

# Oracle

## Exam Questions 1z0-083

Oracle Database Administration II



**NEW QUESTION 1**

A container database (CDB) contains two pluggable databases PDB1 and PDB2. The LOCAL\_UNDO\_ENABLED database property is set to FALSE in the CDB. Data file 24 of PDB2 was deleted and you need to restore and recover it. The only RMAN backup that exists was created with the BACKUP DATABASE command while connected to CDB\$ROOT. Which three are true? (Choose three.)

- A. Data file 24 can be recovered only while connected to PDB2.
- B. Data file 24 can be restored and recovered while connected to CDB\$ROOT.
- C. Data file 24 can be restored only while connected to CDB\$ROOT.
- D. Data file 24 can be restored only while connected to PDB2.
- E. Data file 24 can be recovered while connected to PDB2.
- F. Data file 24 can be recovered while connected to CDB\$ROOT.

**Answer:** BCF

**NEW QUESTION 2**

Examine this configuration:

- > CDB1 is a container database.
- > PDB1 and PDB2 are pluggable databases in CDB1. You execute these commands successfully:

```
$ export ORACLE_SID=cdb1
```

```
$sqlplus / as sysdba
```

```
SQL> SHUTDOWN IMMEDIATE
```

```
...  
Oracle instance shut down.
```

```
SQL> STARTUP MOUNT
```

```
...  
Database mounted.
```

Which two are true? (Choose two.)

- A. PDB1 and PDB2 are in MOUNT state.
- B. Redo logs are opened.
- C. PDB1 and PDB2 are in READ ONLY state.
- D. CDB\$ROOT is in MOUNT state.
- E. PDB\$SEED is in READ ONLY state.

**Answer:** BE

**NEW QUESTION 3**

Which two are true about gathering optimizer statistics? (Choose two.)

- A. Executing DBMS\_STATS.GATHER\_DATABASE\_STATS while connected to CDB\$ROOT gathers object statistics in all open PDBs except PDB\$SEED.
- B. Executing DBMS\_STATS.GATHER\_DATABASE\_STATS while connected to a PDB opened in read/write mode gathers object statistics for that PDB.
- C. Executing DBMS\_STATS.GATHER\_DATABASE\_STATS while connected to CDB\$ROOT gathers object statistics only in CDB\$ROOT.
- D. System statistics can be gathered only while connected to CDB\$ROOT.
- E. Executing DBMS\_STATS.GATHER\_DATABASE\_STATS while connected to CDB\$ROOT gathers object statistics in all open pluggable databases (PDBs)

**Answer:** BE

**Explanation:**

[https://mikedietrichde.com/2016/10/21/gather-fixed-objects-stats-in-pdbs-as-well/#:~:text=Yes%2C%20you'll%](https://mikedietrichde.com/2016/10/21/gather-fixed-objects-stats-in-pdbs-as-well/#:~:text=Yes%2C%20you'll%20)

**NEW QUESTION 4**

A container database called CDB1 is OMF-enabled. PDB\_FILE\_NAME\_CONVERT is not configured in CDB1. PDB1 was unplugged from CDB1 earlier in the week. Examine this command, which will be executed in CDB1:

```
CREATE PLUGGABLE DATABASE pdb1  
USING '/u01/app/oracle/oradata/pdb1.xml' SOURCE_FILE_NAME_CONVERT =  
('/u01/app/oracle/oradata/', '/u02/app/oracle/oradata/');
```

Which two are true? (Choose two.)

- A. PDB1 data files already exist in the correct location.
- B. DBMS\_PDB.CHECK\_PLUG\_COMPATIBILITY must be run in CDB1 before executing the command.
- C. PDB\_FILE\_NAME\_CONVERT must be set before executing the command.
- D. /u01/app/oracle/oradata/pdb1.xml does not contain the current locations of data files for PDB1.
- E. PDB1 must be dropped from CDB1.

**Answer:** AE

**NEW QUESTION 5**

Which three can be done using Oracle Database Configuration Assistant (DBCA) starting from Oracle Database 19c? (Choose three.)

