

Exam Questions 1z0-1093-25

Oracle Cloud Database Services 2025 Professional

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



NEW QUESTION 1

When provisioning an Oracle Cloud Infrastructure (OCI) Base Database Service (BaseDB) on a virtual machine (VM), what is a primary factor that distinguishes it from using a Bare Metal database service?

- A. The database software binaries are always pre-installed.
- B. The ability to choose your own hypervisor for virtualization.
- C. The underlying hardware is dedicated solely to your instance.
- D. The ability to create multiple database homes on a single server.

Answer: C

NEW QUESTION 2

What role does the Exadata Storage Server Software play within the Exadata Database Service architecture?

- A. It manages the virtual machines hosting the database instances.
- B. It provides the operating system and management software for the database servers.
- C. It provides intelligent storage capabilities, including data filtering, compression, and encryption.
- D. It acts as a load balancer distributing connections across the database instances.

Answer: C

NEW QUESTION 3

Which two functionalities can be accomplished using the Performance Hub within Database Management for monitoring?

- A. Execute ADDM (Automatic Database Diagnostic Monitor) analysis on a historical workload.
- B. Directly modify database initialization parameters.
- C. Identify blocking sessions that are impacting database performance.
- D. Upgrade the database to a newer version.

Answer: AC

NEW QUESTION 4

Oracle NoSQL Database Cloud Service utilizes a key-value data model. Which of the following statements accurately describes the fundamental structure of data within this model?

- A. Data is organized into tables with predefined schemas, similar to relational databases.
- B. Data is stored as JSON documents with flexible structures, allowing for nested elements.
- C. Each data item is uniquely identified by a key, and the associated value can be any data type or structure.
- D. Relationships between data items are explicitly defined through foreign keys and joins.
- E. Data is structured in a graph format, representing entities as nodes and relationships as edges.

Answer: C

NEW QUESTION 5

What is the primary purpose of the AutoML feature within MySQL HeatWave?

- A. To automatically tune the MySQL server parameters for optimal transactional performance.
- B. To automate the process of building, training, and deploying machine learning models directly within the database.
- C. To automatically generate SQL queries based on natural language input.
- D. To automatically back up and restore the MySQL database to Oracle Cloud Infrastructure Object Storage.
- E. To automatically generate data visualization to present database insights.

Answer: B

NEW QUESTION 6

Which component aids in assessing the readiness of a MySQL instance for migration to MySQL HeatWave, specifically identifying potential compatibility issues?

- A. MySQL Enterprise Monitor
- B. Oracle SQL Developer
- C. MySQL Shell Upgrade Checker Utility
- D. Oracle Cloud Advisor
- E. MySQL Workbench

Answer: C

NEW QUESTION 7

Which statement accurately describes the primary function of a NoSQL Database Cloud Service SDK?

- A. To define the physical storage layout of the database.
- B. To provide a programming interface for interacting with the database, abstracting away low-level API details.
- C. To manage the underlying infrastructure hosting the NoSQL database.
- D. To configure network security policies for accessing the database.

Answer: B

NEW QUESTION 8

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 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

Which two are valid storage options you must select when provisioning Exadata Database Service using the Oracle Cloud Infrastructure (OCI) Console?

- A. Data disk group encryption using Oracle Cloud Infrastructure Vault.
- B. The size of the DATA disk group and RECO disk group.
- C. The number of CPUs required for the Exadata Database Service Instance.
- D. Data disk group compression and deduplication algorithm.
- E. The database name and version.

Answer: AB

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 12

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 14

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 17

Which data formats are directly supported by the HeatWave Lakehouse feature for querying data in object storage?

- A. Only CSV (Comma Separated Values) files.
- B. Only Parquet files.
- C. CSV, Parquet, and Avro files.
- D. Only JSON files.
- E. Only XML files.

Answer: C

NEW QUESTION 21

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 25

You are tasked with monitoring the I/O performance of an Exadata Database Service (ExaDB) using the exadcli utility. You need to retrieve detailed statistics on Smart Flash Cache usage, including read and write operations, at the storage cell level. Which exadcli command will provide the most comprehensive information?

- A. `exadcli list metriccurrent -cell -metricname "IOPS,MBPS"`
- B. `exadcli list metricdetail -cell -metricname "flashcache.*"`
- C. `exadcli list metriccurrent -cell -metricname "cell.*"`
- D. `exadcli list metrichistory -cell -metricname "flashcache_read_iops,flashcache_write_iops"`

Answer: B

NEW QUESTION 28

In a key-value NoSQL database, what is the primary mechanism for accessing data?

