

## Exam Questions 1Z0-062

Oracle Database 12c: Installation and Administration

<https://www.2passeasy.com/dumps/1Z0-062/>



**NEW QUESTION 1**

You conned using SQL Plus to the root container of a multitenant container database (CDB) with SYSDBA privilege. The CDB has several pluggable databases (PDBs) open in the read/write mode. There are ongoing transactions in both the CDB and PDBs.

What happens after issuing the SHUTDOWN TRANSACTIONAL statement?

- A. The shutdown proceeds immediately.
- B. The shutdown proceeds as soon as all transactions in the PDBs are either committed or rolled back.
- C. The shutdown proceeds as soon as all transactions in the CDB are either committed or rolled back.
- D. The shutdown proceeds as soon as all transactions in both the CDB and PDBs are either committed or rolled back.
- E. The statement results in an error because there are open PDBs.

**Answer:** B

**Explanation:** \* SHUTDOWN [ABORT | IMMEDIATE | NORMAL | TRANSACTIONAL [LOCAL]]

Shuts down a currently running Oracle Database instance, optionally closing and dismounting a database. If the current database is a pluggable database, only the pluggable database is closed. The consolidated instance continues to run. Shutdown commands that wait for current calls to complete or users to disconnect such as SHUTDOWN NORMAL and SHUTDOWN TRANSACTIONAL have a time limit that the SHUTDOWN command will wait. If all events blocking the shutdown have not occurred within the time limit, the shutdown command cancels with the following message: ORA-01013: user requested cancel of current operation

\* If logged into a CDB, shutdown closes the CDB instance.

To shutdown a CDB or non CDB, you must be connected to the CDB or non CDB instance that you want to close, and then enter SHUTDOWN

Database closed. Database dismounted. Oracle instance shut down.

To shutdown a PDB, you must log into the PDB to issue the SHUTDOWN command. SHUTDOWN Pluggable Database closed. Note:

\* Prerequisites for PDB Shutdown

When the current container is a pluggable database (PDB), the SHUTDOWN command can only be used if: The current user has SYSDBA, SYSOPER, SYSBACKUP, or SYSDG system privilege.

The privilege is either commonly granted or locally granted in the PDB.

The current user exercises the privilege using AS SYSDBA, AS SYSOPER, AS SYSBACKUP, or AS SYSDG at connect time.

To close a PDB, the PDB must be open.

**NEW QUESTION 2**

Examine the following command: CREATE TABLE (prod\_id number(4), Prod\_name varchar2 (20), Category\_id number(30), Quantity\_on\_hand number (3) INVISIBLE);

Which three statements are true about using an invisible column in the PRODUCTS table? (Choose three.)

- A. The %ROWTYPE attribute declarations in PL/SQL to access a row will not display the invisible column in the output.
- B. The DESCRIBE commands in SQL \*Plus will not display the invisible column in the output.
- C. Referential integrity constraint cannot be set on the invisible column.
- D. The invisible column cannot be made visible and can only be marked as unused.
- E. A primary key constraint can be added on the invisible column.

**Answer:** ABE

**Explanation:** AB: You can make individual table columns invisible. Any generic access of a table does not show the invisible columns in the table. For example, the following operations do not display invisible columns in the output:

\* SELECT \* FROM statements in SQL

\* DESCRIBE commands in SQL \*Plus

\* %ROWTYPE attribute declarations in PL/SQL

\* Describes in Oracle Call Interface (OCI) Incorrect: Not D: You can make invisible columns visible.

You can make a column invisible during table creation or when you add a column to a table, and you can later alter the table to make the same column visible.

**NEW QUESTION 3**

Which are two ways for a database service to be recognized by a listener in Oracle Database 12c? (Choose two.)

- A. Dynamic Registration by the LREG process
- B. Dynamic Registration by the SMON process
- C. Static registration in the listener.ora file using the GLOBAL\_DBNAME parameter
- D. Dynamic Registration by the PMON process
- E. Static registration in the listener.ora file using the SERVICE\_NAME parameter

**Answer:** AE

**Explanation:** Reference: <https://docs.oracle.com/database/121/NETAG/listenercfg.htm#NETAG298>

**NEW QUESTION 4**

Your database is open and the LISTENER listener running. You stopped the wrong listener LISTENER by issuing the following command:

```
1snrctl > STOP
```

What happens to the sessions that are presently connected to the database Instance?

- A. They are able to perform only queries.
- B. They are not affected and continue to function normally.
- C. They are terminated and the active transactions are rolled back.
- D. They are not allowed to perform any operations until the listener LISTENER is started.

**Answer:** B

**Explanation:** The listener is used when the connection is established. The immediate impact of stopping the listener will be that no new session can be established from a remote host. Existing sessions are not compromised.

#### NEW QUESTION 5

Examine the contents of SQL loader control file:

```
LOAD DATA
INFILE myfile1.dat
INFILE myfile2.dat
FIELD NAMES FIRST FILE
APPEND
INTO TABLE EMP
FIELDS CSV WITH EMBEDDED
DATE FORMAT "DD-Month_YYYY"
(empno,
ename,
job,
mgr,
hiredate DATE,
sal,
comm,
deptno,
entrydate DATE)
```

Which three statements are true regarding the SQL\* Loader operation performed using the control file? (Choose three.)

- A. An EMP table is created if a table does not exist.
- B. Otherwise, if the EMP table is appended with the loaded data.
- C. The SQL\* Loader data file myfile1.dat has the column names for the EMP table.
- D. The SQL\* Loader operation fails because no record terminators are specified.
- E. Field names should be the first line in both the SQL\* Loader data files.
- F. The SQL\* Loader operation assumes that the file must be a stream record format file with the normal carriage return string as the record terminator.

**Answer:** ABE

**Explanation:** A: The APPEND keyword tells SQL\*Loader to preserve any preexisting data in the table. Other options allow you to delete preexisting data, or to fail with an error if the table is not empty to begin with.

B (not D): Note:

\* SQL\*Loader-00210: first data file is empty, cannot process the FIELD NAMES record

Cause: The data file listed in the next message was empty. Therefore, the FIELD NAMES FIRST FILE directive could not be processed.

Action: Check the listed data file and fix it. Then retry the operation E:

\* A comma-separated values (CSV) (also sometimes called character-separated values, because the separator character does not have to be a comma) file stores tabular data (numbers and text) in plain-text form. Plain text means that the file is a sequence of characters, with no data that has to be interpreted instead, as binary numbers. A CSV file consists of any number of records, separated by line breaks of some kind; each record consists of fields, separated by some other character or string, most commonly a literal comma or tab. Usually, all records have an identical sequence of fields.

\* Fields with embedded commas must be quoted. Example:

1997,Ford,E350,"Super, luxurious truck" Note:

\* SQL\*Loader is a bulk loader utility used for moving data from external files into the Oracle database.

#### NEW QUESTION 6

Which two statements are true? (Choose two.)

- A. A role cannot be assigned external authentication.
- B. A role can be granted to other roles.
- C. A role can contain both system and object privileges.
- D. The predefined resource role includes the unlimited\_tablespace privilege.
- E. All roles are owned by the sys user.
- F. The predefined connect role is always automatically granted to all new users at the time of their creation.

**Answer:** BC

#### NEW QUESTION 7

Examine the query and its output:

```
SQL> SELECT reason, metric_value FROM dba_outstanding_alerts;
```

REASON	METRIC_VALUE
Tablespace [TEST] is [28 percent] full	28.125
Metrics "Current Logons Count" is at 29	29
Metrics "Database Time Spent Waiting (%)" is at 99.03754 for event class "Application"	99.0375405
db_recovery_file_dest_size of 4294967296 bytes is 97.298 used and has 116228096 remaining bytes available.	97

After 30 minutes, you execute the same query:

```
SQL> SELECT reason,metric_value FROM dba_outstanding_alerets;
```

REASON	METRIC_VALUE
Tablespace [TEST] is [28 percent] full	28.125

What might have caused three of the alerts to disappear?

- A. The threshold alerts were cleared and transferred to DBA\_ALERT\_HISTORY.
- B. An Automatic Workload Repository (AWR) snapshot was taken before the execution of the second query.
- C. An Automatic Database Diagnostic Monitor (ADOM) report was generated before the execution of the second query.
- D. The database instance was restarted before the execution of the second quer

**Answer: D**

#### NEW QUESTION 8

Your database supports an online transaction processing (OLTP) application. The application is undergoing some major schema changes, such as addition of new indexes and materialized views. You want to check the impact of these changes on workload performance. What should you use to achieve this?

- A. Database replay
- B. SQL Tuning Advisor
- C. SQL Access Advisor
- D. SQL Performance Analyzer
- E. Automatic Workload Repository compare reports

**Answer: D**

**Explanation:** You can use the SQL Performance Analyzer to analyze the SQL performance impact of any type of system change. Examples of common system changes include:

- Database upgrades
  - Configuration changes to the operating system, hardware, or database
  - Database initialization parameter changes
  - Schema changes, such as adding new indexes or materialized views
  - Gathering optimizer statistics
  - SQL tuning actions, such as creating SQL profiles
- References:  
[http://docs.oracle.com/cd/B28359\\_01/server.111/b28318/intro.htm#CNCPT961](http://docs.oracle.com/cd/B28359_01/server.111/b28318/intro.htm#CNCPT961)

#### NEW QUESTION 9

Examine this command:

```
SQL> ALTER SYSTEM SET ENABLE_DDL_LOGGING=TRUE;
```

Which two statements are true? (Choose two.)

- A. All data definition language (DDL) statements are written to the control file
- B. Some DDL statements are written to an XML file in the ADR home
- C. All DDL statements are logged in to a text file in Automatic Diagnostic Repository (ADR) home
- D. Some data definition language (DDL) statements are written to the control file
- E. Some DDL statements are written to a text file in the ADR home
- F. The Alert Log still contains some DDL statements

**Answer: DE**

#### NEW QUESTION 10

After implementing full Oracle Data Redaction, you change the default value for the NUMBER data type as follows:

```
SQL> SELECT NUMBER_VALUE FROM REDACTION_VALUES_FOR_TYPE_FULL;

NUMBER_VALUE
-----
           0

SQL> EXEC DBMS_REDACT.UPDATE_FULL_REDACTION_VALUES(-1)

PL/SQL procedure successfully completed.

SQL> select number_value from redaction_values_for_type_full;

NUMBER_VALUE
-----
          -1
```

After changing the value, you notice that FULL redaction continues to redact numeric data with zero. What must you do to activate the new default value for numeric full redaction?

- A. Re-enable redaction policies that use FULL data redaction.
- B. Re-create redaction policies that use FULL data redaction.
- C. Re-connect the sessions that access objects with redaction policies defined on them.
- D. Flush the shared pool.
- E. Restart the database instance.

**Answer:** E

**Explanation:** About Altering the Default Full Data Redaction Value

You can alter the default displayed values for full Data Redaction polices. By default, 0 is the redacted value when Oracle Database performs full redaction (DBMS\_REDACT.FULL) on a column of the NUMBER data type. If you want to change it to another value (for example, 7), then you can run the DBMS\_REDACT.UPDATE\_FULL\_REDACTION\_VALUES procedure to modify this value. The modification applies to all of the Data Redaction policies in the current database instance. After you modify a value, you must restart the database for it to take effect.

Note:

\* The DBMS\_REDACT package provides an interface to Oracle Data Redaction, which enables you to mask (redact) data that is returned from queries issued by low-privileged users or an application.

\* UPDATE\_FULL\_REDACTION\_VALUES Procedure

This procedure modifies the default displayed values for a Data Redaction policy for full redaction.

\* After you create the Data Redaction policy, it is automatically enabled and ready to redact data.

\* Oracle Data Redaction enables you to mask (redact) data that is returned from queries issued by low-privileged users or applications. You can redact column data by using one of the following methods:

- / Full redaction.
- / Partial redaction.
- / Regular expressions.
- / Random redaction.
- / No redaction.

**NEW QUESTION 10**

Which two statements are true concerning the Resource Manager plans for individual pluggable databases (PDB plans) in a multitenant container database (CDB)? (Choose two.)

- A. If no PDB plan is enabled for a pluggable database, then all sessions for that PDB are treated to an equal degree of the resource share of that PDB.
- B. In a PDB plan, subplans may be used with up to eight consumer groups.
- C. If a PDB plan is enabled for a pluggable database, then resources are allocated to consumer groups across all PDBs in the CDB.
- D. If no PDB plan is enabled for a pluggable database, then the PDB share in the CDB plan is dynamically calculated.
- E. If a PDB plan is enabled for a pluggable database, then resources are allocated to consumer groups based on the shares provided to the PDB in the CDB plan and the shares provided to the consumer groups in the PDB plan.

**Answer:** AE

**Explanation:** A: Setting a PDB resource plan is optional. If not specified, all sessions within the PDB are treated equally.

\*

In a non-CDB database, workloads within a database are managed with resource plans.

In a PDB, workloads are also managed with resource plans, also called PDB resource plans. The functionality is similar except for the following differences:

- / Non-CDBDatabase Multi-level resource plans Up to 32 consumer groups Subplans
- / PDBDatabase Single-level resource plans only Up to 8 consumer groups (not B) No subplans

**NEW QUESTION 11**

Which two statements are true about the RMAN validate database command? (Choose two.) A. It checks the database for intrablock corruptions.

- A. It can detect corrupt pfiles.
- B. It can detect corrupt sfiles.

- C. It checks the database for interblock corruptions.
- D. It can detect corrupt block change tracking files.

