

1Z0-497^{Q&As}

Oracle Database 12c Essentials

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QUESTION 1

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 2

Which three DBA operations can be performed by using Oracle SQL Developer?

- A. database backup and recovery using RMAN
- B. performance tuning operations such as generation of AWR, ADDM, and ASH reports
- C. storage configuration for archive logs and control files
- D. storage configuration for data files and redo log groups
- E. database status view and Data Pump export and import jobs

Correct Answer: ABE

A: 1.11.5 RMAN Backup/Recovery

Includes options related to database backup and recovery.

B: 1.17.4 ASH and AWR reports

The ASH and AWR reports list information provided by the Active Session History (ASH) and Automated

Workload Repository (AWR) features

E:

1.11.3 Database Status

Includes options for displaying status information about the database.

1.11.4 Data Pump

Includes options for using the Oracle Data Pump Export and Import utilities



Reference: Using DBA Features in SQL Developer URL: http://docs.oracle.com/cd/E35137_01/appdev.32/e35117/intro.htm#CEGDIAEC

QUESTION 3

Which two statements are true about a buffer cache?

- A. When a buffer is read from a buffer cache, it may be inconsistent and require undo data to make it consistent.
- B. A buffer cache stores copies of data blocks from all files of the database.
- C. Buffer access is kept efficient by maintaining a least recently used (LRU) list for dirty and clean buffers.
- D. A buffer cache always resides completely in System Global Area (SGA).
- E. A buffer cache contains exactly three pools: default, keep, and recycle pool.

Correct Answer: AE

QUESTION 4

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+componen ts+of+Oracle+Data+Guard+Brokerandsource=blandots=hHTjqx70n7andsig=1Skypki GuUR1uPpy0QLGFPqy4mwandhl =enandsa=Xandei=qsT7Us7VDMWN7AavYCgCgandved=0CEQQ6AEwAw#v=onepageandq=clientside%20components%20of%20Oracle %20Data% 20Guard%20Brokerandf=false

QUESTION 5

Identify three types of important statistics collection that you can disable in Oracle Database 12c by setting the STATISTIS_LEVEL parameter to BASIC.

- A. Oracle Database alert.log file
- B. object-level statistics
- C. Automatic SGA Memory Management



- D. Oracle Database Trace files
- E. all server-generated alerts

Correct Answer: BCE

QUESTION 6

Which two statements are true about transactions in Oracle Database 12c?

- A. Multiple transactions can use the same undo segment.
- B. A transaction is assigned an undo segment when it is started.
- C. Multiple transactions cannot share the same extent in an undo tablespace.
- D. If all the segments in an undo tablespace are used, transactions use system undo segments to store undo data.

Correct Answer: B

QUESTION 7

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 VSFIXED_TABLEview can be queried to list the names of these views.

Correct Answer: DE

QUESTION 8

Which tablespace contains the data dictionary, being automatically created at database creation?

- A. USERS
- B. TEMP
- C. SYSAUX



- D. SYSTEM
- E. EXAMPLE
- Correct Answer: D

Reference: http://docs.oracle.com/cd/B10500_01/server.920/a96524/c04space.htm

QUESTION 9

As part of your Oracle Database 12c post-installation tasks, you run these commands:

Cd \$ORACLE_HOME/bin srvctl stop database -d myDb chopt enable dm srvctl start database -d myDb

What does this do?

- A. It enables the Oracle Data Mining option in your Oracle binary files.
- B. It creates the Fast Recovery Area disk group.
- C. It generates Client Static Library.
- D. It configures one of the Oracle user accounts.
- E. It configures Oracle Net Services.
- F. It configures Oracle Messaging Gateway.
- Correct Answer: A

Reference: http://docs.oracle.com/cd/E16655_01/install.121/e17889/postinst.htm#RILIN1049 (see 4.4)

QUESTION 10

Which three are initialization parameters for backup and recovery?

- A. CLONEDB
- **B. FILESYSTEMIO_OPTIONS**
- C. DB_CREATE_FILE_DEST
- D. RECYCLEBIN
- E. TAPE_ASYNCH_IO

Correct Answer: ADE

QUESTION 11



A standby database is in mounted state and you are required to perform a failover to the physical standby. Which solution is best suited forthis scenario?

A. ALTER DATABASE RECOVER MANAGED STANDBY DATABASE statement with the FINISH keyword

B. ALTER DATABASE PREPARE TO SWITCHOVER and ALTER DATABASE COMMIT TO SWITCHOVER statements

C. ALTER DATABASE RECOVER TO STANDBY DATABASE statement with the FINISH keyword

D. D) ALTER DATABASE PREPARE SWITCHOVER and ALTER DATABASE COMMIT TO SWITCHOVER Statements

Correct Answer: A

QUESTION 12

Examine the commands:

SQL> CONNECT sys@CDBI AS SYSDBA

\$QL>STARTUP MOUNT

SQL> ALTER DATABASE cdbl MOUNT;

Which four options represent what happens when these commands are executed?

A. The instance is started.

- B. The CDB control files are opened for the instance.
- C. The root is mounted.
- D. The root is opened.
- E. The PDBs are mounted.
- F. The PDBs are mounted, and the seed is opened in READ ONLY mode.
- G. The PDBs are mounted, and opened in READ WRITE mode, while the seed is opened In READ ONLY mode.

Correct Answer: ABCF

QUESTION 13

Which three background processes are mandatory in a database Instance started with a minimally configured Initialization parameter file?

A. Process Monitor Process (PMON)



- B. Flashback Data Archive process (FBDA)
- C. Space Management Coordinator process (SMCO)
- D. Recoverer process (RECO)
- E. Listener Registration process (LREG)

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Correct Answer: ADE
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The mandatory background processes are present in all typical database configurations. These processes run by default in a database instance started with a minimally configured initialization parameter file.

The following are the mandatory background processes:

(A)

Process Monitor Process (PMON)

(D)

Recoverer Process (RECO)

(E)

Listener Registration Process (LREG)

System Monitor Process (SMON)

Database Writer Process (DBW)

Log Writer Process (LGWR)

Checkpoint Process (CKPT)

Manageability Monitor Processes (MMON and MMNL)

Note: The mandatory processes are not the same release 11.

Reference: Oracle Database Concepts 12c, Mandatory Background Processes http://docs.oracle.com/ database/121/CNCPT/process.htm#CNCPT008

QUESTION 14

- After a ______ statement is issued, a transaction ends. (select three)
- A. COMMIT
- B. ROLLBACK
- C. SAVEPOINT
- D. SELECT
- E. CREATE



Correct Answer: ABE

A transaction ends when any of the following actions occurs:

(AB) A user issues a COMMIT or ROLLBACK statement without a SAVEPOINT clause.

(E) A user runs a DDL command such as CREATE, DROP, RENAME, or ALTER.

Etc.

Reference: Oracle Database Concepts, 12c, End of a Transaction

QUESTION 15

Which statement about a server parameter file (SPFILE) is false?

A. An SPFILE is a binary file that cannot be edited by using a text editor.

B. You can create an SPFILE from an existing text initialization parameter file or from memory.

C. You can use the SHOW PARAMETERS command to display the values of initialization parameters in an SPFILE.

D. The instance first searches for an SPFILE named spfileoRACLE_SID.ora and, if this is not found. It searches for spfile.ora.

Correct Answer: D

Not A, not B: SPFILE is a text file that can be created from a file or from scratch.

Not C: This shows database was started by spfile

SQL> show parameter spfile;

NAME TYPE VALUE

---- spfile string /root/apps/oracle/10g/dbs/

spfile.ora No values returned means its started by pfile.

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