

1Z0-497^{Q&As}

Oracle Database 12c Essentials

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QUESTION 1

Which statement about the Queryable Patch inventory feature is false?

- A. It is used to retrieve installed patch information from a SQL prompt.
- B. It uses the PREPROCESSOR feature, which allows users to preprocess input data before it is sent to the access drivers.
- C. DBMS_QOPATCH provides a PL/SQL or SQL interface to view the database patches installed.
- D. It works in an Oracle database instance that is mounted. Therefore, it works in ASM instances and DG instances.

Correct Answer: B

*

New in Oracle 12c is queryable Opatch. Oracle offers a set of tables and a PL/SQL packages to query the Oracle Inventory. Prior to Oracle 12c, it was not easy to List Oracle patches. Now from Oracle 12c and beyond, you can use the DBMS_QOPATCH package to list all patches.

*

Using DBMS_QOPATCH feature, users can do:

Query what patches are installed from SQL*Plus.

Write wrapper programs to create reports and do validation checks across multiple environments. Check patches installed on Oracle RAC nodes from a single location instead of having to log onto each one in turn.

QUESTION 2

Which four statements about users in Oracle Database 12c are correct?

- A. A common user cannot have the same name as any local user across all PDBs.
- B. A common user can be created only in the root container.
- C. A local user with the proper privileges can also create a common user.
- D. If a PDB is closed, the common and local users of the PDB are not visible.
- E. A common user with the proper privileges can create a common user by using the CONTAINER=CURRENT clause.
- F. A common user is one that has the same username and authentication credentials across multiple PDBs.

Correct Answer: ABEF

QUESTION 3

Which two are client-side components of Oracle Data Guard Broker?

- A. Oracle Enterprise Manager Cloud Control
- B. Oracle Data Guard monitor
- C. Oracle Data Guard command-line interface (DGMGRL)
- D. Oracle Data Guard Broker Manager

Correct Answer: CD

Reference: <http://books.google.com.pk/books?id=qKbiQrYZAUCandpg=PA55andlpg=PA55anddq=clientside+components+of+Oracle+Data+Guard+Brokerandsource=blandots=hHTjqx70n7andsig=1SkypkiGuUR1uPpy0QLGFPqy4mwandhl=enandsa=Xandei=qsT7Us7VDMWN7AavYCgCgandved=0CEQQ6AEwAw#v=onepageandq=client-side%20components%20of%20Oracle%20Data%20Guard%20Brokerandf=false>

QUESTION 4

Which statement is true regarding this connect string?

```
(DESCRIPTION (FAILOVER=on) (ADDRESS_LIST=(LOAD_BALANCE=ON) (ADDRESS=(host=sales-east1) (port=1522) ) (ADDRESS=(host=sales-east2) (port=1522)) (ADDRESS=(host=sales-east3) (port=1522) )) (ADDRESS_LIST=(LOAD_BALANCE=ON) (ADDRESS=(host=sales-west1) (port=1522) ) (ADDRESS=(host=sales-west2) (port=1522)) (ADDRESS=(host=sales-west3) (port=1522) )) (CONNECT_DATA=(SERVICE_NAME=sales) (REGION=east)))
```

- A. It contains three global service managers in the client's local region (east).

- B. Client-side load balancing has been enabled only for the global service managers within the client's buddy (west).
- C. Connect-time failover between regions has not been enabled.
- D. The REGION parameter is optional.

Correct Answer: D

QUESTION 5

For which database operation do you need the database to be in MOUNT state?

- A. renaming the control files
- B. re-creating the control files
- C. dropping a user in your database
- D. dropping a tablespace in your database
- E. configuring the database instance to operate in ARCHIVELOG or NOARCHIVELOG mode

Correct Answer: E

To enable or disable archiving, the database must be mounted but not open.

Note: See step 5 below.

Changing the Database Archiving Mode

To change the archiving mode of the database, use the ALTER DATABASE statement with the ARCHIVELOG or NOARCHIVELOG clause. To change the archiving mode, you must be connected to the database with administrator privileges (AS SYSDBA).