**Answer:** AC

**Explanation:** Block corruptions can be divided into interblock corruption and intrablock corruption. In intrablock corruption, the corruption occurs within the block itself and can be either physical or logical corruption. In interblock corruption, the corruption occurs between blocks and can only be logical corruption. (key word) \* The VALIDATE command checks for intrablock corruptions only. Only DBVERIFY and the ANALYZE statement detect interblock corruption. VALIDATE Command Output ••> List of Control File and SPFILE. File TYPE >>> SPFILE or Control File. Status >>> OK if no corruption, or FAILED if block corruption is found. Blocks Failing >>> The number of blocks that fail the corruption check. These blocks are newly corrupt. Blocks Examined >>> Total number of blocks in the file. Oracle' Database Backup and Recovery User's Guide 12c Release 1 (12.1) - 16 Validating Database Files and Backups

**NEW QUESTION 14**

You are administering a database and you receive a requirement to apply the following restrictions:

1. A connection must be terminated after four unsuccessful login attempts by user.
2. A user should not be able to create more than four simultaneous sessions.
3. User session must be terminated after 15 minutes of inactivity.
4. Users must be prompted to change their passwords every 15 days. How would you accomplish these requirements?

- A. by granting a secure application role to the users
- B. by creating and assigning a profile to the users and setting the REMOTE\_OS\_AUTHENT parameter to FALSE
- C. By creating and assigning a profile to the users and setting the SEC\_MAX\_FAILED\_LOGIN\_ATTEMPTS parameter to 4
- D. By Implementing Fine-Grained Auditing (FGA) and setting the REMOTE\_LOGIN\_PASSWORD\_FILE parameter to NONE.
- E. By implementing the database resource Manager plan and setting the SEC\_MAX\_FAILED\_LOGIN\_ATTEMPTS parameters to 4.

**Answer:** A

**Explanation:** You can design your applications to automatically grant a role to the user who is trying to log in, provided the user meets criteria that you specify. To do so, you create a secure application role, which is a role that is associated with a PL/SQL procedure (or PL/SQL package that contains multiple procedures). The procedure validates the user: if the user fails the validation, then the user cannot log in. If the user passes the validation, then the procedure grants the user a role so that he or she can use the application. The user has this role only as long as he or she is logged in to the application. When the user logs out, the role is revoked.

Incorrect:

Not B: REMOTE\_OS\_AUTHENT specifies whether remote clients will be authenticated with the value of the OS\_AUTHENT\_PREFIX parameter.

Not C, not E: SEC\_MAX\_FAILED\_LOGIN\_ATTEMPTS specifies the number of authentication attempts that can be made by a client on a connection to the server process. After the specified number of failure attempts, the connection will be automatically dropped by the server process.

Not D: REMOTE\_LOGIN\_PASSWORDFILE specifies whether Oracle checks for a password file. Values:

shared

One or more databases can use the password file. The password file can contain SYS as well as non-SYS users. exclusive

The password file can be used by only one database. The password file can contain SYS as well as non-SYS users. none

Oracle ignores any password file. Therefore, privileged users must be authenticated by the operating system. Note:

The REMOTE\_OS\_AUTHENT parameter is deprecated. It is retained for backward compatibility only.

**NEW QUESTION 19**

Examine the resources consumed by a database instance whose current Resource Manager plan is displayed.

```
SQL> SELECT name, active_sessions, queue_length,
           consumed_cpu_time, cpu_waits, cpu_wait_time
           FROM v$rsrc_consumer_group;
```

NAME	ACTIVE_SESSIONS	QUEUE_LENGTH	CONSUMED_CPU_WAITS	CPU_WAITS	CPU_WAIT_TIME
OLTP__ORDER__ENTRY	1	0	29690	467	6709
OTHER__GROUPS	0	0	5982366	4089	60425
SYS_GROUP	1	0	2420704	914	19540
DSS_QUERIES	4	2	4594660	3004	55700

Which two statements are true? (Choose two.)

- A. An attempt to start a new session by a user belonging to DSS\_QUERIES fails with an error.
- B. An attempt to start a new session by a user belonging to OTHER\_GROUPS fails with an error.
- C. The CPU\_WAIT\_TIME column indicates the total time that sessions in the consumer group waited for the CPU due to resource management.
- D. The CPU\_WAIT\_TIME column indicates the total time that sessions in the consumer group waited for the CPU due to I/O waits and latch or enqueue

contention.

E. A user belonging to the DSS QUERIES resource consumer group can create a new session but the session will be queued.

**Answer:** CE

#### NEW QUESTION 23

Which statement is true regarding the startup of a database instance?

- A. The instance does not start up normally and requires manual media recovery after a shutdown using the ABORT option.
- B. Uncommitted transactions are rolled back during the startup of the database instance after a shutdown using the immediate option.
- C. There is no difference in the underlying mechanics of the startup whether the database is shut down by using the IMMEDIATE option or the ABORT option.
- D. Media recovery is required when the database is shut down by using either the IMMEDIATE option or the ABORT option.
- E. Instance recovery is not required if the database instance was shut down by using SHUTDOWN IMMEDIATE.

**Answer:** E

**Explanation:** References:

[http://docs.oracle.com/cd/A87860\\_01/doc/server.817/a76956/start.htm](http://docs.oracle.com/cd/A87860_01/doc/server.817/a76956/start.htm)

#### NEW QUESTION 24

You plan to create a database by using the Database Configuration Assistant (DBCA), with the following specifications:

- Applications will connect to the database via a middle tier.
- The number of concurrent user connections will be high.
- The database will have mixed workload, with the execution of complex BI queries scheduled at night. Which DBCA option must you choose to create the database?

- A. a General Purpose database template with default memory allocation
- B. a Data Warehouse database template, with the dedicated server mode option and AMM enabled
- C. a General Purpose database template, with the shared server mode option and Automatic Memory Management (AMM) enabled
- D. a default database configuration

**Answer:** C

**Explanation:** References:

<http://www.oracledistilled.com/oracle-database/administration/creating-a-database-using-database-configuration>

#### NEW QUESTION 27

A database is open READ WRITE and the instance has multiple sessions some of which have active transactions.

You execute this command:

```
SQL> ALTER SYSTEM ENABLE RESTRICTED SESSION;
```

Which three are true about the active transactions? (Choose three.)

- A. They may issue COMMIT OR ROLLBACK statements
- B. They are suspended and unable to issue any statements
- C. They may continue to issue DML statements
- D. They are rolled back automatically
- E. They may continue to issue queries
- F. They are terminated immediately

**Answer:** BDF

#### NEW QUESTION 31

You have installed two 64G flash devices to support the Database Smart Flash Cache feature on your database server that is running on Oracle Linux.

You have set the DB\_SMART\_FLASH\_FILE parameter: DB\_FLASH\_CACHE\_FILE= '/dev/flash\_device\_1 ',' /dev/flash\_device\_2' How should the DB\_FLASH\_CACHE\_SIZE be configured to use both devices?

- A. Set DB\_FLASH\_CACHE\_SIZE = 64G.
- B. Set DB\_FLASH\_CACHE\_SIZE = 64G, 64G
- C. Set DB\_FLASH\_CACHE\_SIZE = 128G.
- D. DB\_FLASH\_CACHE\_SIZE is automatically configured by the instance at startup.

**Answer:** B

**Explanation:** \* Smart Flash Cache concept is not new in Oracle 12C - DB Smart Flash Cache in Oracle 11g.

In this release Oracle has made changes related to both initialization parameters used by DB Smart Flash cache. Now you can define many files|devices and its sizes for "Database Smart Flash Cache" area. In previous releases only one file|device could be defined.

```
DB_FLASH_CACHE_FILE = /dev/sda, /dev/sdb, /dev/sdc DB_FLASH_CACHE_SIZE = 32G, 32G, 64G
```

So above settings defines 3 devices which will be in use by "DB Smart Flash Cache"

```
/dev/sda – size 32G
```

```
/dev/sdb – size 32G
```

```
/dev/sdc – size 64G
```

New view V\$FLASHFILESTAT – it's used to determine the cumulative latency and read counts of each file|device and compute the average latency

#### NEW QUESTION 34

Which three statements are true about adaptive SQL plan management? (Choose three.)

- A. It automatically performs verification or evolves non-accepted plans, in COMPREHENSIVE mode when they perform better than existing accepted plans.
- B. The optimizer always uses the fixed plan, if the fixed plan exists in the plan baseline.
- C. It adds new, better plans automatically as fixed plans to the baseline.
- D. The non-accepted plans are automatically accepted and become usable by the optimizer if they perform better than the existing accepted plans.
- E. The non-accepted plans in a SQL plan baseline are automatically evolved, in COMPREHENSIVE mode, during the nightly maintenance window and a persistent verification report is generated.

**Answer:** ADE

**Explanation:** With adaptive SQL plan management, DBAs no longer have to manually run the verification or evolve process for non-accepted plans. When automatic SQL tuning is in COMPREHENSIVE mode, it runs a verification or evolve process for all SQL statements that have non-accepted plans during the nightly maintenance window. If the non-accepted plan performs better than the existing accepted plan (or plans) in the SQL plan baseline, then the plan is automatically accepted and becomes usable by the optimizer. After the verification is complete, a persistent report is generated detailing how the non-accepted plan performs compared to the accepted plan performance. Because the evolve process is now an AUTOTASK, DBAs can also schedule their own evolve job at end time.

Note:

- \* The optimizer is able to adapt plans on the fly by predetermining multiple subplans for portions of the plan.
- \* Adaptive plans, introduced in Oracle Database 12c, enable the optimizer to defer the final plan decision for a statement until execution time. The optimizer instruments its chosen plan (the default plan) with statistics collectors so that it can detect at runtime, if its cardinality estimates differ greatly from the actual number of rows seen by the operations in the plan. If there is a significant difference, then the plan or a portion of it will be automatically adapted to avoid suboptimal performance on the first execution of a SQL statement.

**NEW QUESTION 37**

Which three statements are true concerning the multitenant architecture? (Choose three.)

- A. Each pluggable database (PDB) has its own set of background processes.
- B. A PDB can have a private temp tablespace.
- C. PDBs can share the sysaux tablespace.
- D. Log switches occur only at the multitenant container database (CDB) level.
- E. Different PDBs can have different default block sizes.
- F. PDBs share a common system tablespace.
- G. Instance recovery is always performed at the CDB level.

**Answer:** BDG

**Explanation:** B:

- \* A PDB would have its SYSTEM, SYSAUX, TEMP tablespaces. It can also contains other user created tablespaces in it.
  - \* There is one default temporary tablespace for the entire CDB. However, you can create additional temporary tablespaces in individual PDBs.
- D:
- \* There is a single redo log and a single control file for an entire CDB
  - \* A log switch is the point at which the database stops writing to one redo log file and begins writing to another. Normally, a log switch occurs when the current redo log file is completely filled and writing must continue to the next redo log file.
- G: instance recovery
- The automatic application of redo log records to uncommitted data blocks when an database instance is restarted after a failure.
- Incorrect: Not A:
- \* There is one set of background processes shared by the root and all PDBs.
  - \* High consolidation density. The many pluggable databases in a single container database share its memory and background processes, letting you operate many more pluggable databases on a particular platform than you can single databases that use the old architecture.
- Not C: There is a separate SYSAUX tablespace for the root and for each PDB. Not F: There is a separate SYSTEM tablespace for the root and for each PDB.

**NEW QUESTION 39**

Examine the structure of the SALES table, which is stored in a locally managed tablespace with Automatic Segment Space Management (ASSM) enabled.

Name	Null?	Type
PROD_ID	NOT NULL	NUMBER
CUST_ID	NOT NULL	NUMBER
TIME_ID	NOT NULL	DATE
CHANNEL_ID	NOT NULL	NUMBER
PROMO_ID	NOT NULL	NUMBER
QUANTITY_SOLD	NOT NULL	NUMBER (10,2)
AMOUNT_SOLD	NOT NULL	NUMBER (10,2)

You want to perform online segment shrink to reclaim fragmented free space below the high water mark. What should you ensure before the start of the operation?

- A. Row movement is enabled.
- B. Referential integrity constraints for the table are disabled.
- C. No queries are running on this table.
- D. Extra disk space equivalent to the size of the segment is available in the tablespace.
- E. No pending transaction exists on the tabl

**Answer:** A

**NEW QUESTION 41**

Examine the memory-related parameters set in the SPFILE of an Oracle database:

```
memory_max_target=6G
memory_target=5G
pga_aggregate_target=500M
sga_max_size=0
sga_target=0
```

Which statement is true?

- A. Only SGA components are sized automatically.
- B. Memory is dynamically re-allocated between the SGA and PGA as needed.
- C. The size of the PGA cannot grow automatically beyond 500 MB.
- D. The value of the MEMORY\_TARGET parameter cannot be changed dynamically.

**Answer:** B

#### NEW QUESTION 44

To enable the Database Smart Flash Cache, you configure the following parameters: DB\_FLASH\_CACHE\_FILE = '/dev/flash\_device\_1' , '/dev/flash\_device\_2'  
DB\_FLASH\_CACHE\_SIZE=64G

What is the result when you start up the database instance?

- A. It results in an error because these parameter settings are invalid.
- B. One 64G flash cache file will be used.
- C. Two 64G flash cache files will be used.
- D. Two 32G flash cache files will be used.

**Answer:** A

#### NEW QUESTION 46

An administrator account is granted the CREATE SESSION and SET CONTAINER system privileges. A multitenant container database (CDB) instance has the following parameter set: THREADED\_EXECUTION = FALSE

Which four statements are true about this administrator establishing connections to root in a CDB that has been opened in read only mode? (Choose four.)

- A. You can connect as a common user by using the connect statement.
- B. You can connect as a local user by using the connect statement.
- C. You can connect by using easy connect.
- D. You can connect by using OS authentication.
- E. You can connect by using a Net Service name.
- F. You can connect as a local user by using the SET CONTAINER statement.

**Answer:** ACDE

#### NEW QUESTION 50

Which two statements are true about the logical storage structure of an Oracle database? (Choose two.)

- A. An extent contains data blocks that are always physically contiguous on disk.
- B. An extent can span multiple segments.
- C. Each data block always corresponds to one operating system block.
- D. It is possible to have tablespaces of different block sizes.
- E. A data block is the smallest unit of I/O in data files.