- A. cloning a remote container database in interactive mode
- B. cloning a remote pluggable database in silent mode
- C. relocating a remote pluggable database in interactive mode
- D. relocating a remote container database in silent mode
- E. cloning a remote container database in silent mode
- F. relocating a remote pluggable database in silent mode
- G. relocating aremote container database in interactive mode

**Answer:** BEF

#### NEW QUESTION 6

Which three are true about managing memory components in an Oracle database instance? (Choose three.)

- A. With Automatic Shared Memory Management, the database instance can increase the Large Pool size byreducing the Shared Pool size.
- B. With Automatic Memory Management, the database instance can increase the System Global Area size by reducing the Program Global Area size.
- C. Automatically tuned and resized System Global Area components will always revertto their initial sizes after an instance restart.
- D. Automatic Memory Management must be used together with locking the System Global Area into physical memory.
- E. With Automatic Shared Memory Management, the database instance can increase the Program Global Area size by reducing the System Global Area size.
- F. On Line Transaction Processing systems often use less Program Global Area than Decision Support Systems.

**Answer:** AEF

#### NEW QUESTION 7

Which three are true about opatchauto? (Choose three.)

- A. It performs a shutdown and then a restart of all processes in both Oracle Grid Infrastructure and Oracle Database home during the patching process.
- B. It must be invoked by a user with root user privileges.
- C. Patches are appliedvia opatchauto.
- D. Users must always input patch plans to opatchauto.
- E. It requires the Oracle Grid Infrastructure and Oracle Database instances to be shut down before being invoked.
- F. It applies patches in nonrolling mode by default.
- G. It is used toapply interim patches to Oracle Grid Infrastructure and Oracle Database home combinations.

**Answer:** ABC

#### NEW QUESTION 8

Which two are true about Oracle Database Configuration Assistant (DBCA) templates? (Choose two.)

- A. The General Purpose of Transaction Processing templates are most suitable when concurrency and recoverability are key criteria.
- B. Oracle DBCA templates can store only logical structure and not database files.
- C. New templates can only be created by modifying an existing user-created template.
- D. The Data Warehouse template is most suitable when transaction response time is the key criterion.
- E. Oracle DBCAtemplates can be used to create new databases and duplicate existing databases.

**Answer:** AE

#### NEW QUESTION 9

Examine these queries and their output:

```
SQL> select pdb_name, name, pdb_restore_point, clean_pdb_restore_point
       2 from v$restore_point natural join dba_pdbs;
```

PDB_NAME	NAME	PDB_RESTORE_POINT	CLEAN_PDB_RESTORE_POINT
PDB1	R1	YES	NO

```
SQL> select property_name, property_value
       2 from database_properties where property_name like '%UNDO%';
```

PROPERTY_NAME	PROPERTY_VALUE
LOCAL_UNDO_ENABLED	FALSE

An online RMAN backup of the CDB was taken an hour before Restore Point R1 was created. You want to recover PDB1 toRestore Point R1. How do you achieve this?

- A. Execute FLASHBACK PLUGGABLE DATABASE PDB1 TO RESTORE POINT R1 by using RMANwhile connected to PDB1.
- B. Execute FLASHBACK PLUGGABLE DATABASE PDB1 TO RESTORE POINT R1 by using SQLwhile connected to PDB1.
- C. Execute FLASHBACK PLUGGABLE DATABASE PDB1 TO RESTORE POINT R1 by using SQLwhile connected to CDB\$ROOT.
- D. Execute FLASHBACK PLUGGABLE DATABASE PDB1 TO RESTORE POINT R1 by using RMANwhile connected to CDB\$ROOT.
- E. This cannot be done due to the lack of aclean restore point.

**Answer:** B

#### NEW QUESTION 10

Your CDB has two regular PDBs as well as one application container with two applicationPDBs and an application seed  
No changes have been made to the standard PDB\$SEED.  
How many default temporary tablespaces can be assigned in the CDB?

- A. three
- B. eight
- C. seven
- D. six
- E. five

**Answer:** C

#### NEW QUESTION 10

Which two are true about flashback features in Oracle Database 19c and later releases? (Choose two.)

