

**1Z0-043**

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**Oracle Database 10g: Administration  
II**

**Version 3.1**

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## QUESTION NO: 1

You observe that a database performance has degraded over a period of time. While investigating the reason, you find that the size of the database buffer cache is not large enough to cache all the needed data blocks. Which advisory component would you refer to, in order to determine that required size of the database buffer cache?

- A. Memory Advisor
- B. Segment Advisor
- C. SQL Tuning Advisor
- D. SQL Access Advisor
- E. Automatic Database Diagnostic Monitor (ADDM)

**Answer: A**

## QUESTION NO: 2

Exhibit

```
SQL> SELECT event, total_waits, time_waited, time_waited_micro
2 FROM v$system_event
3 WHERE event like '%log file%';
```

EVENT	TOTAL_WAITS	TIME_WAITED	TIME_WAITED_MICRO
log file sequential read	4	1	6229
log file single write	4	0	1192
log file parallel write	1113	378	2734803
log file bytes	475	176	1762957

```
SQL> SELECT group#, member FROM v$logfile;
```

GROUP#	MEMBER
1	/u01/app/oracle/oradata/orcl/redo01a.log
1	/u01/app/oracle/oradata/orcl/redo01b.log
2	/u01/app/oracle/oradata/orcl/redo02a.log
2	/u01/app/oracle/oradata/orcl/redo02b.log
3	/u01/app/oracle/oradata/orcl/redo03a.log
3	/u01/app/oracle/oradata/orcl/redo03b.log

```
SQL> SELECT group#, bytes, members FROM v$log;
```

GROUP#	BYTES	MEMBERS
1	10485760	2
2	10485760	2
3	10485760	2

In your production database, the total waits and the time waited for log file parallel write are significantly high. While investigating the reason, you find that there are three redo log groups with two members in each group, and all redo log members are places on a single physical disk. What action would you take to minimize the waits?

- A. start the log writer slave processes

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- B. increase the number of redo log files
- C. increase the size of the redo log buffer
- D. place the redo log files on the different disks
- E. increase the number of log writer processes

**Answer: D**

### QUESTION NO: 3

One of the tablespaces is read-only in your database. The loss of all control files forced you to re-create the control file. Which operation do you need to perform after re-creating the control file and opening the database?

- A. drop and re-create the read-only tablespaces
- B. rename the read-only data files to their correct file names
- C. change the tablespace status from read/write to read-only
- D. re-create the read-only tablespace because it is automatically removed

**Answer: B**

### QUESTION NO: 4

You have set some of the initialization parameters as:

DB\_BLOCK\_SIZE = 8KB

SGA\_MAX\_SIZE = 2GB

SGA\_TARGET = 0

SHARED\_POOL\_SIZE = 120MB

DB\_CACHE\_SIZE = 896MB

STREAM\_POOL\_SIZE = 0

LARGE\_POOL\_SIZE = 110 MB

Which two statements are correct? (Choose two.)

- A. You cannot set a value for the DB\_8K\_CACHE\_SIZE parameter.
- B. If you increase the size of the large pool to 120 MB, then the memory allocated to the shared pool will be reduced to 110 MB.
- C. If the value for SGA\_TARGET is changed to 1 GB and SHARED\_POOL\_SIZE is set to 120 MB, then memory cannot be taken from the shared pool, even if the shared pool has free space available.
- D. If an application attempts to allocate more than 120 MB from the shared pool and free space is available in the buffer pool, then the free space from the buffer pool is allocated to the shared pool.