**Answer:** DE

#### NEW QUESTION 53

Which two statements are true about Oracle Managed Files (OMF)? (Choose two.)

- A. OMF cannot be used in a database that already has data files created with user-specified directories.
- B. The file system directories that are specified by OMF parameters are created automatically.
- C. OMF can be used with ASM disk groups, as well as with raw devices, for better file management.
- D. OMF automatically creates unique file names for tablespaces and control files.
- E. OMF may affect the location of the redo log files and archived log files.

**Answer:** DE

**Explanation:** D: The database internally uses standard file system interfaces to create and delete files as needed for the following database structures:

Tablespaces Redo log files Control files Archived logs

Block change tracking files Flashback logs

RMAN backups Note:

\* Using Oracle-managed files simplifies the administration of an Oracle Database. Oracle-managed files eliminate the need for you, the DBA, to directly manage the operating system files that make up an Oracle Database. With Oracle-managed files, you specify file system directories in which the database automatically creates, names, and manages files at the database object level. For example, you need only specify that you want to create a tablespace; you do not need to specify the name and path of the tablespace's datafile with the DATAFILE clause.

<http://www.oracle-base.com/articles/9i/oracle-managed-files.php>

[http://docs.oracle.com/cd/B10500\\_01/server.920/a96521/omf.htm](http://docs.oracle.com/cd/B10500_01/server.920/a96521/omf.htm) References:

#### NEW QUESTION 56

You notice a high number of waits for the db file scattered read and db file sequential read events in the recent Automatic Database Diagnostic Monitor (ADDM) report. After further investigation, you find that queries are performing too many full table scans and indexes are not being used even though the filter columns are indexed. Identify three possible reasons for this.

- A. Missing or stale histogram statistics
- B. Undersized shared pool
- C. High clustering factor for the indexes
- D. High value for the DB\_FILE\_MULTIBLOCK\_READ\_COUNT parameter
- E. Oversized buffer cache

**Answer:** ACD

**Explanation:** D: DB\_FILE\_MULTIBLOCK\_READ\_COUNT is one of the parameters you can use to minimize I/O during table scans. It specifies the maximum number of blocks read in one I/O operation during a sequential scan. The total number of I/Os needed to perform a full table scan depends on such factors as the size of the table, the multiblock read count, and whether parallel execution is being utilized for the operation.

#### NEW QUESTION 58

You want to capture column group usage and gather extended statistics for better cardinality estimates for the CUSTOMERS table in the SH schema. Examine the following steps:

1. Issue the SELECT DBMS\_STATS.CREATE\_EXTENDED\_STATS ('SH', 'CUSTOMERS') FROM dual statement.
2. Execute the DBMS\_STATS.SEED\_COL\_USAGE (null, 'SH', 500) procedure.
3. Execute the required queries on the CUSTOMERS table.
4. Issue the SELECT DBMS\_STATS.REPORT\_COL\_USAGE ('SH', 'CUSTOMERS') FROM dual statement.

Identify the correct sequence of steps.

- A. 3, 2, 1, 4
- B. 2, 3, 4, 1
- C. 4, 1, 3, 2
- D. 3, 2, 4, 1

**Answer:** B

**Explanation:** Step 1 (2). Seed column usage

Oracle must observe a representative workload, in order to determine the appropriate column groups. Using the new procedure DBMS\_STATS.SEED\_COL\_USAGE, you tell Oracle how long it should observe the workload.

Step 2: (3) You don't need to execute all of the queries in your work during this window. You can simply run explain plan for some of your longer running queries to ensure column group information is recorded for these queries.

Step 3. (1) Create the column groups

At this point you can get Oracle to automatically create the column groups for each of the tables based on the usage information captured during the monitoring window. You simply have to call the DBMS\_STATS.CREATE\_EXTENDED\_STATS function for each table. This function requires just two arguments, the schema name and the table name. From then on, statistics will be maintained for each column group whenever statistics are gathered on the table.

Note:

\* DBMS\_STATS.REPORT\_COL\_USAGE reports column usage information and records all the SQL operations the database has processed for a given object.

\* The Oracle SQL optimizer has always been ignorant of the implied relationships between data columns within the same table. While the optimizer has traditionally analyzed the distribution of values within a column, he does not collect value-based relationships between columns.

\* Creating extended statistics Here are the steps to create extended statistics for related table columns with dbms\_stats.create\_extended\_stats:

1 - The first step is to create column histograms for the related columns. 2 - Next, we run dbms\_stats.create\_extended\_stats to relate the columns together.

Unlike a traditional procedure that is invoked via an execute ("exec") statement, Oracle extended statistics are created via a select statement.

#### NEW QUESTION 61

You are about to plug a multi-terabyte non-CDB into an existing multitenant container database (CDB). The characteristics of the non-CDB are as follows:

- Version: Oracle Database 11g Release 2 (11.2.0.2.0) 64-bit
- Character set: AL32UTF8
- National character set: AL16UTF16
- O/S: Oracle Linux 6 64-bit

The characteristics of the CDB are as follows:

- Version: Oracle Database 12c Release 1 64-bit
- Character Set: AL32UTF8
- National character set: AL16UTF16
- O/S: Oracle Linux 6 64-bit

Which technique should you use to minimize down time while plugging this non-CDB into the CDB?

- A. Transportable database
- B. Transportable tablespace
- C. Data Pump full export/import
- D. The DBMS\_PDB package
- E. RMAN

**Answer:** B

**Explanation:** \* Overview, example:

- Log into ncdb12c as sys
- Get the database in a consistent state by shutting it down cleanly.
- Open the database in read only mode

- Run DBMS\_PDB.DESCRIBE to create an XML file describing the database.
- Shut down ncdb12c
- Connect to target CDB (CDB2)
- Check whether non-cdb (NCDB12c) can be plugged into CDB(CDB2)
- Plug-in Non-CDB (NCDB12c) as PDB(NCDB12c) into target CDB(CDB2).
- Access the PDB and run the noncdb\_to\_pdb.sql script.
- Open the new PDB in read/write mode.
- \* You can easily plug an Oracle Database 12c non-CDB into a CDB. Just create a PDB manifest file for the non-CDB, and then use the manifest file to create a cloned PDB in the CDB.
- \* Note that to plug in a non-CDB database into a CDB, the non-CDB database needs to be of version 12c as well. So existing 11g databases will need to be upgraded to 12c before they can be part of a 12c CDB.

#### NEW QUESTION 64

Which two statements are true about SQL\*Loader Express Mode in an Oracle 12c database? (Choose two.)

- A. It loads data faster than conventional SQL\*Loader
- B. No data file needs to be specified
- C. It can load data in parallel
- D. It loads data more efficiently than conventional SQL\*Loader
- E. It requires Enterprise Manager Express to be configured

**Answer:** AC

**Explanation:** Reference: <https://www.oracle.com/technetwork/database/enterprise-edition/learnmore/sqlldr-express-modewp-1991038.pdf>

#### NEW QUESTION 67

You are the DBA supporting an Oracle 11g Release 2 database and wish to move a table containing several DATE, CHAR, VARCHAR2, and NUMBER data types, and the table's indexes, to another tablespace.

The table does not have a primary key and is used by an OLTP application.

Which technique will move the table and indexes while maintaining the highest level of availability to the application?

- A. Oracle Data Pump.
- B. An ALTER TABLE MOVE to move the table and ALTER INDEX REBUILD to move the indexes.
- C. An ALTER TABLE MOVE to move the table and ALTER INDEX REBUILD ONLINE to move the indexes.
- D. Online Table Redefinition.
- E. Edition-Based Table Redefinition.

**Answer:** D

**Explanation:** \* Oracle Database provides a mechanism to make table structure modifications without significantly affecting the availability of the table. The mechanism is called online table redefinition. Redefining tables online provides a substantial increase in availability compared to traditional methods of redefining tables.

\* To redefine a table online:

Choose the redefinition method: by key or by rowid

\* By key—Select a primary key or pseudo-primary key to use for the redefinition. Pseudo-primary keys are unique keys with all component columns having NOT NULL constraints. For this method, the versions of the tables before and after redefinition should have the same primary key columns. This is the preferred and default method of redefinition.

\* By rowid—Use this method if no key is available. In this method, a hidden column named M\_ROW\$\$ is added to the post-redefined version of the table. It is recommended that this column be dropped or marked as unused after the redefinition is complete. If COMPATIBLE is set to 10.2.0 or higher, the final phase of redefinition automatically sets this column unused. You can then use the ALTER TABLE ... DROP UNUSED COLUMNS statement to drop it.

You cannot use this method on index-organized tables. Note:

\* When you rebuild an index, you use an existing index as the data source. Creating an index in this manner enables you to change storage characteristics or move to a new tablespace. Rebuilding an index based on an existing data source removes intra-block fragmentation. Compared to dropping the index and using the CREATE INDEX statement, re-creating an existing index offers better performance.

Incorrect:

Not E: Edition-based redefinition enables you to upgrade the database component of an application while it is in use, thereby minimizing or eliminating down time.

#### NEW QUESTION 72

You use a recovery catalog for maintaining your database backups. You execute the following command:

```
$rman TARGET / CATALOG rman / cat@catdb
```

```
RMAN > BACKUP VALIDATE DATABASE ARCHIVELOG ALL;
```

Which two statements are true? (Choose two.)

- A. Corrupted blocks, if any, are repaired.
- B. Checks are performed for physical corruptions.
- C. Checks are performed for logical corruptions.
- D. Checks are performed to confirm whether all database files exist in correct locations
- E. Backup sets containing both data files and archive logs are created.

**Answer:** BD

**Explanation:** B (not C): You can validate that all database files and archived redo logs can be backed up by running a command as follows:

```
RMAN> BACKUP VALIDATE DATABASE ARCHIVELOG ALL;
```

This form of the command would check for physical corruption. To check for logical corruption, RMAN> BACKUP VALIDATE CHECK LOGICAL DATABASE ARCHIVELOG ALL;

D: You can use the VALIDATE keyword of the BACKUP command to do the following: Check datafiles for physical and logical corruption

Confirm that all database files exist and are in the correct locations. Note:

You can use the VALIDATE option of the BACKUP command to verify that database files exist and are in the correct locations (D), and have no physical or logical corruptions that would prevent RMAN from creating backups of them. When performing a BACKUP...VALIDATE, RMAN reads the files to be backed up in their entirety, as it would during a real backup. It does not, however, actually produce any backup sets or image copies (Not A, not E).

#### NEW QUESTION 75

Examine the following query output:

```
SQL> SELECT name, force_logging FROM v$databases;
```

NAME	FORCE_LOGGING
PROD	NO

You issue the following command to import tables into the hr schema:

```
$ > impdp hr/hr directory = dumpdir dumpfile = hr_new.dmp schemas=hr TRANSFORM=DISABLE_ARCHIVE_LOGGING: Y
```

Which statement is true?

- A. All database operations performed by the impdp command are logged.
- B. Only CREATE INDEX and CREATE TABLE statements generated by the import are logged.
- C. Only CREATE TABLE and ALTER TABLE statements generated by the import are logged.
- D. None of the operations against the master table used by Oracle Data Pump to coordinate its activities are logged.

**Answer:** C

**Explanation:** Oracle Data Pump disable redo logging when loading data into tables and when creating indexes.

The new TRANSFORM option introduced in data pumps import provides the flexibility to turn off the redo generation for the objects during the course of import.

The Master Table is used to track the detailed progress information of a Data Pump job.

The Master Table is created in the schema of the current user running the Pump Dump export or import, and it keeps tracks of lots of detailed information.

#### NEW QUESTION 78

You create a new pluggable database, HR\_PDB, from the seed database. Which three tablespaces are created by default in HR\_PDB? (Choose three.)

- A. SYSTEM
- B. SYSAUX
- C. EXAMPLE
- D. UNDO
- E. TEMP
- F. USERS

**Answer:** ABE

**Explanation:** \* A PDB would have its SYSTEM, SYSAUX, TEMP tablespaces. It can also contain other user created tablespaces in it.

\* Oracle Database creates both the SYSTEM and SYSAUX tablespaces as part of every database.

\* tablespace\_datafile\_clauses

Use these clauses to specify attributes for all data files comprising the SYSTEM and SYSAUX tablespaces in the seed PDB.

Incorrect:

Not D: a PDB can not have an undo tablespace. Instead, it uses the undo tablespace belonging to the CDB. Note:

\* Example:

```
CONN pdb_admin@pdb1
```

```
SELECT tablespace_name FROM dba_tablespaces; TABLESPACE_NAME
```

```
----- SYSTEM
```

```
SYSAUX TEMP USERS SQL>
```

#### NEW QUESTION 81

You execute the following commands to audit database activities:

```
SQL > ALTER SYSTEM SET AUDIT_TRIAL=DB, EXTENDED SCOPE=SPFILE;
```

```
SQL > AUDIT SELECT TABLE, INSERT TABLE, DELETE TABLE BY JOHN BY SESSION WHENEVER SUCCESSFUL;
```

Which statement is true about the audit record that generated when auditing after instance restarts?

- A. One audit record is created for every successful execution of a SELECT, INSERT OR DELETE command on a table, and contains the SQL text for the SQL Statements.
- B. One audit record is created for every successful execution of a SELECT, INSERT OR DELETE command, and contains the execution plan for the SQL statements.
- C. One audit record is created for the whole session if john successfully executes a SELECT, INSERT, or DELETE command, and contains the execution plan for the SQL statements.
- D. One audit record is created for the whole session if JOHN successfully executes a select command, and contains the SQL text and bind variables used.
- E. One audit record is created for the whole session if john successfully executes a SELECT, INSERT, or DELETE command on a table, and contains the execution plan, SQL text, and bind variables used.