- A. Using SQL queries to filter and retrieve data based on complex criteria.
- B. Using a unique key to retrieve the associated value directly.
- C. Traversing relationships between nodes to find related data.
- D. Scanning all documents in the database to find matching data.

Answer: B

NEW QUESTION 31

Which of the following DOES NOT directly contribute to the calculation of provisioned read capacity units (RCUs) required for a NoSQL Database Cloud Service table?

- A. Average record size being read.
- B. Number of reads expected per second.
- C. Complexity of the security roles defined on the table.
- D. Data consistency requirements.

Answer: C

NEW QUESTION 32

Which two metrics are available for monitoring within the Performance Hub's Real-Time SQL Monitoring feature in Database Management?

- A. Physical Reads
- B. Average Active Sessions
- C. Number of CPUs on the host
- D. Database Version

Answer: AB

NEW QUESTION 37

Which prerequisite is NOT required before enabling the Database Management Service for a cloud database in Oracle Cloud Infrastructure?

- A. The database must be running and accessible.
- B. The necessary IAM policies must be in place to grant the Database Management Service access to the database.
- C. The database must be configured with automatic backups enabled.
- D. The Oracle Management Agent must be installed and running on the database host, if applicable.

Answer: C

NEW QUESTION 42

What is the MOST appropriate method for patching an Exadata Database Service infrastructure, including both database and storage servers, to maintain the latest security updates and bug fixes?

- A. Manually downloading and applying patches to each individual component.
- B. Utilizing the automated patching capabilities provided by the Oracle Cloud Infrastructure (OCI) console or API.
- C. Relying on the default OS auto-update features to handle all necessary patching.
- D. Only patching the database nodes and ignoring the storage servers unless a specific issue arises.

Answer: B

NEW QUESTION 43

You need to monitor the data loading process into your HeatWave cluster to ensure optimal performance. Which OCI service provides the most detailed information on data loading operations and potential bottlenecks?

- A. OCI Notifications
- B. OCI Service Connector Hub
- C. OCI Monitoring with HeatWave specific metrics
- D. OCI Streaming
- E. OCI Functions

Answer: C

NEW QUESTION 46

When migrating to MySQL HeatWave on Oracle Cloud Infrastructure (OCI), what is the recommended method for securely transferring large database backups?

- A. Transferring the backup files directly over the public internet using FTP.
- B. Shipping physical hard drives containing the backup files to the OCI data center.
- C. Using the Oracle Cloud Infrastructure Data Transfer Service with physical storage appliances.
- D. Creating a secure VPN connection and transferring the backup files using scp.
- E. Use of Data Pump with a database link.

Answer: C

NEW QUESTION 48

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 51

Which two tools can you use to create a HeatWave MySQL Database Service System?

- A. OCI Console
- B. OCI Command Line Interface
- C. OCI Bastion Server
- D. MySQL Shell on OCI Compute
- E. OCI SQL Developer

Answer: AB

NEW QUESTION 56

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 61

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 64

When a new security patch is released for the Oracle Database software on a BaseDB VM system, what is the recommended approach for applying it in a production environment?

- A. Immediately apply the patch directly to the production database during off-peak hours to minimize potential security vulnerabilities.
- B. Download the patch and apply it to a non-production environment that mirrors the production environment for testing before applying it to production.
- C. Wait for Oracle Cloud Infrastructure to automatically apply the security patch to all BaseDB VM systems.
- D. Apply the patch to a production standby database (if one exists) and then failover to the patched standby.

Answer: B

NEW QUESTION 65

Which two options correctly describe methods for accessing and managing the Exadata Infrastructure?

- A. Direct SSH access to the Exadata Infrastructure compute nodes is permitted for customers with root privileges.
- B. Management of the Exadata Infrastructure is primarily performed through the Oracle Cloud Infrastructure (OCI) console and APIs.
- C. The dbcli utility, used for database administration on VM DB Systems, can also be used to manage the Exadata Infrastructure.
- D. Customers have direct access to the Exadata storage cells, allowing them to modify storage configurations.
- E. Exadata Infrastructure management is solely managed by Oracle and is not directly accessible to customers.

Answer: BE

NEW QUESTION 70

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 75

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 80

Which characteristic is MOST indicative of an Oracle Cloud Infrastructure (OCI) Base Database Service (BaseDB) virtual machine (VM) deployment compared to using Autonomous Database?

