



ORACLE 1Z0-064

Oracle Database Performance Management and Tuning Certification
Questions & Answers

Exam Summary – Syllabus – Questions

1Z0-064

Oracle Certified Expert Oracle Database 12c Performance Management and Tuning

84 Questions Exam – 62% Cut Score – Duration of 150 minutes

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Know Your 1Z0-064 Certification Well:

The 1Z0-064 is best suitable for candidates who want to gain knowledge in the Oracle Database 12c. Before you start your 1Z0-064 preparation you may struggle to get all the crucial Database Performance Management and Tuning materials like 1Z0-064 syllabus, sample questions, study guide.

But don't worry the 1Z0-064 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the 1Z0-064 syllabus?
- How many questions are there in the 1Z0-064 exam?
- Which Practice test would help me to pass the 1Z0-064 exam at the first attempt?

Passing the 1Z0-064 exam makes you Oracle Certified Expert Oracle Database 12c Performance Management and Tuning. Having the Database Performance Management and Tuning certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

Oracle 1Z0-064 Database Performance Management and Tuning Certification Details:

Exam Name	Oracle Database 12c - Performance Management and Tuning
Exam Code	1Z0-064
Exam Price	USD \$245 (Price may vary by country or by localized currency)
Duration	150 minutes
Number of Questions	84
Passing Score	62%
Format	Multiple Choice Questions (MCQ)
Recommended Training	Oracle Database 12c: Performance Management and Tuning Oracle Database Learning Subscription

	<u>Unlimited Learning Subscription - All Technology</u>
Schedule Exam	<u>Pearson VUE</u>
Sample Questions	<u>Oracle Certified Expert Oracle Database 12c Performance Management and Tuning (OCE)</u>
Recommended Practice	<u>1Z0-064 Online Practice Exam</u>

1Z0-064 Syllabus:

Basic Tuning Diagnostics	<ul style="list-style-type: none"> - Describe the time model - Explain wait events - Diagnose performance problems using V\$ views
Using Automatic Workload Repository	<ul style="list-style-type: none"> - Analyze database performance using AWR reports
Using Metrics and Alerts	<ul style="list-style-type: none"> - Monitor performance using metric thresholds and alerts
Using Baselines	<ul style="list-style-type: none"> - Use AWR baselines to monitor performance
Using AWR-Based Tools	<ul style="list-style-type: none"> - Diagnose performance issues using ADDM - Diagnose performance issues using ASH reports
Monitoring Real-Time Database Operation	<ul style="list-style-type: none"> - Implement Real-Time Database Operation Monitoring
Monitoring Applications	<ul style="list-style-type: none"> - Configure and use services to monitor database performance
Identifying Problem SQL Statements	<ul style="list-style-type: none"> - Interpret execution plans - Use formatted output of SQL Trace or the optimizer trace to identify poorly performing SQL statements
Influencing the Optimizer	<ul style="list-style-type: none"> - Explain how statistics influence the optimizer - Configure parameters to influence the optimizer
Reducing the Cost of SQL Operations	<ul style="list-style-type: none"> - Use Automatic Segment Space Management to optimize space management - Use table compression - Diagnose and tune space related issues
Using SQL Performance Analyzer	<ul style="list-style-type: none"> - Use SQL Performance Analyzer to test the impact of database changes
SQL Performance Management	<ul style="list-style-type: none"> - Manage optimizer statistics - Use SQL Profiles and Advisors to tune SQL statements - Use SQL Plan Management to tune SQL statements
Using Database Replay	<ul style="list-style-type: none"> - Use Database Replay to check impact of system change on performance
Tuning the Shared Pool	<ul style="list-style-type: none"> - Diagnose and resolve hard and soft parsing problems - Diagnose and resolve performance issues related to the shared pool
Tuning the Buffer Cache	<ul style="list-style-type: none"> - Diagnose and resolve performance issues related to the buffer cache

Tuning PGA and Temporary Space	- Diagnose and resolve performance issues related to PGA - Diagnose and resolve performance issues related to temporary tablespace
Using Automatic Memory	- Use and tune Automatic Shared Memory Management - Use and tune Automatic Memory Management
Tuning I/O	- Diagnose database I/O issues - Configure Automatic Storage Management (ASM) for maximum availability
Using the Database Resource Manager	- Understand and configure the Database Resource Manager

Oracle 1Z0-064 Sample Questions:

Question: 1

The optimizer creates an execution plan that performs the action requested by the SQL statement. The execution plan shows you the access path and associated cost estimates.

Identify the tools that can display the execution plan.

(Choose three.)