**Answer:** A

**Explanation:** Note:

\* BY SESSION

In earlier releases, BY SESSION caused the database to write a single record for all SQL statements or operations of the same type executed on the same schema objects in the same session. Beginning with this release (11g) of Oracle Database, both BY SESSION and BY ACCESS cause Oracle Database to write one audit record for each audited statement and operation.

\* BY ACCESS

Specify BY ACCESS if you want Oracle Database to write one record for each audited statement and operation. Note:

If you specify either a SQL statement shortcut or a system privilege that audits a data definition language (DDL) statement, then the database always audits by access. In all other cases, the database honors the BY SESSION or BY ACCESS specification.

\* For each audited operation, Oracle Database produces an audit record containing this information:

- / The user performing the operation
  - / The type of operation
  - / The object involved in the operation
  - / The date and time of the operation
- References:

**NEW QUESTION 82**

Identify three scenarios in which you would recommend the use of SQL Performance Analyzer to analyze impact on the performance of SQL statements.

- A. Change in the Oracle Database version
- B. Change in your network infrastructure
- C. Change in the hardware configuration of the database server
- D. Migration of database storage from non-ASM to ASM storage
- E. Database and operating system upgrade

**Answer:** ACE

**Explanation:** Oracle 11g/12c makes further use of SQL tuning sets with the SQL Performance Analyzer, which compares the performance of the statements in a tuning set before and after a database change. The database change can be as major or minor as you like, such as:

- \* (E) Database, operating system, or hardware upgrades.
- \* (A, C) Database, operating system, or hardware configuration changes.
- \* Database initialization parameter changes.
- \* Schema changes, such as adding indexes or materialized views.
- \* Refreshing optimizer statistics.
- \* Creating or changing SQL profiles.

**NEW QUESTION 86**

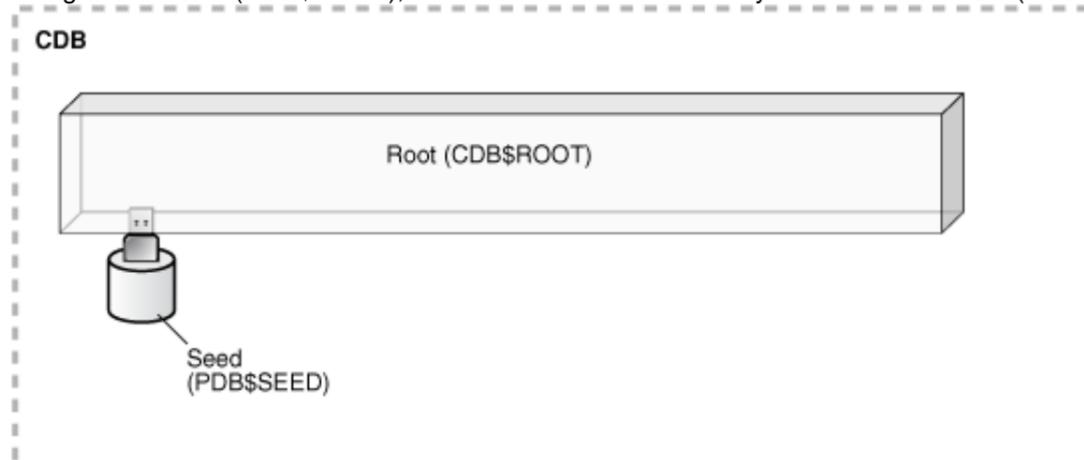
What is the effect of specifying the "ENABLE PLUGGABLE DATABASE" clause in a "CREATE DATABASE" statement?

- A. It will create a multitenant container database (CDB) with only the root opened.
- B. It will create a CDB with root opened and seed read only.
- C. It will create a CDB with root and seed opened and one PDB mounted.
- D. It will create a CDB that must be plugged into an existing CDB.
- E. It will create a CDB with root opened and seed mounted.

**Answer:** B

**Explanation:** \* The CREATE DATABASE ... ENABLE PLUGGABLE DATABASE SQL statement creates a new CDB. If you do not specify the ENABLE PLUGGABLE DATABASE clause, then the newly created database is a non-CDB and can never contain PDBs.

Along with the root (CDB\$ROOT), Oracle Database automatically creates a seed PDB (PDB\$SEED). The following graphic shows a newly created CDB:



\* Creating a PDB

Rather than constructing the data dictionary tables that define an empty PDB from scratch, and then populating its Obj\$ and Dependency\$ tables, the empty PDB is created when the CDB is created. (Here, we use empty to mean containing no customer-created artifacts.) It is referred to as the seed PDB and has the name PDB\$Seed. Every CDB non-negotiably contains a seed PDB; it is non-negotiably always open in read-only mode. This has no conceptual significance; rather, it is just an optimization device. The create PDB operation is implemented as a special case of the clone PDB operation.

**NEW QUESTION 91**

Which two statements are true about extents? (Choose two.)

- A. Blocks belonging to an extent can be spread across multiple data files.
- B. Data blocks in an extent are logically contiguous but can be non-contiguous on disk.
- C. The blocks of a newly allocated extent, although free, may have been used before.
- D. Data blocks in an extent are automatically reclaimed for use by other objects in a tablespace when all the rows in a table are deleted.

**Answer:** BC

**NEW QUESTION 94**

The HR user receives the following error while inserting data into the sales table:

```
ERROR at line 1:
ORA-01653: unable to extend table HR.SALES by 128 in tablespace USERS
```

On investigation, you find that the users tablespace uses Automatic Segment Space Management (ASSM). It is the default tablespace for the HR user with an unlimited quota on it.

Which two methods would you use to resolve this error? (Choose two.)

- A. Altering the data file associated with the USERS tablespace to extend automatically
- B. Adding a data file to the USERS tablespace
- C. Changing segment space management for the USERS tablespace to manual
- D. Creating a new tablespace with autoextend enabled and changing the default tablespace of the HR user to the new tablespace
- E. Enabling resumable space allocation by setting the RESUMABLE\_TIMEOUT parameter to a nonzero value

**Answer:** AB

#### NEW QUESTION 97

Identify two correct statements about multitenant architectures.

- A. Multitenant architecture can be deployed only in a Real Application Clusters (RAC) configuration.
- B. Multiple pluggable databases (PDBs) share certain multitenant container database (CDB) resources.
- C. Multiple CDBs share certain PDB resources.
- D. Multiple non-RAC CDB instances can mount the same PDB as long as they are on the same server.
- E. Patches are always applied at the CDB level.
- F. A PDB can have a private undo tablespac

**Answer:** BE

**Explanation:** B: Using 12c Resource manager you will be able control CPU, Exadata I/O, sessions and parallel servers. A new 12c CDB Resource Manager Plan will use so-called "Shares" (resource allocations) to specify how CPU is distributed between PDBs. ACDB Resource Manager Plan also can use "utilization limits" to limit the CPU usage for a PDB. With a default directive, you do not need to modify the resource plan for each PDB plug and unplug.

E: New paradigms for rapid patching and upgrades.

The investment of time and effort to patch one multitenant container database results in patching all of its many pluggable databases. To patch a single pluggable database, you simply unplug/plug to a multitenant container database at a different Oracle Database software version.

Incorrect: Not A:

\* The Oracle RAC documentation describes special considerations for a CDB in an Oracle RAC environment.

\* Oracle Multitenant is a new option for Oracle Database 12c Enterprise Edition that helps customers reduce IT costs by simplifying consolidation, provisioning, upgrades, and more.

It is supported by a new architecture that allows a container database to hold many pluggable databases. And it fully complements other options, including Oracle Real Application Clusters and Oracle Active Data Guard. An existing database can be simply adopted, with no change, as a pluggable database; and no changes are needed in the other tiers of the application.

Not D: You can unplug a PDB from one CDB and plug it into a different CDB without altering your schemas or applications. A PDB can be plugged into only one CDB at a time.

not F:

\* UNDO tablespace can NOT be local and stays on the CDB level.

\* Redo and undo go hand in hand, and so the CDB as a whole has a single undo tablespace per RAC instance.

#### NEW QUESTION 102

As a user of the ORCL database, you establish a database link to the remote HQ database such that all users in the ORCL database may access tables only from the SCOTT schema in the HQ database. SCOTT's password is TIGER. The service name "HQ" is used to connect to the remote HQ database.

Which command would you execute to create the database link?

- A. CREATE DATABASE LINK HQ USING 'HQ';
- B. CREATE DATABASE LINK HQ CONNECT TO CURRENT\_USER USING 'HQ';
- C. CREATE PUBLICDATABASE LINK HQ CONNECT TO scott IDENTIFIED BY tiger USING 'HQ';
- D. CREATE DATABASE LINK HQ CONNECT TO scott IDENTIFIED BY tiger USING 'HQ';

**Answer:** C

#### NEW QUESTION 107

Your database supports a DSS workload that involves the execution of complex queries: Currently, the library cache contains the ideal workload for analysis. You want to analyze some of the queries for an application that are cached in the library cache.

What must you do to receive recommendations about the efficient use of indexes and materialized views to improve query performance?

- A. Create a SQL Tuning Set (STS) that contains the queries cached in the library cache and run the SQL Tuning Advisor (STA) on the workload captured in the STS.
- B. Run the Automatic Workload Repository Monitor (AWRM).
- C. Create an STS that contains the queries cached in the library cache and run the SQL Performance Analyzer (SPA) on the workload captured in the STS.
- D. Create an STS that contains the queries cached in the library cache and run the SQL Access Advisor on the workload captured in the STS.

**Answer:** D

**Explanation:** \* SQL Access Advisor is primarily responsible for making schema modification recommendations, such as adding or dropping indexes and materialized views. SQL Tuning Advisor makes other types of recommendations, such as creating SQL profiles and restructuring SQL statements.

\* The query optimizer can also help you tune SQL statements. By using SQL Tuning Advisor and SQL

Access Advisor, you can invoke the query optimizer in advisory mode to examine a SQL statement or set of statements and determine how to improve their efficiency. SQL Tuning Advisor and SQL Access Advisor can make various recommendations, such as creating SQL profiles, restructuring SQL statements, creating additional indexes or materialized views, and refreshing optimizer statistics.

Note:

\* Decision support system (DSS) workload

\* The library cache is a shared pool memory structure that stores executable SQL and PL/SQL code. This cache contains the shared SQL and PL/SQL areas and control structures such as locks and library cache handles.

**NEW QUESTION 109**

Which two must be installed or configured either manually or by DBCA in order to use Enterprise Manager Database Express (EM Express)? (Choose two.)

- A. A port number for Oracle HTTP Server must be configured
- B. The APEX\_PUBLIC\_USER role must be granted to SYSMAN
- C. A SYSMAN user with SYSDBA privilege must be created
- D. At least one TCP/IP dispatcher must be configured
- E. The Oracle HTTP Server must be installed

**Answer:** BD

**NEW QUESTION 114**

You must track all transactions that modify certain tables in the sales schema for at least three years. Automatic undo management is enabled for the database with a retention of one day.

Which two must you do to track the transactions? (Choose two.)

- A. Enable supplemental logging for the database.
- B. Specify undo retention guarantee for the database.
- C. Create a Flashback Data Archive in the tablespace where the tables are stored.
- D. Create a Flashback Data Archive in any suitable tablespace.
- E. Enable Flashback Data Archiving for the tables that require tracking.

**Answer:** DE

**Explanation:** E: By default, flashback archiving is disabled for any table. You can enable flashback archiving for a table if you have the FLASHBACK ARCHIVE object privilege on the Flashback Data Archive that you want to use for that table.

D: Creating a Flashback Data Archive

/ Create a Flashback Data Archive with the CREATEFLASHBACK ARCHIVE statement, specifying the following: Name of the Flashback Data Archive

Name of the first tablespace of the Flashback Data Archive

(Optional) Maximum amount of space that the Flashback Data Archive can use in the first tablespace

/ Create a Flashback Data Archive named fla2 that uses tablespace tbs2, whose data will be retained for two years: CREATEFLASHBACK ARCHIVE fla2 TABLESPACE tbs2 RETENTION 2 YEAR;

**NEW QUESTION 117**

Which four actions are possible during an Online Data file Move operation? (Choose four.)

- A. Creating and dropping tables in the data file being moved
- B. Performing file shrink of the data file being moved
- C. Querying tables in the data file being moved
- D. Performing Block Media Recovery for a data block in the data file being moved
- E. Flashing back the database
- F. Executing DML statements on objects stored in the data file being moved

**Answer:** ACEF

**Explanation:** - You can now move On line Datafile without have to stop Monoged Recovery and manually copy and rename Files. This can even be used to move Datafiles from or to ASM.

- New in Oracle Database 12c: FROM METAUNK. Physical Standby Database is in Active Data Guard Mode (opened READ ONLY and Managed Recovery is running):

It is now possible to online move a Datafile while Managed Recovery is running, ie. the Physical Standby Database is in Active Data Guard Mode. You con use this Command to move the Datafile

- A flashback operation does not relocate a moved data file to its previous location. If you move a data file online from one location to another and later flash back the database to a point in time before the move, then the Data file remains in the new location, but the contents of the Data file ore changed to the contents at the time specified in the flashback. Oracle0 Database Administrator's Guide 12c Release 1 (12.1)

**NEW QUESTION 118**

You upgraded your database from pre-12c to a multitenant container database (CDB) containing pluggable databases (PDBs).

Examine the query and its output:

```
SQL> SELECT * FROM v$PWFFILE_users;

USERNAME                               SYSDB SYSOP SYSAS SYSBA SYSDG SYSKM          CON_ID
-----
SYS                                     TRUE  TRUE  FALSE FALSE FALSE FALSE          0
```

Which two tasks must you perform to add users with SYSBACKUP, SYSDG, and SYSKM privilege to the password file? (Choose two.)

- A. Assign the appropriate operating system groups to SYSBACKUP, SYSDG, SYSKM.
- B. Grant SYSBACKUP, SYSDG, and SYSKM privileges to the intended users.