The following steps switch the database archiving mode from NOARCHIVELOG to ARCHIVELOG:

1. Shut down the database instance
2. Back up the database.
3. Edit the initialization parameter file to include the initialization parameters that specify the destinations for the archived redo log files
4. Start a new instance and mount, but do not open, the database.

STARTUP MOUNT

To enable or disable archiving, the database must be mounted but not open.

5. Change the database archiving mode. Then open the database for normal operations.

ALTER DATABASE ARCHIVELOG;

ALTER DATABASE OPEN;

6.Shut down the database.

SHUTDOWN IMMEDIATE

7.Back up the database.

QUESTION 6

Which process is responsible for writing the contents of database buffers to data files?

- A. Process Monitor process (PMON)
- B. Listener Registration process (LREG)
- C. System Monitor process (SMON)
- D. Database Writer process (DBW)
- E. Log Writer process (LGWR)
- F. Checkpoint process (CKPT)

Correct Answer: D

Reference: http://docs.oracle.com/cd/E11882_01/server.112/e25789/process.htm#CNCPT1254 (see database writer process (DBW))

QUESTION 7

Oracle Database 12c provides new task-specific privileges (SYSBACKUP, SYSDG, and SYSKM) to handle standard administration duties. Which two statements about these standard administration privileges are true?

- A. These administrative privileges enable you to connect to the database only if the database is open.
- B. After connecting with these privileges, you are connected under a predefined user whose name is the privilege name.
- C. These administrative privileges allow a user to view DBA_xxx, GV\$, VS, and SELECT on application tables.
- D. Without being a member of OSBACKUP, OSDG, and OSKM OS groups, users cannot connect as administrative users by using OS authentication.

Correct Answer: AB

QUESTION 8

Which three statements are true about database storage structures?

- A. A data file can span across tablespaces.
- B. An extent contains one or more segments.
- C. Tablespaces contain one or more data files.
- D. Data objects are stored as segments in tablespaces.
- E. Segments can span across data files within a tablespace.

Correct Answer: CDE

Not B: Segments contain extents.

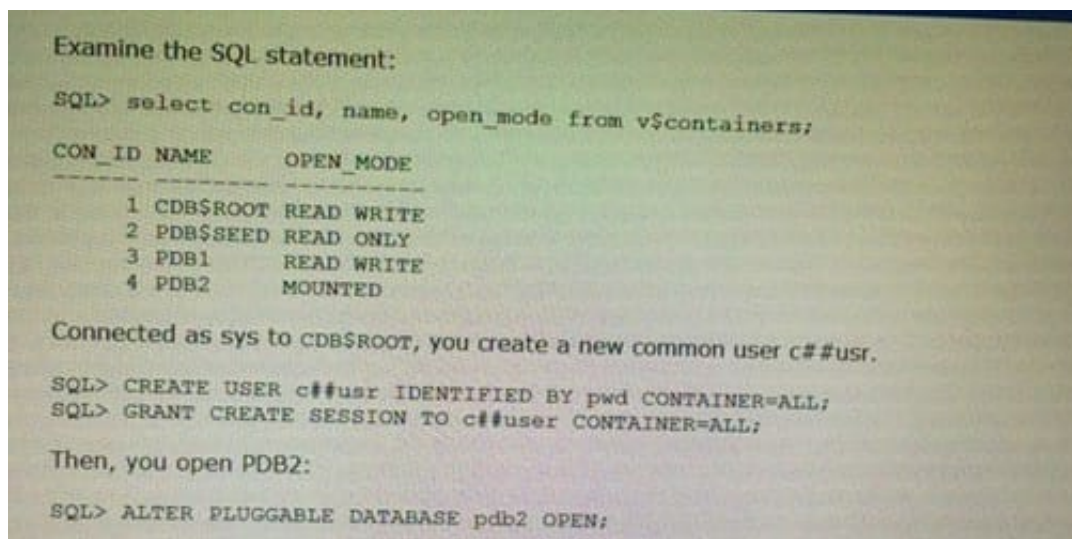
QUESTION 9

Which two statements describe data dictionary views?

- A. They are stored in the SYSTEM tablespace.
- B. They are based on virtual tables.
- C. They are owned by the SYS user.
- D. They speed up query and data manipulation language (DML) operations.
- E. The V\$FIXED_TABLE view can be queried to list the names of these views.