- a) SQL Tuning Advisor
- b) The EXPLAIN PLAN command
- c) SQL Profiles
- d) The DBMS_XPLAN.DISPLAY procedure
- e) SQL Plus AUTOTRACE

Answer: a, d, e

Question: 2

A SQL statement that uses more resources than necessary is considered bad SQL. Which of the following are characteristics of bad SQL?

(Choose two.)

- a) Does full table scans
- b) Does large amount of physical I/O
- c) Does not use indexes
- d) Has a large number of waits
- e) Has a large number of parses

Answer: b, d

Question: 3

Your database supports multiple applications. The applications run on the middle tier and use connection pooling for connecting to the database.

You notice that the sessions created by the applications are competing for resources. You want to statistically measure the workload and set priorities.

What action must you perform to achieve this?

- a) Create services for the applications and set a relative priority by assigning them to application users and using the `DBMS_MONITOR.SERV_MOD_ACT_TRACE_ENABLE` procedure to trace the services.
- b) Create services for the applications and set a relative priority by assigning them to application users and using the `DBMS_MONITOR.SESSION_TRACE_ENABLE` procedure to trace the services.
- c) Create services for the applications and set the relative priority of services within an instance by mapping the services directly to consumer groups.
- d) Create services for the applications and set a relative priority by assigning them to application users.

Answer: a

Question: 4

For your database some users complain about not being able to execute transactions.

Upon investigation, you find that the problem is caused by some users performing long-running transactions that consume huge amounts of space in the UNDO tablespace.

You want to control the usage of the UNDO tablespace only for these user sessions. How would you avoid the issue from repeating in future?

- a) Create a profile for the users with the `LOGICAL_READS_PER_SESSION` and `LOGICAL_READS_PER_CALL` limits defined.
- b) Create external roles to restrict the usage of the UNDO tablespace and assign them to the users.
- c) Implement a Database Resource Manager plan by mapping the users to a resource consumer group with limits defined for UNDO tablespace usage.
- d) Set the threshold for UNDO tablespace usage for the users.

Answer: c

Question: 5

Which two statements are true about ADDM or Real-Time ADDM?

(Choose two.)

- a) ADDM can be run manually by selecting any range of AWR snapshots available within the AWR retention period, provided they do not cover a time period when the instances were restarted.
- b) ADDM runs in Partial mode to analyze any hung database issues.
- c) Real-Time ADDM can proactively detect and diagnose transient performance issues that last for a few seconds.
- d) Real-Time ADDM is automatically invoked by ADDM at the end of every hour.

Answer: a, c

Question: 6

Which two statements are true about DB time in V\$SYS_TIME_MODEL?

(Choose two.)

- a) DB time cannot exceed the total elapsed time (wall clock time) since the database instance started.
- b) DB time cannot exceed the maximum number of concurrent sessions multiplied by the actual elapsed time for each session.
- c) DB time includes the time spent on client processes and background processes.
- d) Reducing DB time allows a database instance to support more user requests by using the same resources.
- e) DB time is always greater than or equal to the DB CPU time.

Answer: d, e

Question: 7

Every database tuning session has some common steps. Which of the following is not a tuning step?

- a) Develop a trial solution.
- b) Capture statistics.
- c) Identify the problem.
- d) Take a backup.
- e) Test the solution and measure the change.

Answer: d

Question: 8

Which two statements are true about gathering statistics?

(Choose two.)

- a) If an application has only SQL statements with bind variables, it is better to drop existing histograms, disable creation of histograms, and allow the optimizer to select the best execution plans.
- b) If end users query newly inserted data, it is possible to get a suboptimal execution plan even if the automatic statistics gathering job is enabled.
- c) If concurrent statistics gathering is done by using parallel execution, the Resource Manager should be used for efficient resource management.
- d) For each session that is accessing a global temporary table, the optimizer uses only the shared statistics.

Answer: b, c

Question: 9

Database Replay can be used to determine the overall performance change for a variety of situations. Which of the following performance tests is NOT a proper use of Database Replay?

- a) A change in operating system versions
- b) A workload applied to a different database version
- c) A workload from a single instance applied to RAC database
- d) A set of SQL statements between database versions

Answer: d

Question: 10

In which three situations can dynamic statistics be used?

(Choose three.)

- a) when the sampling time is a small fraction of the total time for a query
- b) when an execution plan is suboptimal because of complex predicates
- c) when extended statistics are not available for SQL statements that use complex predicates
- d) when a query is on a partitioned table with a global index
- e) when index statistics are missing on a column that is used in SQL statements with highly selective filters

Answer: a, b, c

Study Guide to Crack Oracle Database Performance Management and Tuning 1Z0-064 Exam:

- Getting details of the 1Z0-064 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the 1Z0-064 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Oracle provided training for 1Z0-064 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the 1Z0-064 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on 1Z0-064 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for 1Z0-064 Certification

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