- C. Re-create the password file with SYSBACKUP, SYSDG, and SYSKM privilege and the FORCE argument set to No.
- D. Re-create the password file with SYSBACKUP, SYSDG, and SYSKM privilege, and FORCE arguments set to Yes.
- E. Re-create the password file in the Oracle Database 12c format.

**Answer:** BD

**Explanation:** \* orapwd

/ You can create a database password file using the password file creation utility, ORAPWD. The syntax of the ORAPWD command is as follows:

```
orapwd FILE=filename [ENTRIES=numusers] [FORCE={y|n}] [ASM={y|n}] [DBUNIQUENAME=dbname] [FORMAT={12|legacy}] [SYSBACKUP={y|n}]
[SYSDG={y|n}] [SYSKM={y|n}] [DELETE={y|n}]
[INPUT_FILE=input-fname]
```

force - whether to overwrite existing file (optional), \* v\$PFILE\_users

/ 12c: V\$PFILE\_USERS lists all users in the password file, and indicates whether the user has been granted the SYSDBA, SYSOPER, SYSASM, SYSBACKUP, SYSDG, and SYSKM privileges.

/ 10c: sts users who have been granted SYSDBA and SYSOPER privileges as derived from the password file. ColumnDatatypeDescription

USERNAMEVARCHAR2(30)The name of the user that is contained in the password file

SYSDBAVARCHAR2(5)If TRUE, the user can connect with SYSDBA privileges SYSOPERVERCHAR2(5)If TRUE, the user can connect with SYSOPER privileges

Incorrect:

not E: The format of the v\$PFILE\_users file is already in 12c format.

#### NEW QUESTION 122

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

- A. All AWR tables belong to the SYSTEM schema.
- B. The AWR data is stored in memory and in the database.
- C. The snapshots collected by AWR are used by the self-tuning components in the database
- D. AWR computes time model statistics based on time usage for activities, which are displayed in the v\$SYS time model and V\$SESS\_TIME\_MODEL views.
- E. AWR contains system wide tracing and logging information.

**Answer:** BCD

#### NEW QUESTION 126

What is the result of executing a TRUNCATE TABLE command on a table that has Flashback Archiving enabled?

- A. It fails with the ORA-665610 Invalid DDL statement on history-tracked message
- B. The rows in the table are truncated without being archived.
- C. The rows in the table are archived, and then truncated.
- D. The rows in both the table and the archive are truncate

**Answer:** C

#### NEW QUESTION 129

You want to schedule a job to rebuild a table's indexes after a bulk insert, which must be scheduled as soon as a file containing data arrives on the system. What would you do to accomplish this?

- A. Create a file watcher and an event-based job for bulk insert and then create another job to rebuild indexes on the table.
- B. Create a file watcher for the bulk inserts and then create a job to rebuild indexes.
- C. Create a job array and add a job for bulk insert and a job to rebuild indexes to the job array.
- D. Create an event-based job for the file arrival event, then create a job for bulk insert, and then create a job to rebuild indexes.

**Answer:** A

#### NEW QUESTION 132

You plan to implement the distributed database system in your company. You invoke Database Configuration Assistant (DBCA) to create a database on the server. During the installation, DBCA prompts you to specify the Global Database Name.

What must this name be made up of?

- A. It must be made up of a database name and a domain name.
- B. It must be made up of the value in ORACLE\_SID and HOSTNAME.
- C. It must be made up of the value that you plan to assign for INSTANCE\_NAME and HOSTNAME.
- D. It must be made up of the value that you plan to assign for ORACLE\_SID and SERVICE\_NAMES.

**Answer:** A

**Explanation:** Using the DBCA to Create a Database (continued)

3. Database Identification: Enter the Global Database Name in The form database\_name.domain\_name, and the system identifier (SID). The SID defaults to the database name and uniquely identifies the instance associated with the database.

4. Management Options: Use this page to set up your database so that it can be managed with Oracle Enterprise Manager. Select the default: "Configure the Database with Enterprise Manager." Optionally, this page allows you to configure alert notifications and daily disk backup area settings.

Note: You must configure the listener before you can configure Enterprise Manager (as shown earlier).

#### NEW QUESTION 134

Examine the following commands for redefining a table with Virtual Private Database (VPD) policies:

```

BEGIN
  DBMS_RLS.ADD_POLICY (
    object_schema => 'hr',
    object_name   => 'employees',
    policy_name   => 'employees_policy',
    function_schema => 'hr',
    policy_function => 'auth_emp_dep_100',
    statement_types => 'select, insert, update, delete'
  );
END;

BEGIN
  DBMS_REDEFINITION.START_REDEF_TABLE (
    uname          => 'hr',
    orig_table     => 'employees',
    int_table      => 'int_employees',
    col_mapping    => NULL,
    options_flag   => DBMS_REDEFINITION.CONST_USE_PK,
    orderby_cols  => NULL,
    part_name      => NULL,
    copy_vpd_opt  => DBMS_REDEFINITION.CONST_VPD_AUTO);
END;

```

Which two statements are true about redefining the table? (Choose two.)

- A. All the triggers for the table are disabled without changing any of the column names or column types in the table.
- B. The primary key constraint on the EMPLOYEES table is disabled during redefinition.
- C. VPD policies are copied from the original table to the new table during online redefinition.
- D. You must copy the VPD policies manually from the original table to the new table during online redefinition.

**Answer:** BC

**Explanation:** C (not D): CONS\_VPD\_AUTO

Used to indicate to copy VPD policies automatically

\* DBMS\_RLS.ADD\_POLICY

/ The DBMS\_RLS package contains the fine-grained access control administrative interface, which is used to implement Virtual Private Database (VPD).DBMS\_RLS is available with the Enterprise Edition only.

Note:

\* CONS\_USE\_PK and CONS\_USE\_ROWID are constants used as input to the "options\_flag" parameter in both the START\_REDEF\_TABLE Procedure and CAN\_REDEF\_TABLE Procedure. CONS\_USE\_ROWID is used to indicate that the redefinition should be done using rowids while CONS\_USE\_PK implies that the redefinition should be done using primary keys or pseudo-primary keys (which are unique keys with all component columns having NOT NULL constraints).

\* DBMS\_REDEFINITION.START\_REDEF\_TABLE

To achieve online redefinition, incrementally maintainable local materialized views are used. These logs keep track of the changes to the master tables and are used by the materialized views during refresh synchronization.

\* START\_REDEF\_TABLE Procedure

Prior to calling this procedure, you must manually create an empty interim table (in the same schema as the table to be redefined) with the desired attributes of the post-redefinition table, and then call this procedure to initiate the redefinition.

**NEW QUESTION 135**

In your production database, data manipulation language (DML) operations are executed on the SALES table.

You have noticed some dubious values in the SALES table during the last few days. You are able to track users, actions taken, and the time of the action for this particular period but the changes in data are not tracked. You decide to keep track of both the old data and new data in the table long with the user information. What action would you take to achieve this task?

- A. Apply fine-grained auditing.
- B. Implement value-based auditing.
- C. Impose standard database auditing to audit object privileges.
- D. Impose standard database auditing to audit SQL statement

**Answer:** B

**NEW QUESTION 139**

Examine the parameters for your database instance:

NAME	TYPE	VALUE
optimizer_adaptive_reporting_only	boolean	FALSE
optimizer_capture_sql_plan_baselines	boolean	FALSE
optimizer_dynamic_sampling	integer	2
optimizer_features_enable	string	12.1.0.1

Which three statements are true about the process of automatic optimization by using cardinality feedback? (Choose three.)

- A. The optimizer automatically changes a plan during subsequent execution of a SQL statement if there is a huge difference in optimizer estimates and execution

statistics.

- B. The optimizer can CK optimize a query only once using cardinality feedback.
- C. The optimizer enables monitoring for cardinality feedback after the first execution of a query.
- D. The optimizer does not monitor cardinality feedback if dynamic sampling and multicolumn statistics are enabled.
- E. After the optimizer identifies a query as a re-optimization candidate, statistics collected by the collectors are submitted to the optimizer.

**Answer:** ACD

**Explanation:** C: During the first execution of a SQL statement, an execution plan is generated as usual.

D: if multi-column statistics are not present for the relevant combination of columns, the optimizer can fall back on cardinality feedback.

(not B)\* Cardinality feedback. This feature, enabled by default in 11.2, is intended to improve plans for repeated executions.

optimizer\_dynamic\_sampling optimizer\_features\_enable

\* dynamic sampling or multi-column statistics allow the optimizer to more accurately estimate selectivity of conjunctive

predicates. Note:

\* OPTIMIZER\_DYNAMIC\_SAMPLING controls the level of dynamic sampling performed by the optimizer. Range of values. 0 to 10

\* Cardinality feedback was introduced in Oracle Database 11gR2. The purpose of this feature is to automatically improve plans for queries that are executed repeatedly, for which the optimizer does not estimate cardinalities in the plan properly. The optimizer may misestimate cardinalities for a variety of reasons, such as missing or inaccurate statistics, or complex predicates. Whatever the reason for the misestimate, cardinality feedback may be able to help.

### NEW QUESTION 143

Oracle Grid Infrastructure for a stand-alone server is installed on your production host before installing the Oracle Database server. The database and listener are configured by using Oracle Restart.

Examine the following command and its output:

```
$ crsctl config has CRS-4622: Oracle High Availability Services auto start is enabled. What does this imply?
```

- A. When you start an instance on a high with SQL \*Plus dependent listeners and ASM disk groups are automatically started.
- B. When a database instance is started by using the SRVCTL utility and listener startup fails, the instance is still started.
- C. When a database is created by using SQL\* Plus, it is automatically added to the Oracle Restart configuration.
- D. When you create a database service by modifying the SERVICE\_NAMES initialization parameter, it is automatically added to the Oracle Restart configuration.

**Answer:** B

**Explanation:** About Startup Dependencies

Oracle Restart ensures that Oracle components are started in the proper order, in accordance with component dependencies. For example, if database files are stored in Oracle ASM disk groups, then before starting the database instance, Oracle Restart ensures that the Oracle ASM instance is started and the required disk groups are mounted. Likewise, if a component must be shut down, Oracle Restart ensures that dependent components are cleanly shut down first.

Oracle Restart also manages the weak dependency between database instances and the Oracle Net listener (the listener): When a database instance is started, Oracle Restart attempts to start the listener. If the listener startup fails, then the database is still started. If the listener later fails, Oracle Restart does not shut down and restart any database instances. [http://docs.oracle.com/cd/E16655\\_01/server.121/e17636/restart.htm#ADMIN12710](http://docs.oracle.com/cd/E16655_01/server.121/e17636/restart.htm#ADMIN12710)

### NEW QUESTION 147

You created an encrypted tablespace:

```
SQL> CREATE TABLESPACE securespace
      DATAFILE '/home/user/oradata/secure01.dbf'
      SIZE 150M
      ENCRYPTION USING '3DES168'
      DEFAULT STORAGE (ENCRYPT) ;
```

You then closed the encryption wallet because you were advised that this is secure.

Later in the day, you attempt to create the EMPLOYEES table in the SECURESPACE tablespace with the SALT option on the EMPLOYEE column.

Which is true about the result?

- A. It creates the table successfully but does not encrypt any inserted data in the EMPNAME column because the wallet must be opened to encrypt columns with SALT.
- B. It generates an error when creating the table because the wallet is closed.
- C. It creates the table successfully, and encrypts any inserted data in the EMPNAME column because the wallet needs to be open only for tablespace creation.
- D. It generates error when creating the table, because the salt option cannot be used with encrypted tablespaces.

**Answer:** B

### NEW QUESTION 149

Which three statements are true when the listener handles connection requests to an Oracle 12c database instance with multithreaded architecture enabled in UNIX? (Choose three.)

- A. Thread creation must be routed through a dispatcher process
- B. The local listener may spawn a new process and have that new process create a thread
- C. Each Oracle process runs an SCM thread.
- D. Each multithreaded Oracle process has an SCM thread.
- E. The local listener may pass the request to an existing process which in turn will create a thread

**Answer:** ADE

### NEW QUESTION 153

You execute this command:

```
SQL> CREATE TABLESPACE lmtbsb DATAFILE '/u02/oracle/data/lmtbsb01.dbf' SIZE 50M  
EXTENT MANAGEMENT LOCAL;
```

Which two statements are true about segment space management for segments in this tablespace? (Choose two.)

- A. Space utilization inside segments is mapped by bitmaps.
- B. Segments are automatically shrunk and compressed when rows are deleted.
- C. The PCTFREE storage parameter has no effect on segments created in this tablespace.
- D. The PCTUSED storage parameter has no effect on segments created in this tablespace.

**Answer:** AD

#### NEW QUESTION 157

Which three statements are true about SQL plan directives? (Choose three.)

- A. They are tied to a specific statement or SQL ID.
- B. They instruct the maintenance job to collect missing statistics or perform dynamic sampling to generate a more optimal plan.
- C. They are used to gather only missing statistics.
- D. They are created for a query expression where statistics are missing or the cardinality estimates by the optimizer are incorrect.
- E. They instruct the optimizer to create only column group statistics.
- F. Improve plan accuracy by persisting both compilation and execution statistics in the SYSAUX tablespace.

**Answer:** BDF

#### NEW QUESTION 162

You perform RMAN backups for your database and use a recovery catalog for managing the backups. To free space, you execute this command:

```
RMAN> DELETE OBSOLETE;
```

Which three statements are true in this scenario? (Choose three.)

- A. The backup sets marked as expired are deleted.
- B. The information related to the backups is removed from the recovery catalog and the control file.
- C. The physical files related to the backup need to be manually deleted.
- D. The physical files related to the backup are deleted automatically.
- E. The backups deleted are based on the backup retention policy.

**Answer:** BDE

#### NEW QUESTION 163

You are administering a database stored in Automatic Storage Management (ASM). You use RMAN to back up the database and the MD\_BACKUP command to back up the ASM metadata regularly. You lost an ASM disk group DG1 due to hardware failure.