- A. Automated patching and upgrades handled by Oracle.
- B. Shared Exadata infrastructure with other tenants for cost optimization.
- C. Direct control over the operating system and database configuration.
- D. Automatic scaling of compute and storage resources based on workload demands.

Answer: C

NEW QUESTION 85

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 86

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 87

In the context of BaseDB Database Lifecycle Management, what is the primary purpose of a "pre-check" utility before applying a patch or upgrading the database?

- A. To automatically back up the database before the patch or upgrade.
- B. To determine if the patch or upgrade is compatible with the existing database environment and identify potential conflicts.
- C. To install the patch or upgrade in a test environment for validation.

- D. To optimize the database performance after the patch or upgrade.
- E. To migrate data to a different storage tier.

Answer: B

NEW QUESTION 90

When upgrading the Oracle Database software version on a BaseDB VM system, what is the primary responsibility of the database administrator (DBA) regarding the underlying operating system?

- A. The DBA is responsible for initiating and managing the operating system upgrade process through the Oracle Cloud Infrastructure console.
- B. The DBA must ensure the operating system is compatible with the target Oracle Database software version before initiating the database upgrade.
- C. The DBA has no direct responsibility for the operating system as it is fully managed by Oracle Cloud Infrastructure.
- D. The DBA should manually update the operating system packages after the database upgrade is successfully completed.

Answer: B

NEW QUESTION 93

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 97

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 98

Which statement BEST describes the primary architectural distinction between Exadata Database Service and a traditional Oracle Database deployed on virtual machines in the cloud?

- A. Exadata Database Service utilizes only virtualized compute nodes, while traditional deployments use bare metal.
- B. Exadata Database Service integrates specialized, high-performance storage servers and a high-bandwidth, low-latency RDMA over Converged Ethernet (RoCE) network, optimized for database workloads, which are not present in typical cloud VM deployments.
- C. Exadata Database Service exclusively supports Oracle RAC, while traditional cloud deployments can support both single-instance and RAC databases.
- D. Exadata Database Service uses a completely different SQL parsing engine compared to a traditional Oracle Database.

Answer: B

NEW QUESTION 100

Which of the following is a proactive strategy to avoid encountering table rate limits in Oracle NoSQL Database Cloud Service?

- A. Regularly increasing the table's storage capacity to accommodate future growth.
- B. Carefully designing the table schema and indexes to optimize query performance and minimize the number of read/write operations required.
- C. Disabling data encryption to reduce the overhead of read/write operations.
- D. Consolidating all data into a single large table to simplify management.

Answer: B

NEW QUESTION 101

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 102

Which two statements regarding the use of tags in conjunction with Database Management for monitoring are true?

- A. Tags can be used to group databases for easier monitoring and analysis in Database Management.
- B. Tags propagate automatically from the database to Database Management; no additional configuration is required.
- C. Tags can be used to filter and search for specific databases within the Database Management console.
- D. Database Management does not support the use of tags for any monitoring or filtering purposes.

Answer: AC

NEW QUESTION 104

You are managing an Exadata Database Service (ExaDB) and need to perform a full backup of the database to Oracle Cloud Infrastructure Object Storage using the `bkup_api` utility. The backup must include all datafiles and control files. Which `bkup_api` command will achieve this?

- A. `bkup_api bkup_start --dbname=dbname`
- B. `bkup_api bkup_start --datafiles --controlfile --dbname=dbname`
- C. `bkup_api bkup_start --full --dbname=dbname`
- D. `bkup_api bkup_start --all --dbname=dbname`

Answer: C

NEW QUESTION 109

Within the context of Exadata Database Service, what does scaling out primarily refer to?

- A. Increasing the CPU core count of a single database server VM.
- B. Adding additional database server VMs and storage servers to the Exadata system.
- C. Upgrading the version of the Oracle Database software.
- D. Expanding the amount of RAM available to a single database instance.

Answer: B

NEW QUESTION 114

You are responsible for managing the storage configuration of an Exadata Database Service (ExaDB). You need to use the `cellcli` utility to modify the IORM (I/O Resource Management) settings to prioritize critical database workloads. Specifically, you want to adjust the share allocation for a specific database. Which `cellcli` command will accomplish this?

- A. `cellcli alter iormplan database dbname shares=value`
- B. `cellcli configure iormplan database dbname shares=value`
- C. `cellcli modify iormplan database dbname shares=value`
- D. `cellcli change iormplan database dbname shares=value`

Answer: A

NEW QUESTION 117

.....

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