- A. Flashback logs are automatically purged when DB\_FLASHBACK\_RETENTION\_TARGET is set lower than the time they have already been retained.
- B. Flashback logs are monitored and proactively deleted when beyond the retention period defined in DB\_FLASHBACK\_RETENTION\_TARGET only after there is space pressure.
- C. Flashback logs are monitored and proactively deleted when beyond the retention period defined in DB\_FLASHBACK\_RETENTION\_TARGET before there is space pressure.
- D. Flashback logs are monitored for being older than the retention period defined in DB\_FLASHBACK\_RETENTION\_TARGET and can be deleted by an administrator written event trigger.
- E. Flashback logs are automatically purged whenever the value of DB\_FLASHBACK\_RETENTION\_TARGET is changed.

**Answer:** BE

#### NEW QUESTION 15

Examine this command:

\$ rhpctl move database –sourcehome Oracle\_home\_path –destinationhome Oracle\_home\_path For which two purposes can you use this command? (Choose two.)

- A. to switch an existing Oracle Database home to a newer release of Oracle software on the same server
- B. to switch to a read-only Oracle home
- C. to switch back to the previous Oracle home as part of a rollback operation
- D. to switch the Oracle Database home when using a centralized Rapid Home Provisioning server
- E. to switch to a patched Oracle Database home

**Answer:** CE

#### Explanation:

You can use rhpctl move gihome command with the same syntax to switch from the current Oracle Grid Infrastructure home to a patched home. The rhpctl command enables you to switch from your current Oracle Grid Infrastructure or Oracle Database home to patched Oracle home so that you can provision the new Oracle home as gold image. You can also use the rhpctl command to switch back to the old Oracle home, if you want to roll back the operation.

#### NEW QUESTION 17

Which two are true about the character sets used in an Oracle database? (Choose two.)

- A. Single-byte character sets provide better performance than multibyte character sets.
- B. Unicode enables information from any language to be stored using a single character set.
- C. Unicode is the only supported character set for Oracle databases created using Database Configuration Assistant (DBCA).
- D. Single-byte character sets always use 7-bit encoding schemes.
- E. Multibyte character sets allow more efficient space utilization than single byte character sets.
- F. Single-byte character sets always use 8-bit encoding schemes.

**Answer:** AB

#### NEW QUESTION 22

Which two are true about SQL Performance Analyzer (SPA)? (Choose two.)

- A. It is integrated with the SQL Access Advisor.
- B. It predicts the impact of system changes on SQL workload response time.
- C. It provides before and after execution statistics for each SQL statement in the analysis task.
- D. It offers fine-grained analysis of all the SQL statements in the analysis task as a group.
- E. SQL statements that were originally run concurrently are run concurrently by SPA.

**Answer:** BD

#### NEW QUESTION 24

Which two are true about common objects? (Choose two.)

- A. They can be created only in CDB\$ROOT.
- B. They can be only metadata-linked in an application container.
- C. They can exist in user-defined schemas only in application containers.
- D. They can exist in CDB\$ROOT and an application root.
- E. They can be extended data-linked in CDB\$ROOT.
- F. They can be created only in an application root.

**Answer:** CF

#### NEW QUESTION 28

Which three are true about Automatic Workload Repository (AWR), Automatic Database Diagnostic Monitor (ADDM), and the Manageability Monitor (MMON)?



background process? (Choose three.)

- A. ADDM can recommend shrinking the buffer cache.
- B. ADDM can recommend extending the buffer cache.
- C. By default, MMON creates an AWR snapshot every 30 minutes.
- D. ADDM performs its analysis only when a DBA requests it.
- E. By default, AWR snapshots are automatically purged after eight days.
- F. AWR snapshots must be deleted when no longer required by ADDM.

**Answer:** AEF

#### NEW QUESTION 30

Which four are true about performing Tablespace Point -In-Time Recovery (TSPITR) using Recovery Manager (RMAN)?

- A. It can be performed using an auxiliary instance managed by a DBA.
- B. It can be used to recover a truncated table.
- C. RMAN automatically adds any required tablespaces to the recovery set to make it self-contained.
- D. RMAN always includes tablespaces containing undo segments in the recovery set.
- E. It can be performed repeatedly until the correct time is found without using an RMAN catalog.
- F. flashback database must be enabled for it to work.
- G. It can be used to recover a dropped tablespace.
- H. It can be performed using an auxiliary instance managed by RMAN.