In which three ways can you re-create the lost disk group and restore the data? (Choose three.)

- A. Use the MD\_RESTORE command to restore metadata for an existing disk group by passing the existing disk group name as an input parameter and use RMAN to restore the data.
- B. Use the MKDGM command to restore the disk group with the same configuration as the backed-up disk group and data on the disk group.
- C. Use the MD\_RESTORE command to restore the disk group with the changed disk group specification, failure group specification, name, and other attributes and use RMAN to restore the data.
- D. Use the MKDGM command to restore the disk group with the same configuration as the backed-up disk group name and same set of disks and failure group configuration, and use RMAN to restore the data.
- E. Use the MD\_RESTORE command to restore both the metadata and data for the failed disk group.
- F. Use the MKDGM command to add a new disk group DG1 with the same or different specifications for failure group and other attributes and use RMAN to restore the data.

**Answer:** ACF

**Explanation:** AC (not E):

The md\_restore command allows you to restore a disk group from the metadata created by the md\_backup command. md\_restore can't restore data, only metadata.

#### NEW QUESTION 167

You performed an incremental level 0 backup of a database: RMAN > BACKUP INCREMENTAL LEVEL 0 DATABASE;

To enable block change tracking after the incremental level 0 backup, you issued this command: SQL > ALTER DATABASE ENABLE BLOCK CHANGE TRACKING USING FILE

```
 '/mydir/rman_change_track.f';
```

To perform an incremental level 1 cumulative backup, you issued this command: RMAN> BACKUP INCREMENTAL LEVEL 1 CUMULATIVE DATABASE; Which three statements are true? (Choose three.)

- A. Backup change tracking will sometimes reduce I/O performed during cumulative incremental backups.
- B. The change tracking file must always be backed up when you perform a full database backup.
- C. Block change tracking will always reduce I/O performed during cumulative incremental backups.
- D. More than one database block may be read by an incremental backup for a change made to a single block.
- E. The incremental level 1 backup that immediately follows the enabling of block change tracking will not read the change tracking file to discover changed blocks.

**Answer:** ADE

#### NEW QUESTION 168

Your multitenant container (CDB) contains two pluggable databases (PDB), HR\_PDB and ACCOUNTS\_PDB, both of which use the CDB tablespace. The temp file is called temp01.tmp.

A user issues a query on a table on one of the PDBs and receives the following error: ERROR at line 1:  
ORA-01565: error in identifying file '/u01/app/oracle/oradata/CDB1/temp01.tmp' ORA-27037: unable to obtain file status  
Identify two ways to rectify the error.

- A. Add a new temp file to the temporary tablespace and drop the temp file that that produced the error.
- B. Shut down the database instance, restore the temp01.tmp file from the backup, and then restart the database.
- C. Take the temporary tablespace offline, recover the missing temp file by applying redo logs, and then bring the temporary tablespace online.
- D. Shutdown the database instance, restore and recover the temp file from the backup, and then open the database with RESETLOGS.
- E. Shut down the database instance and then restart the CDB and PDBs.

**Answer:** AE

**Explanation:** \* Because temp files cannot be backed up and because no redo is ever generated for them, RMAN never restores or recovers temp files. RMAN does track the names of temp files, but only so that it can automatically re-create them when needed.

\* If you use RMAN in a Data Guard environment, then RMAN transparently converts primary control files to standby control files and vice versa. RMAN automatically updates file names for data files, online redo logs, standby redo logs, and temp files when you issue RESTORE and RECOVER.

#### NEW QUESTION 171

You want to prevent a group of users in your database from performing long-running transactions that consume huge amounts of space in the undo tablespace. If the quota for these users is exceeded during execution of a data manipulation language (DML) statement, the operation should abort and return an error. However, queries should still be allowed, even if users have exceeded the undo space limitation. How would you achieve this?

- A. Specify the maximum amount of quota a user can be allocated in the undo tablespace.
- B. Decrease the number of Interested Transaction List (ITL) slots for the segments on which these users perform transactions.
- C. Implement a profile for these users.
- D. Implement a Database Resource Manager plan.

**Answer:** D

#### NEW QUESTION 172

What should you do to ensure that a job stores minimal job metadata and runtime data on disk, and uses only existing PL/SQL programs?

- A. Create an event-based job.
- B. Create a lightweight job.
- C. Specify the job as a member of a job class.
- D. Use a job array.

**Answer:** B

**Explanation:** References: [https://docs.oracle.com/cd/B28359\\_01/server.111/b28310/schedover004.htm#BGBJGHBH](https://docs.oracle.com/cd/B28359_01/server.111/b28310/schedover004.htm#BGBJGHBH)

#### NEW QUESTION 177

In your Database, the TBS PERCENT USED parameter is set to 60 and the TBS PERCENT FREE parameter is set to 20. Which two storage-tiering actions might be automated when using information Lifecycle Management (ILM) to automate data movement? (Choose two.)

- A. The movement of all segments to a target tablespace with a higher degree of compression, on a different storage tier, when the source tablespace exceeds TBS PERCENT USED
- B. Setting the target tablespace to read-only
- C. The movement of some segments to a target tablespace with a higher degree of compression, on a different storage tier, when the source tablespace exceeds TBS PERCENT USED
- D. Setting the target tablespace offline
- E. The movement of some blocks to a target tablespace with a lower degree of compression, on a different storage tier, when the source tablespace exceeds TBS PERCENT USED

**Answer:** BC

**Explanation:** The value for TBS\_PERCENT\_USED specifies the percentage of the tablespace quota when a tablespace is considered full. The value for TBS\_PERCENT\_FREE specifies the targeted free percentage for the tablespace. When the percentage of the tablespace quota reaches the value of TBS\_PERCENT\_USED, ADO begins to move data so that percent free of the tablespace quota approaches the value of TBS\_PERCENT\_FREE. This action by ADO is a best effort and not a guarantee.

#### NEW QUESTION 179

Which two statements are true about Oracle Data Pump export and import operations? (Choose two.)

- A. You can detach from a data pump export job and reattach later.
- B. Data pump uses parallel execution server processes to implement parallel import.
- C. Data pump import requires the import file to be in a directory owned by the oracle owner.
- D. The master table is the last object to be exported by the data pump.
- E. You can detach from a data pump import job and reattach later.

**Answer:** AB

**Explanation:** B: Data Pump can employ multiple worker processes, running in parallel, to increase job performance.

D: For export jobs, the master table records the location of database objects within a dump file set. / Export builds and maintains the master table for the duration of the job. At the end of an export job, the content of the master table is written to a file in the dump file set.  
 / For import jobs, the master table is loaded from the dump file set and is used to control the sequence of operations for locating objects that need to be imported into the target database.

**NEW QUESTION 183**

The DEFERRED\_SEGMENT\_CREATION parameter is set to TRUE in your database instance. You execute the following command to create a table:

```
SQL> CREATE TABLE acct1
      (ac_no NUMBER,
      ac_desc varchar2(25),
      amount number(10,2));
```

Which two statements are true? (Choose two.)

- A. The table is created without a segment because the storage clause is missing.
- B. A segment is allocated when the first row is inserted in the table.
- C. A segment is allocated when an index is created for any column in the table.
- D. The table is created and extents are immediately allocated as per the default storage defined for its tablespace.
- E. A segment is allocated for the table if the ALTER TABLE... ALLOCATE EXTENT command is issue

**Answer:** BE

**NEW QUESTION 185**

Examine the parameters for a database instance:

NAME	TYPE	VALUE
temp_undo_enabled	boolean	TRUE
undo_management	string	AUTO
undo_retention	integer	900
undo_tablespace	string	UNDOTBS1

Your database has three undo tablespaces and the default undo tablespace is not autoextensible. Resumable space allocation is not enabled for any sessions in the database instance.

What is the effect on new transactions when all undo space in the default undo tablespace is in use by active transactions?

- A. Transactions write their undo in the SYSTEM undo segment.
- B. Transactions fail.
- C. Transactions wait until space becomes available in UNDOTBS1.
- D. Transactions write their undo in a temporary tablespace.

**Answer:** B

**Explanation:** References [https://docs.oracle.com/cd/B19306\\_01/server.102/b14231/undo.htm](https://docs.oracle.com/cd/B19306_01/server.102/b14231/undo.htm) (undo retention)

**NEW QUESTION 188**

Which three statements are true about the working of system privileges in a multitenant control database (CDB) that has pluggable databases (PDBs)? (Choose three.)

- A. System privileges apply only to the PDB in which they are used.
- B. Local users cannot use local system privileges on the schema of a common user.
- C. The granter of system privileges must possess the set container privilege.
- D. Common users connected to a PDB can exercise privileges across other PDBs.
- E. System privileges with the with grant option container all clause must be granted to a common user before the common user can grant privileges to other users.

**Answer:** ACE

**Explanation:** A, Not D: In a CDB, PUBLIC is a common role. In a PDB, privileges granted locally to PUBLIC enable all local and common users to exercise these privileges in this PDB only.

C: A user can only perform common operations on a common role, for example, granting privileges commonly to the role, when the following criteria are met:  
 The user is a common user whose current container is root.

The user has the SET CONTAINER privilege granted commonly, which means that the privilege applies in all containers.

The user has privilege controlling the ability to perform the specified operation, and this privilege has been granted commonly

Incorrect: Note:

\* Every privilege and role granted to Oracle-supplied users and roles is granted commonly except for system privileges granted to PUBLIC, which are granted locally.

**NEW QUESTION 191**

Which three statements are true about the purpose of checkpoints? (Choose three.)

- A. They ensure that uncommitted transactions are rolled back in case of an instance failure.
- B. They ensure that all the dirty buffers are written to disk during a normal shutdown.
- C. They ensure that instance recovery starts in the event of an instance failure.
- D. They ensure that dirty buffers in the buffer cache are written to disk regularly.
- E. They reduce the time required for recovery in case of an instance failure.

**Answer:** BDE

**NEW QUESTION 194**

Your database is configured in ARCHIVELOG mode. Examine the RMAN configuration parameters:

```
CONFIGURE RETENTION POLICY TO REDUNDANCY 1; # default
CONFIGURE BACKUP OPTIMIZATION OFF; # default
CONFIGURE CONTROLFILE AUTOBACKUP OFF; # default
CONFIGURE DEVICE TYPE DISK PARALLELISM 1 BACKUP TYPE TO BACKUPSET;
CONFIGURE ARCHIVELOG BACKUP COPIES FOR DEVICE TYPE DISK TO 1; # default
```

Examine the command:

```
RMAN> BACKUP DATABASE PLUS ARCHIVELOG DELETE INPUT;
```

What is the outcome?

- A. It fails because the DELETE INPUT option can be used only with the BACKUP AS BACKUPSET command.
- B. It executes successfully and creates a backup set of the database along with archived log files and then deletes the original archived log files.
- C. It executes successfully and creates an image copy of the database along with archive log files and then deletes the original archived log files.
- D. It fails because the DELETE INPUT option can be used only with the BACKUP AS COPY command.

**Answer:** B

**Explanation:** References: [https://docs.oracle.com/cd/B13789\\_01/server.101/b10734/rcmbackp.htm](https://docs.oracle.com/cd/B13789_01/server.101/b10734/rcmbackp.htm)

**NEW QUESTION 197**

You have just completed a manual upgrade of an Oracle 11g Database to Oracle Database 12c.

The Post-Upgrade Status Tool reports an INVALID status for some of the components after the upgrade. What must you do first in this situation to attempt to fix this problem?

- A. Run catupgst.sql to perform revalidation actions
- B. Run utluiobj.sql to filter out objects that were invalidated by the upgrade process.
- C. Run preupgrd.sql and then execute the generated "fix-up" scripts to resolve status issues.
- D. Run utlrp.sql to recompile stored PL/SQL and Java code and check the DBA\_REGISTRY view

**Answer:** D

**NEW QUESTION 201**

You enabled an audit policy by issuing the following statements:

```
SQL> AUDIT POLICY ORA_DATABASE_PARAMETER BY SCOTT;
```

```
SQL> AUDIT POLICY ORA_DATABASE_PARAMETER BY SYS, SYSTEM;
```

For which database users and for which executions is the audit policy now active? Select two.

- A. SYS, SYSTEM
- B. SCOTT
- C. Only for successful executions
- D. Only for failed executions
- E. Both successful and failed executions

**Answer:** AE

**Explanation:** \* The ORA\_DATABASE\_PARAMETER policy audits commonly used Oracle Database parameter settings. By default, this policy is not enabled.

**NEW QUESTION 205**

Which two statements are true about the (PMON) background process in Oracle Database 12c? (Choose two.)

- A. It records checkpoint information in the control file.
- B. It frees unused temporary segments.
- C. It kills sessions that exceed idle time.
- D. It registers database services with all local and remote listeners known to the database instance.
- E. It frees resources held by abnormally terminated processes.

**Answer:** DE

**Explanation:** References: <https://docs.oracle.com/database/122/CNCPT/process-architecture.htm#CNCPT9840>

**NEW QUESTION 208**

Which two statements are true about standard database auditing? (Choose two.)

- A. DDL statements can be audited.
- B. Statements that refer to standalone procedure can be audited.
- C. Operations by the users logged on as SYSDBA cannot be audited.
- D. Only one audit record is ever created for a session per audited statement even though it is executed more than once.

**Answer:** AB

#### NEW QUESTION 211

Which three statements are true about Flashback Database? (Choose three.)

- A. Flashback logs are written sequentially, and are archived.
- B. Flashback Database uses a restored control file to recover a database.
- C. The Oracle database automatically creates, deletes, and resides flashback logs in the Fast Recovery Area.
- D. Flashback Database can recover a database to the state that it was in before a reset logs operation.
- E. Flashback Database can recover a data file that was dropped during the span of time of the flashback.
- F. Flashback logs are used to restore to the blocks' before images, and then the redo data may be used to roll forward to the desired flashback time.

