

# Version: 8.0

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## Question: 1

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What two statements are true when you are using SQL Tuning Advisor and create a SQL Profile to improve performance of a SQL statement issued by a packaged application?

- A. You need to regularly run SQL Tuning Advisor to verify if the SQL Profile can be replaced with a better one.
- B. After a SQL Profile is created, it will then run efficiently for the life of the database.
- C. The SQL Profile rewrites the SQL Statement issued by the application so it appears to the Optimizer as a perfectly written SQL statement.
- D. You can have only one SQL Profile active at one time for a single SQL statement.
- E. You need Oracle Database 12c or later to use SQL Profiles.
- F. SQL Profiles can be used for non-Oracle databases like Microsoft SQL Server, if the Tuning Pack is licensed.

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**Answer: AE**

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## Question: 2

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A customer has database performance issues within their Oracle Real Application Cluster. What is the next step?

- A. Run the V\$RAC script to dump all the RAC statistics and look for what has the highest metric accumulation.
- B. Use the application load testing utility to overload a copy of their application in development to flush out the issue.
- C. Turn off RAC interconnects to isolate any network issues impacting database performance problems.
- D. Use a third-party RAC tool to identify the bad SQL and then rewrite it.
- E. Utilize the Oracle Database Performance Method to help identify and correct issue.

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**Answer: E**

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## Question: 3

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For which two capabilities would you implement Segment Advisor in order to aid a customer trying to find and fix performance issues related to database space?

- A. to determine if objects have unused space that can be released
- B. to advise if materialized views can be used to reduce size of views
- C. to review space usage of individual schema objects or tablespaces
- D. to advise if there are any duplicate indexes and automate their removal
- E. to identify any fragmentation in the database cache or swap space

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**Answer: AC**

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**Question: 4**

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What are three activities an Oracle Database Performance and Tuning solution enables a customer to perform?

- A. standardize database troubleshooting and diagnostics
- B. control database clouds.
- C. automate database performance management
- D. perform global database backup
- E. outsource database operations
- F. replay and test actual workloads to assure database performance and consolidatios.

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**Answer: CDE**

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**Question: 5**

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Which two would automatically create an entry in V\$SQL\_MONITOR?

- A. a parallelized SQL statement
- B. any SQL statement run
- C. any DML statement
- D. a statement that consumes at least 1 second of CPU or I/O time.
- E. a statement that consumes at least 5 second of CPU or I/O time.
- F. any DDL statement

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**Answer: CF**

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Explanation:

Reference:

[https://docs.oracle.com/database/121/TGSQL/tgsql\\_monit.htm#TGSQL789](https://docs.oracle.com/database/121/TGSQL/tgsql_monit.htm#TGSQL789)

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**Question: 6**

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Reviewing Automatic Workload Repository (AWR) reports for CPU and I/O exceptions, the time model displays SQL execution elapsed time as a major component of DB Time. Which two are next steps to diagnose the problem further?

- A. Review Operating System processes for any zombies.
- B. Review SQL statistics from the Automatic Workload Repository (AWR).
- C. Run a STATSPACK report.
- D. Review Automatic Database Diagnostic (ADDM) recommendations.
- E. Review all system configuration parameters.

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**Answer: CD**

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**Question: 7**

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An advanced fault diagnostic infrastructure introduced as of Oracle Database 11g, assigns an incident number and diagnostic data when a critical error occurs. What is the feature and where does it store that data?

- A. Oracle Enterprise Manager. Data is stored in the OEM Repository.
- B. MyOracle Support. Data is stored in Oracle Cloud.
- C. Automatic Workload Repository. Data is stored in views inside the Oracle database.
- D. Automatic Diagnostic Repository. Data is stored in views inside the Oracle database.
- E. Automatic Diagnostic Repository. Data is stored in a file-based repository outside the database.

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**Answer: E**

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Explanation:

The data is then stored in the Automatic Diagnostic Repository (ADR) — a file-based repository outside the database

Reference:

[https://docs.oracle.com/cd/B28359\\_01/server.111/b28310/diag001.htm](https://docs.oracle.com/cd/B28359_01/server.111/b28310/diag001.htm)

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**Question: 8**

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Which two could Oracle Database Replay is used to validate performance?

- A. applying workload to an application after an operating system patch
- B. applying a workload from one database release to another database release
- C. moving a workload from a single database instance and applying it to an Oracle Real Application Cluster(RAC)
- D. to check and compare if a specific set of SQL statements have regressed between two different databasereleases
- E. to find the least-used SQL statement

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**Answer: AC**

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**Question: 9**

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Which one is a type of user session and client request supported by Database Replay?

- A. XA transactions
- B. Oracle Call Interface (OCI) based object navigations
- C. SQL-based object access
- D. Flashback queries
- E. Database Resident Connection Pooling (DRCP)

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**Answer: C**

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Explanation:

Reference:

[https://docs.oracle.com/cd/E11882\\_01/server.112/e41481/dbr\\_capture.htm#RATUG115](https://docs.oracle.com/cd/E11882_01/server.112/e41481/dbr_capture.htm#RATUG115)

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**Question: 10**

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DBAs use scripts and a third-party tool that access Automatic Workload Repository (AWR) snapshot reports, but don't use Oracle Enterprise Manager. The IT Manager seeks to confirm what the DBAs told him – Its OK since they licensed Oracle Database Enterprise Edition and not the Standard Edition. Which is the correct response for this scenario?

- A. With an Oracle Enterprise Edition Database license, a customer can use any Oracle option they want, at any of their worldwide locations, without additional licensing.
- B. No matter how AWR snapshot reports are accessed, Oracle Enterprise Edition Database customers need to be licensed for the Oracle Diagnostic Pack for Oracle Databases.
- C. With an Oracle Database Enterprise Edition license, an Oracle customer can use any Oracle option they want, at that location, without additional licensing.
- D. No matter how AWR snapshot reports are accessed, Oracle Enterprise Edition Database customers need to be licensed for the Advanced Analytic Pack for Oracle Databases.
- E. With an Oracle Database Enterprise Edition license, an Oracle customer can access AWR snapshots by using SQL. If you use anything else, then you need an additional license.

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**Answer: C**

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