Correct Answer: DE

QUESTION 10



```
Examine the SQL statement:
SQL> select con_id, name, open_mode from v$containers;
CON_ID NAME          OPEN_MODE
-----
1 CDB$ROOT READ WRITE
2 PDB$SEED READ ONLY
3 PDB1 READ WRITE
4 PDB2 MOUNTED

Connected as sys to CDB$ROOT, you create a new common user c##usr.
SQL> CREATE USER c##usr IDENTIFIED BY pwd CONTAINER=ALL;
SQL> GRANT CREATE SESSION TO c##user CONTAINER=ALL;

Then, you open PDB2:
SQL> ALTER PLUGGABLE DATABASE pdb2 OPEN;
```

Which two statements are true about this common user?

- A. SQL> conn c##usr/pwd@pdb1 You are connected to PDB1 successfully.
- B. SQL> conn c##usr/pwd@pdb2 You are connected to PDB2 successfully.
- C. SQL> conn c##usr/pwd@pdb2 You are unable to create a connection. You first need to sync PDB2 by executing: SQL> conn / as sysdba SQL>exec DBMS_PDB.SYNC_PDB;
- D. SQL> conn c##usr/pwd@pdb2 You are unable to create a connection. You need to create the common user c# #usr explicitly in PDB2 by executing: SQL>conn system/pwd@pdb2 SQL> CREATE USER c##usrIDENTIFIED BYpwd CONTAINER=CURRENT; Now you are able to connect as common user c##usr to PDB2.

Correct Answer: AD

QUESTION 11

What new role in Oracle Database 12c encompasses the administrative privileges required for backup and recovery?

- A. SYSBKP
- B. SYSBKPRMAN
- C. SYSRMAN
- D. SYSBACKUP

Correct Answer: D

Reference: http://docs.oracle.com/cd/E16655_01/backup.121/e17631/release_changes.htm#RCMRF90521 (sys backup privilege)

QUESTION 12

Which two statements about Automatic Data Optimization (ADO) are true?

- A. ADO policies can automatically compress data when it qualifies.
- B. ADO policies can automatically move segments when necessary.
- C. ADO is not dependent on Heat Map, and works even if Heat Map is disabled.
- D. You cannot compress at block level, but you can compress at segment level.
- E. You can compress at row level only for QUERY LOW.

Correct Answer: DE

QUESTION 13

What happens when you execute these SQL statements?

```
ALTER SYSTEM SET SGA_TARGET = 992M; ALTER SYSTEM SET SHARED_POOL_SIZE = 0; ALTER SYSTEM SET LARGE_POOL_SIZE = 0; ALTER SYSTEM SET JAVA_POOL_SIZE = 0; ALTER SYSTEM SET DB_CACHE_SIZE = 0; ALTER SYSTEM SET STREAMS POOL SIZE = 0;
```

- A. The database stops (shutdown abort).
- B. B) The database Stops (shutdown immediate).
- C. You activate Automatic Shared Memory Management.
- D. You get an error message.

Correct Answer: C

Reference: <http://www.orafaq.com/forum/t/67825/0/> (see the second post)

QUESTION 14

Which parameter can be changed by explicitly re-creating the control file or by using the DBNEWID utility?

- A. db_name
- B. maxdatafiles
- C. control_files
- D. instance_name

Correct Answer: A

Reference: http://docs.oracle.com/cd/B10501_01/server.920/a96652/ch14.htm

QUESTION 15

Your customer is planning for a maximum-availability architecture at their data center to address their planned downtime, unplanned downtime, and replication needs.

Consider these options:

- Instance, site recovery, and heterogeneous setup
- Inter-region and intra-region load balancing across replicated databases
- Fine-grained error investigation of incorrect results
- Integrated client and application failover
-

Fastest and simplest database replication

A.

Oracle GoldenGate

B.

Global Data Services

C.

Oracle Data Guard

D.

Data Recovery Advisor

E.

Oracle Flashback technology

F.

Oracle Advanced Queuing

Which four options would you recommend?

Correct Answer: ABCE

Reference: http://docs.oracle.com/cd/E16655_01/server.121/e17601/unplanned.htm#HAOVW11824

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