**Answer:** AEFH

#### NEW QUESTION 33

Which three are true about requirements for various FLASHBACK operations? (Choose three.)

- A. FLASHBACK transaction query requires undo to retrieve all versions of a row that existed between two points in time.
- B. FLASHBACK drop requires that the RECYCLEBIN parameter be set to ON.
- C. FLASHBACK version query requires that the RECYCLEBIN parameter be set to ON.
- D. FLASHBACK DATA ARCHIVE requires undo to store all versions of all rows of a table being tracked.
- E. FLASHBACK drop requires undo to retrieve all versions of a row that existed between two points in time.
- F. FLASHBACK version query requires undo to retrieve all versions of a row that existed between two points in time.

**Answer:** ABF

#### NEW QUESTION 35

Which three are true about Automatic Workload Repository (AWR)? (Choose three.)

- A. By default, AWR snapshots are taken every 60 minutes.
- B. Its collection level is determined by the value of the STATISTICS\_LEVEL database parameter.
- C. By default, AWR snapshots are retained for 7 days.
- D. The taking of AWR snapshots can be disabled.
- E. AWR data is stored in the SYSTEM tablespace.

**Answer:** ABD

#### NEW QUESTION 39

Examine this configuration:

1. CDB1 is a container database running in ARCHIVELOG mode.
2. Controlfiles of CDB1 are multiplexed in  
'/u01/app/oracle/oradata/CDB1/controlfile/controlfile01.ctl' and  
'/u02/app/oracle/fast\_recover\_area/cdb1/CDB1/controlfile02.ctl'.
3. The only backup of CDB1 was taken when CONTROLFILE AUTOBACK was OFF
4. SNAPSHOT CONTROLFILE NAME is  
'/u01/app/oracle/product/12.2.0.1/db\_1/dbs/snapcf\_cdb1.f'.

While CDB1 is open, '/u02/app/oracle/fast\_recover\_area/cdb1/CDB1/controlfile02.ctl' is accidentally deleted. To recover from this critical failure, you execute these commands:

```
$ rman target sys/oracle_4U@localhost:1521/cdb1
```

```
RMAN> SHUTDOWN ABORT
```

```
...
```

```
Oracle instance shut down
```

```
RMAN> STARTUP NOMOUNT
```

```
RMAN RESTORE CONTROLFILE FROM
```

```
'/u01/app/oracle/oradata/CDB1/controlfile/controlfile01.ctl';
```

What will be the outcome?

- A. It will create '\$ORACLE\_HOME/dbs/cdb1/CDB1/controlfile02.ctl'
- B. It will create '/u01/app/oracle/oradata/CDB1/controlfile/controlfile02.ctl'.

- C. It will re-create '/u02/app/oracle/fast\_recover\_area/cdb1/CDB1/controlfile02.ctl'
- D. It will create '/u01/app/oracle/product/12.2.0.1/db\_1/dbs/snapcf\_cdb1control02.ctl'.
- E. It will fail because there is no autobackup of the controlfiles.

Answer: C

NEW QUESTION 40

Examine the command for creating pluggable database PDB2 in container database CDB2.

```
CREATE PLUGGABLE DATABASE pdb2
  ADMIN USER pdb2_adm
  IDENTIFIED BY 123pdb
  ROLES=(CONNECT) ;
```

Select three options, any one of which is required for it to execute successfully. (Choose three.)

