1Z0-417$^{Q\&As}$

Oracle Database

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QUESTION 1

Select two scenarios that an Oracle Database Performance and Tuning solution implementation addresses.

A. After migration off a legacy system, an ERP team complains that they have no ability to isolate performanceproblems in the new distributed Oracle Database architecture.

B. An HR Team claims that it can hire staff fast enough to meet business demands.

C. Development Team members demand that their SQL should run fast while the DBAs blame SQL as theroot of performance issues.

D. To prepare for an upcoming code audit, developers need to review their SQL and PL/SQL code for syntaxand runtime errors.

E. Systems and Storage teams report that over the past 12 month, it is taking 40% longer time to back up theservers with Oracle databaseson them.

Correct Answer: BC

QUESTION 2

When implementing an Oracle Database Performance and Tuning solution, which are three product technologies recommended for use as your base configuration?

A. SQL Tuning Pack for Oracle Database

B. Oracle Tuning Pack for Oracle Database

C. Oracle Performance Pack for Oracle Database

D. Oracle Diagnostics Pack for Oracle Database

E. Oracle Real Application Testing

F. Oracle SQL Developer

G. STATSPACK

Correct Answer: BDE

QUESTION 3

You need to limit the resources available to each Pluggable Database (PDB) within a Container Database (CDB). Utilizing Resource Manager, which are three options that can be managed by a resource plan?

A. memory

B. CPU

C. Parallel Execution Servers

D. shares of systemresources

E. number of users

F. number of tables or indexes

G. number of indexes

Correct Answer: BCD

QUESTION 4

For which one would you use an index fast full scan to improve performance?

A. a query having all the columns of an index in the where clause

B. a query that does not need to access table rows

C. a query that needs to access table rows along with an index

D. a column in an index that is compressed

Correct Answer: A

QUESTION 5

You are reviewing an Automatic Database Diagnostic Monitor report. What is DB Time% a percentage of?

A. total CPU time

B. elapsed response time

C. total time in database calls by all processes

D. total time in V$ views

E. time that users wait for the database to respond

Correct Answer: C

QUESTION 6

An advanced fault diagnostic infrastructure introduced as of Oracle Database 11g, assigns an incidentnumber 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.

Correct Answer: E

QUESTION 7

Which are three use cases in which SQL Performance Analyzer can be used?

A. find and flashback explain plan anomalies

B. simulate Exadata on existing hardware

C. forecast impact of a system change on aSQL workload

D. compare performance of SQL statements before and after a change

E. debug SQL code syntax before and after a change

F. JSQL Heap Memory overflow testing

Correct Answer: BCE

QUESTION 8

Which is the default statistics gatheringperiod for Automatic Database Diagnostics Monitoring (ADDM)?

A. every 30 seconds

B. every 60 minutes

C. every 30 minutes

D. every 24 hoursE. every 40 hours

Correct Answer: A

QUESTION 9

Which are three practices that developers can use to enhance performance, scalability, and availability of Oracle Database-driven applications?

A. Implement primary and foreign keys, enforce database integrity, joins, message queuing, maintenance ofsequencesoutside of the database.

B. Use Big Data to hold everything into one big table.

C. Maintain and analyze performance statistics using AWR and ADDM.

D. Eliminate hot spots in applications, monitor, measure, and optimize SQL statement execution.

E. Perform testing with Real Application Testing.

Correct Answer: ACE

QUESTION 10

In an Active Session History report, which response is correct?

A. 60 minutes of ASH data can be held in memory, so only 1 hour can be reported.

B. 60 minutes of ASH data can be held in memory, but more than 1 hour can be reported.

C. ASH data is available 24 hoursbecause AWR snapshots refresh every night.

D. As ASH data is flushed every 60 seconds, you need to set up a snapshot withDBA_JOBSfor what you want to keep.

Correct Answer: A

QUESTION 11

To isolate performance problem in an Oracle real Application Cluster, for which two abilities would you implement Oracle Diagnostics Pack for Oracle Databases?

A. Cluster-wide performance analysis and reports with ADDM on issues that affect an entire databaseas wellas its individual instances.

B. Database-wide analysis of global resources by ADDM for high-load SQL, global cache interconnect traffic,and skew in instance response times.

C. ADDM X$ and V$ performance analysis and reports that compare the overall RAC Database to the sum ofits individual database instances.

D. ADDM recommendations inclusive of SAN and NFS mounted storage to pinpoint issues within the storagecache.

E. ADDM\\'s ability to review SNMP trap error messages and automatically open trouble tickets.

Correct Answer: CD

QUESTION 12

As of Oracle Database 12c, which functionality to access database diagnostic and performance has been superseded by Oracle Enterprise Manager Database Express?

A. SQL Developer

B. SQL Plus

C. Database console

D. SQL Express

E. Grid Control

Correct Answer: C

QUESTION 13

When planning an Oracle Database architecture, which are three caching functionalities that would improve application response time and speed up query processing?

A. Result Cache

B. Mega Cache

C. Oracle In-Memory Database Cache

D. Database Smart Flash Cache

E. Oracle In-Memory DBSTATS Cache

Correct Answer: ACD

QUESTION 14

For which use case would you utilize SQL Performance Analyzer and optimizer pending statistics functionality?

A. to test performance after an upgrade to an Oracle Real Application Cluster

B. to test performance of an Operating System patch

C. to test effect of new Optimizer statistics

D. to test performance after a database upgrade

E. to test performance just after a database reboot

Correct Answer: A

QUESTION 15

Which three are SQL Performance Analyzer capabilities that enable forecasting impact of system changes on a SQL workload?

A. measuring performance before and after the change

B. generating a list of SQL Hints that the Optimizer will use to improve overall performance

C. identifying the SQL statements that regressed or improved

D. providing tuning recommendations for each SQL statement that is regressed

E. measuring performance and comparing to industry benchmarks (TPC-C, TPC-D)

F. measuring a change in user session logins

Correct Answer: ACE