**Answer:** CDF

#### NEW QUESTION 212

The persistent configuration settings for RMAN have default for all parameters. Identify four RMAN commands that produce a multi-section backup.

- A. BACKUP TABLESPACE SYSTEM SECTION SIZE 100M;
- B. BACKUP AS COPY TABLESPACE SYSTEM SECTION SIZE 100M;
- C. BACKUP ARCHIVELOG ALL SECTION SIZE 25M;
- D. BACKUP TABLESPACE "TEMP" SECTION SIZE 10M;
- E. BACKUP TABLESPACE "UNDO" INCLUDE CURRENT CONTROLFILE SECTION SIZE 100M;
- F. BACKUP SPFILE SECTION SIZE 1M;
- G. BACKUP INCREMENTAL LEVEL 0 TABLESPACE SYSAUX SECTION SIZE 100M;

**Answer:** ABEG

#### NEW QUESTION 213

Your database has the SRV1 service configured for an application that runs on middle-tier application server. The application has multiple modules. You enable tracing at the service level by executing the following command: SQL > exec DBMS\_MONITOR.SERV\_MOD\_ACT\_TRACE\_ENABLE ('SRV1');

The possible outcome and actions to aggregate the trace files are as follows:

1. The command fails because a module name is not specified.
2. A trace file is created for each session that is running the SRV1 service.
3. An aggregated trace file is created for all the sessions that are running the SRV1 service.
4. The trace files may be aggregated by using the trcess utility.
5. The trace files be aggregated by using the tkprof utility.

Identify the correct outcome and the step to aggregate by using tkprof utility?

- A. 1
- B. 2 and 4
- C. 2 and 5
- D. 3 and 4
- E. 3 and 5

**Answer:** B

**Explanation:** Tracing information is present in multiple trace files and you must use the trcess tool to collect it into a single file. Incorrect:

Not 1: Parameter service\_name

Name of the service for which tracing is enabled. module\_name

Name of the MODULE. An optional additional qualifier for the service. Note:

\* The procedure enables a trace for a given combination of Service, MODULE and ACTION name. The specification is strictly hierarchical: Service Name or Service Name/MODULE, or Service Name, MODULE, and ACTION name must be specified. Omitting a qualifier behaves like a wild-card, so that not specifying an ACTION means all ACTIONS. Using the ALL\_ACTIONS constant achieves the same purpose.

\* SERV\_MOD\_ACT\_TRACE\_ENABLE Procedure

This procedure will enable SQL tracing for a given combination of Service Name, MODULE and ACTION globally unless an instance\_name is specified.

\* DBMS\_MONITOR.SERV\_MOD\_ACT\_TRACE\_ENABLE( service\_name IN VARCHAR2,  
 module\_name IN VARCHAR2 DEFAULT ANY\_MODULE, action\_name IN VARCHAR2 DEFAULT ANY\_ACTION, waits IN BOOLEAN DEFAULT TRUE,  
 binds IN BOOLEAN DEFAULT FALSE,  
 instance\_name IN VARCHAR2 DEFAULT NULL);

#### NEW QUESTION 214

You want to reduce fragmentation and reclaim unused space for the SALES table but not its dependent objects. During this operation, you want to ensure the following:

- A. Long-running queries are not affected.i
- B. No extra space is used.ii
- C. Data manipulation language (DML) operations on the table succeed at all times throughout the process.i
- D. Unused space is reclaimed both above and below the high water mark
- E. Which ALTER TABLE option would you recommend?
- F. DEALLOCATE UNUSED
- G. SHRINK SPACE CASCADE
- H. SHRINK SPACE COMPACT
- I. ROW STORE COMPRESS BASIC

Answer: C

Explanation: References: [https://docs.oracle.com/cd/B28359\\_01/server.111/b28310/schema003.htm](https://docs.oracle.com/cd/B28359_01/server.111/b28310/schema003.htm)

**NEW QUESTION 216**

Which three statements are true about Oracle Data Pump? (Choose three.)

- A. IMPDP can be used to change target data file names, schemas, and tablespaces during import.
- B. The DBMS\_DATAPUMP PL/SQL package can be used independently of Data Pump clients to perform export and import operations.
- C. EXPDP and IMPDP are the client components of Oracle Data Pump.
- D. Oracle Data Pump export and import operations can be performed only by users with the SYSDBA privilege.
- E. IMPDP always use the conventional path insert method to import data.

Answer: ABC

Explanation: References: [https://docs.oracle.com/cd/E11882\\_01/server.112/e22490/dp\\_overview.htm#SUTIL2880](https://docs.oracle.com/cd/E11882_01/server.112/e22490/dp_overview.htm#SUTIL2880)

**NEW QUESTION 217**

Examine the details of the Top 5 Timed Events in the following Automatic Workloads Repository (AWR) report:

Event	Waits	Time(s)	Avg wait (ms)	% DB time	Wait Class
DB CPU		67		98.21	
db file sequentialread	8.371	0	0	0.52	User I/O
latch row cache objects	16	0	8	0.19	Concurrency
latch shared pool	956	0	0	0.15	Concurrency
log file sync	25	0	2	0.06	Commit

What are three possible causes for the latch-related wait events?

- A. The size of the shared pool is too small.
- B. Cursors are not being shared.
- C. A large number COMMITS are being performed.
- D. There are frequent logons and logoffs.
- E. The buffers are being read into the buffer cache, but some other session is changing the buffer

Answer: ABD

**NEW QUESTION 221**

A database is stored in an Automatic Storage Management (ASM) disk group, disk group, DGROUP1 with SQL:

```
SQL> CREATE DISKGROUP dgroup1 NORMAL REDUNDANCY
      FAILGROUP controller1 DISK '/devices/diska1', '/devices/diska2'
      FAILGROUP controller2 DISK '/devices/diskb1', '/devices/diskb2';
```

There is enough free space in the disk group for mirroring to be done.

What happens if the CONTROLLER1 failure group becomes unavailable due to error or for maintenance?

- A. Transactions and queries accessing database objects contained in any tablespace stored in DGROUP1 will fail.
- B. Mirroring of allocation units will be done to ASM disks in the CONTROLLER2 failure group until the CONTROLLER1 for failure group is brought back online.
- C. The data in the CONTROLLER1 failure group is copied to the controller2 failure group and rebalancing is initiated.
- D. ASM does not mirror any data until the controller failure group is brought back online, and newly allocated primary allocation units (AU) are stored in the controller2 failure group, without mirroring.
- E. Transactions accessing database objects contained in any tablespace stored in DGROUP1 will fail but queries will succeed.

Answer: D

**NEW QUESTION 226**

What can be automatically implemented after the SQL Tuning Advisor is run as part of the Automated Maintenance Task?

- A. statistics recommendations
- B. SQL profile recommendations
- C. SQL statement restructure recommendations
- D. creation of materialized views to improve query performance

Answer: B

**NEW QUESTION 228**

A database instance is started by using an SPFILE. The database is configured in ARCHIVELOG mode and the control file autobackup is configured. Daily full database backups are performed by using RMAN.

You lost all control files due to media failure.

Given the steps to recover from the error in random order:

1. Shut down the instance, if it is not already down.
2. Restore the control file from autobackup to a new location.
3. Start the database instance to NOMOUNT state.
4. Recover the database to the point of failure of the control file.
5. Open the database with the RESETLOGS option.
6. Mount the database.
7. Update the SPFILE with the new location of the control file by using the ALTER SYSTEM command. Identify the correct sequence of the required steps.

- A. 1, 3, 2, 6, 7, 4, 5
- B. 1, 3, 7, 2, 6, 4, 5
- C. 1, 3, 2, 4, 5
- D. 1, 2, 6, 4, 5
- E. 1, 6, 2, 4, 5

**Answer:** A

#### NEW QUESTION 231

You create a table with the PERIODFOR clause to enable the use of the Temporal Validity feature of Oracle Database 12c. Examine the table definition:

```
create table employees
(empno number, salary number,
deptid number, name varchar2(100),
period for employee_time);
```

Which three statements are true concerning the use of the Valid Time Temporal feature for the EMPLOYEES table? (Choose three.)

- A. The valid time columns employee\_time\_start and employee\_time\_end are automatically created.
- B. The same statement may filter on both transaction time and valid temporal time by using the AS OF TIMESTAMP and PERIODFOR clauses.
- C. The valid time columns are not populated by the Oracle Server automatically.
- D. The valid time columns are visible by default when the table is described.
- E. Setting the session valid time using DBMS\_FLASHBACK\_ARCHIVE.ENABLE\_AT\_VALID\_TIME sets the visibility for data manipulation language (DML), data definition language (DDL), and queries performed by the session.

**Answer:** ABC

#### NEW QUESTION 233

You Execute the Following command to create a password file in the database server: \$ orapwd file = '+DATA/PROD/orapwprod entries = 5 ignorecase = N format = 12' Which two statements are true about the password file? (Choose two.)

- A. It records the usernames and passwords of users when granted the DBA role.
- B. It contains the usernames and passwords of users for whom auditing is enabled.
- C. Is used by Oracle to authenticate users for remote database administration.
- D. It records the usernames and passwords of all users when they are added to the OSDBA or OSOPER operating system groups.
- E. It supports the SYSBACKUP, SYSDG, and SYSKM system privilege

**Answer:** CE

#### NEW QUESTION 236

Which three statements are true about the Pre-Upgrade Information Tool? (Choose three.)

- A. It generates a script to recompile invalid objects post-upgrade.
- B. The preupgrade\_fixups.sql script is created to list and describe issues in the source database.
- C. A log file, preupgrade.log, is created that contains the output of the Pre-Upgrade Information tool.
- D. It checks for required tablespaces and if they are not available, creates them automatically.
- E. The preupgrade\_fixups.sql script is executed automatically to fix issues in the source database.
- F. The postupgrade\_fixups.sql script is created to address issues that can be fixed after a database has been upgraded.

**Answer:** ACE

**Explanation:** References <https://docs.oracle.com/database/122/UPGRD/using-preupgrade-information-tool-for-oracle-database.htm#UPG>

#### NEW QUESTION 240

Which three statements are true about space usage alerts? (Choose three.)

- A. Alerts are issued only when the critical threshold for space available in a tablespace is breached.
- B. The sum of active extents and allocated user quotas is considered to compute space usage for an undo tablespace.
- C. Database alerts can provide warnings about low space availability at both tablespace and segment levels.
- D. Alerts are not issued for locally managed tablespaces that are offline or in read-only mode.
- E. A newly created locally managed tablespace is automatically assigned the default threshold values defined for a database.

**Answer:** ADE

**Explanation:** References: [https://docs.oracle.com/cd/B28359\\_01/server.111/b28310/schema001.htm#ADMIN10120](https://docs.oracle.com/cd/B28359_01/server.111/b28310/schema001.htm#ADMIN10120)

#### NEW QUESTION 244

Which three activities are supported by the Data Recovery Advisor? (Choose three.)

- A. Advising on block checksum failures
- B. Advising on inaccessible control files
- C. Advising on inaccessible block change tracking files
- D. Advising on empty password files
- E. Advising on invalid block header field values

**Answer:** ABE

**Explanation:** \* Data Recovery Advisor can diagnose failures such as the following:

/ (B) Components such as datafiles and control files that are not accessible because they do not exist, do not have the correct access permissions, have been taken offline, and so on

/ (A, E) Physical corruptions such as block checksum failures and invalid block header field values

/ Inconsistencies such as a datafile that is older than other database files

/ I/O failures such as hardware errors, operating system driver failures, and exceeding operating system resource limits (for example, the number of open files)

\* The Data Recovery Advisor automatically diagnoses corruption or loss of persistent data on disk, determines the appropriate repair options, and executes repairs at the user's request. This reduces the complexity of recovery process, thereby reducing the Mean Time To Recover (MTTR).

#### NEW QUESTION 249

Identify two situations in which the alert log file is updated.

- A. Running a query on a table returns ORA-600: Internal Error.
- B. Inserting a value into a table returns ORA-01722: invalid number.
- C. Creating a table returns ORA-00955: name us already in used by an existing objects.
- D. Inserting a value into a table returns ORA-00001: unique constraint (SYS.OK\_TECHP) violated.
- E. Rebuilding an index using ALTER INDEX . . . REBUILD fails with an ORA-01578: ORACLE data block corrupted (file # 14, block # 50) error.

**Answer:** AE

**Explanation:** The alert log is a chronological log of messages and errors, and includes the following items:

\* All internal errors (ORA-600), block corruption errors (ORA-1578), and deadlock errors (ORA-60) that occur

\* Administrative operations, such as CREATE, ALTER, and DROP statements and STARTUP, SHUTDOWN, and ARCHIVELOG statements

\* Messages and errors relating to the functions of shared server and dispatcher processes

\* Errors occurring during the automatic refresh of a materialized view

\* The values of all initialization parameters that had nondefault values at the time the database and instance start Note:

\* The alert log file (also referred to as the ALERT.LOG) is a chronological log of messages and errors written out by an Oracle Database. Typical messages found in this file is: database startup, shutdown, log switches, space errors, etc. This file should constantly be monitored to detect unexpected messages and corruptions.

#### NEW QUESTION 250

Your multitenant container database has three pluggable databases (PDBs): PDB1, PDB2, and PDB3. Which two RMAN commands may be; used to back up only the PDB1 pluggable database? (Choose two.)

- A. BACKUP PLUGGABLE DATABASE PDB1 while connected to the root container
- B. BACKUP PLUGGABLE DATABASE PDB1 while connected to the PDB1 container
- C. BACKUP DATABASE while connected to the PDB1 container
- D. BACKUP DATABASE while connected to the boot container
- E. BACKUP PLUGGABLE database PDB1 while connected to PDB2

**Answer:** AC

**Explanation:** To perform operations on a single PDB, you can connect as target either to the root or directly to the PDB.