- A. Add the FILE\_NAME\_CONVERT clause to the statement and set the PDB\_FILE\_NAME\_CONVERT parameter.
- B. Addonly the CREATE\_FILE\_DEST clause to the statement.
- C. Set only the PDB\_FILE\_NAME\_CONVERT parameter.
- D. Set the PDB\_FILE\_NAME\_CONVERT parameter and enable OMF.
- E. Enable only OMF.
- F. Add the FILE\_NAME\_CONVERT clause to the statement and enable OracleManaged Files (OMF)

Answer: BDE

NEW QUESTION 41

YourSALES\_ROOTapplication container has two application PDBs. TheSALES\_APPapplication has a common table,FIN.REVENUE, in the two PDBs. Examine this query and its output:

```
SELECT containers_default, container_map, table_name
  FROM dba_tables WHERE owner='FIN' ;
```

CONTAINERS_DEFAULT	CONTAINER_MAP	CONTAINER_MAP_OBJECT	TABLE_NAME
NO	YES	NO	REVENUE
NO	NO	YES	MAPTABLE

Which two are true? (Choose two.)

- A. The CONTAINERS clause cannot be used in queries on the REVENUEtable.
- B. The REVENUE table must be a list-partitioned table.
- C. The MAPTABLE tables defines a logical partition key on a commonly used column for the REVENUE table.
- D. The MAPTABLE table is a metadata-linked table.
- E. A container map exists for theREVENUE table, but is not enabled.
- F. The REVENUE table partitions are not pruned across the PDBs automatically.

Answer: CE

NEW QUESTION 42

Which two are facets of performance planning that should always be considered or implemented for an Oracle Database environment? (Choose two.)

- A. defining primary keys for all tables to speed up all queries
- B. using check constraints to speed upupdates
- C. defining foreign keys for all tables to speed up joins
- D. the physical data model
- E. the configuration of storage arrays

Answer: AE

NEW QUESTION 46

Which three are true In Oracle 19c and later releases?

- A. Tablespaces always remain In read/write mode during transportable tablespace operations.
- B. Simultaneous data pump jobs can be limited at thepluggable database (PDB) level.
- C. Tablespaces never remain In read/write mode during transportable tablespace operations.
- D. An ordinary data pump export of a table with encrypted columns will always encrypt the same columns when imported.
- E. A transportable data pump import can leave a plugged-in tablespace in read-only mode.
- F. A transportable data pump import can leave a plugged-in tablespace In read/write mode.

Answer: ADE

NEW QUESTION 50

A database is configured in ARCHIVELOG mode.

A full RMAN backup exists but no control file backup to trace has been taken. A mediafailure has occurred. In which two scenarios is incomplete recovery required? (Choose two.)

- A. after losing a SYSAUX tablespace data file
- B. after losing all members of an INACTIVE online redo log group

- C. after losing all members of the CURRENT onlineredo log group
- D. after losing all copies of the control file
- E. after losing an UNDO tablespace that is in use

**Answer:** BD

#### NEW QUESTION 55

Which four are true about a Recovery Manager (RMAN) duplication without a TARGET connection? (Choose four.)

- A. The NOREDO clause must be used if the backups of the database being duplicated were taken when the database was in NOARCHIVELOG mode.
- B. The UNDO TABLESPACE clause is always required when no connection exists to the TARGET instance.
- C. RMAN “pushes” the backups of the database to be duplicated over the network to the auxiliary instance.
- D. The NOREDO clause can be used if the backups of the database being duplicated were taken when the database was in ARCHIVELOG mode.
- E. RMAN SBT-based backups of the database to be duplicated can be used by the auxiliary instance.
- F. The UNDO TABLESPACE clause is always required when no connection exists to the recovery catalog and the TARGET database is closed.
- G. The UNDO TABLESPACE clause is always required when no connection exists to the recovery catalog and the TARGET database is opened.
- H. RMAN disk-based backups of the database to be duplicated can be used by the auxiliary instance.

**Answer:** ABGH

#### NEW QUESTION 59

You issued this command:

RMAN> BACKUP RECOVERY FILES;

Which two are true? (Choose two.)

- A. All Oracle recovery files not in the current FRA that have not been backed up already, are backed up.
- B. All non-Oracle files in the current FRA that have not been backed up already, are backed up.
- C. All Oracle recovery files in the current FRA that have not been backed up already, are backed up.
- D. All Oracle recovery files in the current fast recovery area (FRA) are backed up.
- E. These backups can be written to disk or SBT.

