:** C

#### NEW QUESTION 48

When migrating a MySQL instance to MySQL HeatWave, which method generally provides the MINIMAL downtime for large databases?

- A. Using mysqldump to create a logical backup and restoring it to the HeatWave instance.
- B. Creating a physical backup using MySQL Enterprise Backup and restoring it to the HeatWave instance.
- C. Utilizing MySQL replication to replicate data to the HeatWave instance and then performing a switchover.
- D. Copying the data files directly from the source instance to the HeatWave instance.
- E. Using a third-party ETL tool to extract, transform, and load the data into the HeatWave instance.

**Answer:** C

#### NEW QUESTION 50

Which two are valid mechanisms for accessing OS-level metrics on a Base Database Service Virtual Machine?

- A. Utilize the vmcli utility, which allows access to OS-level metrics specific to the DB System.
- B. Access OS metrics using the OCI Metrics Explorer within the OCI Console leveraging the Oracle Cloud Agent.
- C. The only way to access OS-level metrics is through a custom monitoring agent installed directly on the VM.
- D. All OS metrics are automatically pushed to the Cloud Exadata Service Dashboard, and are not available outside of this service.
- E. Access OS metrics programmatically via the OCI Monitoring APIs, which allow retrieval of metrics collected by the Oracle Cloud Agent.

**Answer:** BE

#### NEW QUESTION 54

In the context of MySQL HeatWave, what is the purpose of the HeatWave AutoPilot feature?

- A. To automatically detect and prevent security vulnerabilities in the MySQL database.
- B. To automatically scale the number of MySQL instances based on transactional workload demands.
- C. To automate various aspects of HeatWave management, such as data placement, node sizing and resource allocation, and query scheduling.
- D. To automatically generate reports on MySQL performance and usage.
- E. To automatically back up and restore the MySQL database to Oracle Cloud Infrastructure Object Storage.

**Answer:** C

#### NEW QUESTION 56

Which of the following components is responsible for automatically offloading suitable queries from MySQL to the HeatWave accelerator?

- A. MySQL Query Optimizer
- B. HeatWave AutoPilot
- C. MySQL Router
- D. MySQL Shell
- E. Oracle Cloud Infrastructure (OCI) Load Balancer

**Answer:** A

#### NEW QUESTION 61

Which statement accurately describes the function of the HeatWave service in relation to a standard MySQL database?

- A. HeatWave is a standalone database system that replaces MySQL, offering enhanced security features.
- B. HeatWave provides an in-memory, massively parallel query accelerator to MySQL, improving analytical query performance.
- C. HeatWave is a specialized version of MySQL designed solely for transactional workloads, optimized for high concurrency.
- D. HeatWave acts as a caching layer in front of MySQL, speeding up access to frequently accessed data.
- E. HeatWave is a clustering solution, where a single MySQL instance is split into multiple parts.

**Answer:** B

#### NEW QUESTION 66

When enabling Database Management Service for a cloud database, which of the following is typically NOT a configurable parameter specific to the Database Management Service itself?

- A. The frequency at which performance metrics are collected.
- B. The specific metrics that are collected from the database.
- C. The maximum amount of storage space allocated for collected metrics.
- D. The database version.

**Answer:** D

#### NEW QUESTION 70

Which of the following is the recommended approach for migrating a large, mission-critical database from an on-premises Exadata system to Exadata Database Service with minimal downtime?

- A. Traditional export/import using Data Pump over a public network.
- B. Creating a physical standby database using Data Guard and switching over to the standby in OCI.
- C. Performing a full backup and restore to a new Exadata Database Service instance.
- D. Using SQL Developer to copy the data over a VPN connection.

**Answer:** B

#### NEW QUESTION 75

Oracle NoSQL Database Cloud Service's key-value model is well-suited for certain types of applications. Which of the following application scenarios would most directly benefit from the key-value data model's characteristics?

- A. An application requiring complex analytical queries and joins across multiple related datasets.
- B. A social media platform needing to store and retrieve individual user profiles and their associated data quickly.
- C. A financial system requiring strict transactional integrity and complex relationships between accounts and transactions.
- D. A content management system needing to enforce a rigid schema for all documents and their metadata.
- E. An enterprise resource planning (ERP) system managing intricate relationships between various business entities.

**Answer:** B

#### NEW QUESTION 77

Which of the following characteristics is most indicative of a NoSQL database's focus on scalability and availability over strict consistency?

- A. Support for complex joins and transactions across multiple tables.
- B. Enforcement of strict referential integrity constraints.
- C. Partitioning and replication of data across multiple nodes.
- D. Reliance on a centralized, single-instance architecture.

**Answer:** C

#### NEW QUESTION 79

Which two of the following options are valid statements regarding the management of the operating system on a Base Database Service Virtual Machine DB System?

- A. Direct SSH access to the underlying VM is restricted, and all OS-level operations must be performed through the Web Console.
- B. Customers have full root access to the underlying operating system of the Virtual Machine DB System, allowing for customization and installation of custom software.
- C. Oracle manages the underlying operating system patching and updates, ensuring the system remains secure and compliant.
- D. Customers are responsible for the security and maintenance of the operating system, including applying necessary patches and updates.
- E. Customers are responsible for the initial OS installation, but then patching is controlled entirely by Oracle.

**Answer:** BD

#### NEW QUESTION 84

Which two functionalities are provided by the SQL Performance Analyzer (SPA) within Database Management, aiding in cloud database tuning?

- A. Automatically rewrite SQL queries to improve their performance.
- B. Compare the performance of SQL statements before and after a database change (e.g., upgrade, parameter change).
- C. Generate a report highlighting the performance impact of a specific database change on a set of SQL statements.
- D. Analyze the execution plan of a SQL statement and suggest alternative indexing strategies.

**Answer:** BC

#### NEW QUESTION 87

Which BaseDB lifecycle management activity is MOST directly associated with ensuring the continued availability of a database instance during a planned maintenance window?

- A. Taking a full database backup using RMAN.
- B. Performing an in-place upgrade of the database software.
- C. Using Oracle Data Guard for a switchover operation.
- D. Applying a quarterly security patch.
- E. Resizing the block volume storage.

**Answer:** C

#### NEW QUESTION 91

Which two requirements must be met first to create an Exadata Database Service Instance?

- A. You only need a VCN and Universal Cloud Credits.
- B. You need to define the VCN, Private Client subnet, and Service Backup subnet.
- C. You need to define the VCN, Private Client subnet, and Private Backup subnet.
- D. There are no prerequisites for creating an Exadata Database Service instance.
- E. You need to create an Exadata Infrastructure and VM Cluster resource.

**Answer:** CE

#### NEW QUESTION 96

When provisioning an Exadata Database Service, which two networking components are mandatory?

- A. A public subnet for the Exadata Infrastructure to allow external access for monitoring.
- B. A Service Gateway to allow access to Oracle Services without traversing the public internet.
- C. A private subnet for the client network to ensure secure database access.
- D. A NAT Gateway for each VM within the VM Cluster to allow outbound internet access for patching.
- E. A private subnet for database backups to Oracle Cloud Infrastructure Object Storage.

**Answer:** CE

#### NEW QUESTION 101

.....

## THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual 1z0-1093-25 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the 1z0-1093-25 Product From:

<https://www.2passeasy.com/dumps/1z0-1093-25/>

### Money Back Guarantee

#### **1z0-1093-25 Practice Exam Features:**

- \* 1z0-1093-25 Questions and Answers Updated Frequently
- \* 1z0-1093-25 Practice Questions Verified by Expert Senior Certified Staff
- \* 1z0-1093-25 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- \* 1z0-1093-25 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year