\* (A) If you connect to the root, you must use the PLUGGABLE DATABASE syntax in your RMAN commands. For example, to back up a PDB, you use the BACKUP PLUGGABLE DATABASE command.

\* (C) If instead you connect directly to a PDB, you can use the same commands that you would use when connecting to a non-CDB. For example, to back up a PDB, you would use the BACKUP DATABASE command.

#### NEW QUESTION 253

Which three statements are true about Oracle Restart? (Choose three.)

- A. It can be configured to automatically attempt to restart various components after a hardware or software failure.
- B. While starting any components, it automatically attempts to start all dependencies first and in proper order.
- C. It can be configured to automatically restart a database in case of normal shutdown of the database instance.
- D. It can be used to only start Oracle components.
- E. It runs periodic check operations to monitor the health of Oracle component

**Answer:** BDE

#### NEW QUESTION 258

You enabled block change tracking for faster incremental backups in your database. Which background process writes to the change tracking file?

- A. RBAL
- B. CKPT
- C. SMON
- D. PMON
- E. MMON
- F. CTWR
- G. DBWR

**Answer:** F

#### NEW QUESTION 261

Identify two prerequisites for configuring Enterprise Manager Database Express (EM Express).

- A. Grant the APEX\_PUBLIC\_USER role to the SYSMAN user.
- B. Use the DBMS\_XDB\_CONFIG.SETHTTPPORT procedure to configure a port number for Oracle HTTP Server.
- C. Install Oracle HTTP Server.
- D. Configure at least one dispatcher for the TCP/IP protocol.
- E. Create a SYSMAN user with the SYSDBA privilege as an administrator for EM Express

**Answer:** BD

#### NEW QUESTION 264

You want to create a database and you have the following:

- Oracle Grid Infrastructure is installed and configured.
- Oracle Database Vault is installed in ORACLE\_HOME to be used for this database.
- Oracle Enterprise Manager Cloud Control is available and an agent is deployed on the database server. Examine the requirements:
  1. configuring the database instance to support shared server mode
  2. using Automatic Storage Management (ASM) for storing database files.
  3. configuring a naming method to help a remote user connect to a database instance
  4. configuring the Fast Recovery Area
  5. configuring Database Vault
  6. configuring Enterprise Manager (EM) Database Express
  7. registering with EM Cloud Control
  8. configuring remote log archive destinations
  9. enabling daily incremental backups
  10. configuring a nondefault block size for nondefault block size tablespaces

Which of these requirements can be met while creating a database by using the Database Configuration Assistant (DBCA)?

- A. 1, 2, 4, 5, 7, 8, 9 and 10
- B. 1, 2, 4, 5, 6 and 7
- C. 1, 2, 3, 8, 9 and 10
- D. 1, 2, 3, 4, 6, 8, 9 and 10
- E. 1, 2, 4, 5, 6, 7 and 8

**Answer:** D

#### NEW QUESTION 267

Which three statements are true about server-generated alerts? (Choose three.)

- A. Server-generated alerts notify administrators of problems that cannot be resolved automatically.
- B. Alerts are not issued for locally managed read-only tablespaces.
- C. Response actions cannot be specified for server-generated alerts.
- D. Stateful alerts can be queried only from the DBA\_ALERT\_HISTORY view.
- E. When an alert is cleared, it is moved to the DBA\_ALERT\_HISTORY view.

**Answer:** ABE

**Explanation:** References [https://docs.oracle.com/cd/B28359\\_01/server.111/b28310/schema001.htm#ADMIN10120](https://docs.oracle.com/cd/B28359_01/server.111/b28310/schema001.htm#ADMIN10120)

#### NEW QUESTION 272

Which three functions can be performed by the SQL Tuning Advisor? (Choose three.)

- A. recommending creation of indexes based on SQL workload
- B. recommending restructuring of SQL statements that have suboptimal plans
- C. checking schema objects for missing and state statistics
- D. recommending optimization of materialized views
- E. generating SQL profiles

**Answer:** BCE

#### NEW QUESTION 273

Examine the following steps:

ADBA grants the CREATE TABLE system privilege with ADMIN OPTION to the user SIDNEY. SIDNEY grants the CREATE TABLE system privilege to the HR user.

Which statement is true?

- A. SIDNEY can revoke the CREATE TABLE system privilege only from HR, to whom he granted it.
- B. HR can grant the CREATE TABLE system privilege to other users.
- C. Neither SIDNEY nor HR can create new tables if the DBA revokes the CREATE TABLE privilege from SIDNEY.
- D. HR still retains the CREATE TABLE system privilege if the DBA revokes the CREATE TABLE privilege from SIDNEY.

**Answer:** D

**Explanation:** References:  
[http://www.dba-oracle.com/t\\_with\\_grant\\_admin\\_privileges.htm](http://www.dba-oracle.com/t_with_grant_admin_privileges.htm)

#### NEW QUESTION 278

The performance of your database degrades between 11:00 AM and 3:00 PM. Automatic Workload Repository (AWR) snapshots are collected on an hourly basis. What is the most efficient way of diagnosing this problem?

- A. Create a custom ADDM task for the period defined by the snapshots taken between 11:00 AM and 3:00 PM.
- B. Analyze the latest Automatic Database Diagnostic Monitor (ADDM) report.
- C. Analyze the hourly ADDM reports generated between 11:00 AM and 3:00 PM.
- D. Create a SQL Tuning Set (STS) for the currently cached SQL statements in the shared pool and run SQL Performance Analyzer (SPA) to generate recommendations.

**Answer:** A

#### NEW QUESTION 279

A database uses Automatic Storage Management (ASM) as database storage, which has a diskgroup, DATA1, which is created as follows:

```
SQL> CREATE DISKGROUP data1 NORMAL REDUNDANCY
      FAILGROUP failgrp1 DISK '/dev/sda1', '/dev/sda2'
      FAILGROUP failgrp2 DISK '/dev/sda3', '/dev/sda4';
```

What happens when the FAILGRP1 failure group is corrupted?

- A. Mirroring of allocation units occurs within the FAILGRP2 failure group.
- B. Transactions that are using the diskgroup fail.
- C. ASM does not mirror any data and newly allocated primary allocation units (AU) are stored in the FAILGRP2 failure group.
- D. Data in the FAILGRP1 failure group is moved to the FAILGRP2 failure group and rebalancing is started.

**Answer:** D

#### NEW QUESTION 282

The HR user owns the BONUSSES table. HR grants privileges to the user TOM by using the command: SQL> GRANT SELECT ON bonuses TO tom WITH GRANT OPTION;  
 TOM then executes this command to grant privileges to the user JIM: SQL> GRANT SELET ON hr.bonuses TO jim; Which statement is true?

- A. TOM cannot revoke the SELECT ON HR.BONUSSES privilege from JIM.
- B. HR can revoke the SELECT ON HR.BONUSSES privilege from JIM.
- C. JIM can grant the SELECT ON HR.BONUSSES privilege to other users, but cannot revoke the privilege from them.
- D. HR can revoke the SELECT ON HR.BONUSSES privilege from TOM, which will automatically revoke the SELECT ON HR.BONUSSES privilege from JIM.

**Answer:** D

#### NEW QUESTION 287

What must you use to read data from a table in your database and write it to an external table?

- A. Use SQL\* LOADER conventional path load.
- B. Use SQL\* LOADER direct path load.
- C. Use CREATE TABLE
- D. . ORGANIZATION EXTERNAL command with ORACLE\_LOADER access driver.
- E. Use CREATE TABLE
- F. . ORGANIZATION EXTERNAL command with ORACLE\_DATAPUMP access driver

**Answer:** D

#### NEW QUESTION 288

You create an Oracle 12c database and then import schemas that are required by an application which has not yet been developed. You want to get advice on creation of or modifications to indexes, materialized views and partitioning in these schemas. What must you run to achieve this?

- A. SQL Access Advisor with a SQL tuning set
- B. Automatic Database Diagnostic Monitor (ADDM) report
- C. SQL Tuning Advisor
- D. SQL Access Advisor with a hypothetical workload
- E. SQL Performance Analyzer

**Answer:** D

#### NEW QUESTION 293

Which two services may you see on the My Service Dashboard page? (Choose two.)

- A. Network Cloud Service
- B. User Cloud Service
- C. Compute Cloud Service
- D. Database Cloud Service

**Answer:** CD

#### NEW QUESTION 294

What is a requirement for creating a remote database scheduler job?

- A. The remote database job must run as a user that is valid on the target remote database.
- B. A private database link must be created from the originating database to the target remote database.
- C. The target remote database on which the job is scheduled must be Oracle Database 11g Release 2 or later.
- D. The target remote database must be on a different host from the originating scheduler database host.

**Answer:** A

#### NEW QUESTION 298

In your database, archive logging and control file autobackup are enabled.

The data files and redo log files are intact but control files are impacted due to media failure. In which two recovery scenarios must you use the RESETLOGS option? (Choose two.)

- A. One control file copy is intact so the spfile is changed to refer to only one copy.
- B. One control file copy is intact and damaged control file copies have to be restored to the default location.
- C. All copies of the control file are damaged and the CREATE CONTROLFILE statement is executed manually.
- D. All copies of the control file are damaged and the auto backed up control file is used for recovery.
- E. One control file copy is intact and damaged control file copies have to be restored to a non-default location.

**Answer:** CD

#### NEW QUESTION 302

Which two statements are true about Oracle network connections? (Choose two.)

- A. A listener may listen on behalf of only one database instance at a time.
- B. A server process checks a user's authentication credentials and creates a session if the credentials are valid.
- C. The listener continuously monitors a connection after the user process connects to a service handler.
- D. The listener always spawns a new server process to deal with each new connection.
- E. A connection request from a client is always first received by a listener running on the port that is used for the connection request for the database server.

**Answer:** BE

#### NEW QUESTION 304

Which three statements are true about naming methods? (Choose three.)

- A. Local naming supports multiple protocols, but for any one connection, the client and server must use the same protocol.
- B. In the Easy Connect method, clients can connect to a database server by using the host name of the database with an optional port and service name.
- C. In the Easy Connect method, the listener port and IP address must be provided for the connection to be successful.
- D. The local naming method does not support connect-time failover and load-balancing options.
- E. The directory naming method supports connect-time failover and load-balancing option.

**Answer:** ABE

#### NEW QUESTION 306

Which three statements are true about windows? (Choose three.)

- A. Only one window can be open at any given time.
- B. Consumer groups are associated with windows.
- C. Windows work with job classes to control resource allocation.
- D. The database service name must be provided during windows creation.
- E. Windows can automatically start job or change resource allocation among jobs for various time periods.

**Answer:** ACE

#### NEW QUESTION 310

Automatic Shared Memory Management is enabled for your database instance. You notice that there are SQL statements performing poorly because of repeated parsing activity.

Which action generates recommendations to overcome the performance issues?

- A. running the Memory Advisor for the buffer cache
- B. running the Memory Advisor for the library cache
- C. running the Memory Advisor for the SGA
- D. running the Memory Advisor for the PGA

**Answer:**

B

#### NEW QUESTION 311

Which three statements are true about Enterprise Manager Database Express? (Choose three.)

- A. It can be used to perform database backup operations.
- B. It can use the HTTP protocol.
- C. The same port number is used for multiple Database Express configurations on the same host.
- D. It can use the HTTPS protocol.
- E. It is available only when the database is open.

**Answer:** BDE

#### NEW QUESTION 313

Which two statements are true about using SQL\*Loader? (Choose two.)

- A. It can load data from external files by using the direct path only.
- B. It can load data into multiple tables using the same load statement.
- C. It can load data into only one table at a time.
- D. It can generate unique sequential key values in specified columns.
- E. It can load data from external files by using the conventional path only.

**Answer:** AC

#### NEW QUESTION 316

Which three file types are stored in the Fast Recovery Area by default in a traditional nonOMF file system? (Choose three.)

- A. online redo log files
- B. parameter file
- C. multiplexed copies of the current control file
- D. archived log files
- E. Flashback Data Archive files
- F. Flashback logs

**Answer:** ADF

#### NEW QUESTION 318

You want to load data from a large file into your database without causing an overhead on the SGA. Which tool would you use.

- A. external table
- B. Oracle data Pump
- C. SQL\*Loader with a direct data path
- D. SQL\*Loader with a conventional data path
- E. Enterprise Manager Database Express

**Answer:** C

**Explanation:** References: [https://docs.oracle.com/cd/B19306\\_01/server.102/b14215/ldr\\_modes.htm#i1007501](https://docs.oracle.com/cd/B19306_01/server.102/b14215/ldr_modes.htm#i1007501)

#### NEW QUESTION 323

Examine the following command:

SQL> DBMS\_STATS.SET\_TABLE\_PREFS ('SH', 'CUSTOMERS', 'PUBLISH', 'false'); What is the effect of executing this command?

- A. Existing statistics for the CUSTOMERS table become unusable for the query optimizer.
- B. Automatic statistics collection is stopped for the CUSTOMERS table.
- C. Statistics for the CUSTOMERS table are locked and cannot be overwritten.
- D. Statistics subsequently gathered on the CUSTOMERS table are stored as pending statistics.

**Answer:** D

#### NEW QUESTION 326

Which four operations performed after the Oracle Restart installation are automatically added to the Oracle Restart configuration? (Choose four.)

- A. listener configured by using NETCA
- B. database service created by using SRVCTL
- C. database created by using a SQL statement
- D. database created by using DBCA
- E. ASM instance created by using ASMCA
- F. database service created by using DBMS\_SERVICE.CREATE\_SERVICE
- G. database service created by modifying the SERVICE\_NAMES initialization parameter

**Answer:** ABDE

**Explanation:** References: [https://docs.oracle.com/cd/E18283\\_01/server.112/e17120/restart002.htm#insertedID3](https://docs.oracle.com/cd/E18283_01/server.112/e17120/restart002.htm#insertedID3)

**NEW QUESTION 331**

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