**Answer:** DE

#### Explanation:

[https://blog.toadworld.com/rman\\_-\\_using\\_the\\_flash\\_recovery\\_area](https://blog.toadworld.com/rman_-_using_the_flash_recovery_area)

#### NEW QUESTION 62

Which three are true about the SQL Tuning Advisor? (Choose three.)

- A. It checks each query being analyzed for stale statistics.
- B. It checks each query being analyzed for missing statistics.
- C. It only recommends syntactic changes to SQL statements.
- D. It can recommend semantic changes to SQL statements.
- E. It considers all SQL statements being analyzed by the advisor task as a group.
- F. It builds SQL profiles for each poorly performing SQL statement to prevent regressions.

**Answer:** ABF

#### NEW QUESTION 67

Which three are located by using environment variables? (Choose three.)

- A. the Optimal Flexible Architecture (OFA) compliant path to store Oracle software and configuration files.
- B. the location of Oracle Net Services configuration files
- C. the list of a disk group names to be mounted by an Oracle Automatic Storage Management (ASM) instance at startup
- D. default directories for temporary files used by temporary tablespaces
- E. the temporary disk space used by Oracle Installer during installation
- F. the maximum number of database files that can be opened by a database instance

**Answer:** ABE

#### NEW QUESTION 70

Examine these queries and their output:



```
SQL> select log_mode from v$database;
```

```
LOG_MODE
-----
ARCHIVELOG
```

```
SQL> select property_name, property_value
  2 from database_properties where property_name like '%UNDO%';
```

```
PROPERTY_NAME          PROPERTY_VALUE
-----
LOCAL_UNDO_ENABLED FALSE
```

```
SQL> select p.name, f.file#, t.name
  2 from v$containers p, v$datafile f, v$tablespace t
  3 where p.con_id=f.con_id
  4 and p.com_id=t.con_id
  5 and t.ts#=f.ts#
  6 order by 1, 2;
```

```
NAME          FILE#          NAME
-----
CDB$ROOT      1             SYSTEM
...
PDB1          24            SYSTEM
...
PDB2          16            SYSTEM
```

After a system crash, an instance restart and an attempted opening of the PDBs result in:

```
SQL> startup quiet
ORACLE instance started.
Database mounted.
Database opened.
SQL> alter pluggable database all open;
alter pluggable database all open
*
ERROR at line 1:
ORA-01157: cannot identify/lock data file 24 - see DBWR trace file
ORA-01110: data file 24:
'/u01/oradata/V122CDB1/516000726D464D04E054000C29704164/datafile/o1_mf_system_dmj30kld_.dbf'
```

Which two are true? (Choose two.)

- A. Data file 24 can be recovered while PDB2 is opened.
- B. Data file 24 must be recovered while the CDB is opened.
- C. Data file 24 can be recovered while CDB\$ROOT and PDB\$SEED are opened.
- D. Data file 24 cannot be recovered while the CDB is opened.
- E. Data file 24 must be recovered while PDB2 is closed.

**Answer:** AB

#### Explanation:

\* 19c: PDB SYSTEM or UNDO Tablespace Recovery: The CDB and all other PDBs can be left opened. 1. Connect to PDB 2. Shutdown abort the PDB, if its not automatically done. sqlplus sys@sales\_pdb as sysdba sql> SHUTDOWN ABORT; OR ALTER PLUGGABLE DATABASE CLOSE ABORT; rman target sys@slaes\_pdb rman> restore database; rman> recover database; rman> alter pluggable database sales\_pdb open;

#### NEW QUESTION 72

You plan to install Oracle Grid Infrastructure for a Standalone Server and Oracle Database for the first time on a server. Examine this command and its outcome:

```
# id oracle
uid=54321 (oracle) gid=54321(oinstall) groups=54321(oinstall), 54322 (dba)
```

Which two are true? (Choose two.)

- A. oracle will be an owner of the Oracle Inventory.
- B. oracle must be the owner of every Oracle Database installation.
- C. oracle can own an OracleDatabase installation but not an Oracle Grid Infrastructure installation.



- D. oracle will be granted the SYSASM privilege when installing the Oracle Database software.
- E. The user account, oracle, and group, oinstall, can be used for all Oracle software installations.

**Answer:** CD

#### **NEW QUESTION 76**

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