**Answer: AC**

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### QUESTION NO: 5

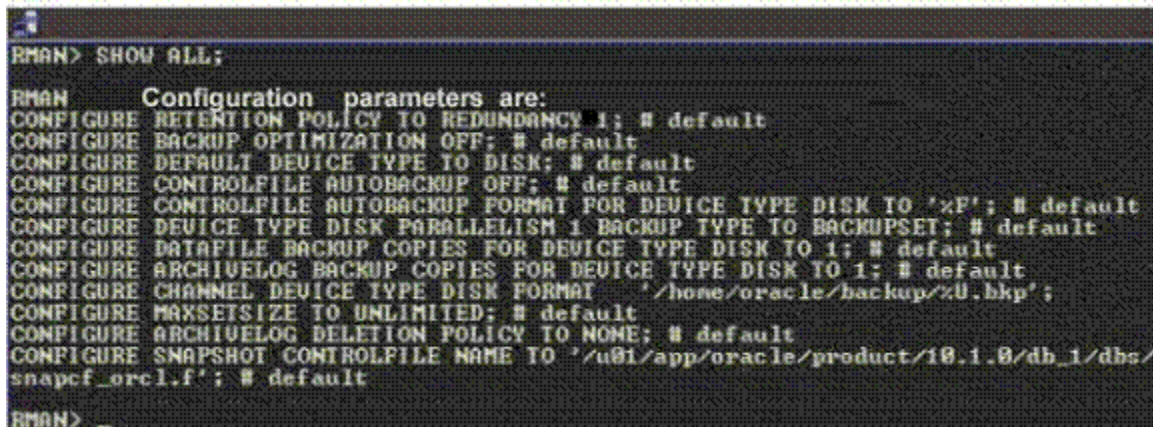
You are performing a block media recovery on the tools01.dbf data file in the SALES database using RMAN. Which two statements are correct in this scenario? (Choose two.)

- A. You must ensure that the SALES database is mounted or open.
- B. You must restore a backup control file to perform a block media recovery.
- C. You must take the tools01.dbf data file offline before you start a block media recovery.
- D. You must put the database in NOARCHIVELOG mode to perform a block media recovery.
- E. You can perform only a complete media recovery of individual blocks, point-in-time recovery of individual data blocks is not supported.

**Answer: AE**

### QUESTION NO: 6

Exhibit



```
RMAN> SHOW ALL;  
  
RMAN Configuration parameters are:  
CONFIGURE RETENTION POLICY TO REDUNDANCY 1; # default  
CONFIGURE BACKUP OPTIMIZATION OFF; # default  
CONFIGURE DEFAULT DEVICE TYPE TO DISK; # default  
CONFIGURE CONTROLFILE AUTOBACKUP OFF; # default  
CONFIGURE CONTROLFILE AUTOBACKUP FORMAT FOR DEVICE TYPE DISK TO '%F'; # default  
CONFIGURE DEVICE TYPE DISK PARALLELISM 1 BACKUP TYPE TO BACKUPSET; # default  
CONFIGURE DATAFILE BACKUP COPIES FOR DEVICE TYPE DISK TO 1; # default  
CONFIGURE ARCHIVELOG BACKUP COPIES FOR DEVICE TYPE DISK TO 1; # default  
CONFIGURE CHANNEL DEVICE TYPE DISK FORMAT '/home/oracle/backup/%U.bkp';  
CONFIGURE MAXSETSIZE TO UNLIMITED; # default  
CONFIGURE ARCHIVELOG DELETION POLICY TO NONE; # default  
CONFIGURE SNAPSHOT CONTROLFILE NAME TO '/u01/app/oracle/product/10.1.0/db_1/dbs/snapcf_orcl.f'; # default  
  
RMAN>
```

You executed the following command to perform a backup of the USERS tablespace:  
RMAN > BACKUP TABLESPACE USERS;

Which type of backup would this command perform?

- A. backup set
- B. image copy
- C. incremental backup
- D. None; the user receives an error indicating that the backup type must be specified.

**Answer: A**

### QUESTION NO: 7

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In your database, online redo log files are multiplexed and one of the members in a group is lost due to media failure?

How would you recover the lost redo log member?

- A. import the database from the last export
- B. restore all the members in the group from the last backup
- C. drop the lost member from the database and then add a new member to the group
- D. restore all the database files from the backup and then perform a complete recovery
- E. restore all the database files from the backup and then perform an incomplete recovery

**Answer: C**

### QUESTION NO: 8

You are using Oracle Database 10g. Which statement regarding an incomplete recovery is true?

- A. You do not need to restore all the data files.
- B. You do not need to open the database with the RESETLOGS operation
- C. You do not need to perform a full backup after the RESETLOGS operation.
- D. You do not need to recover all the data files to the same system change number (SCN).

**Answer: C**

### QUESTION NO: 9

Exhibit

**Edit Resource Plan: SYSTEM\_PLAN**

General **Class Definition** **Min Time** **Class Definition** **Min Time** **Group Switching** **Min Time**

Plan: **SYSTEM\_PLAN**

Description: Plan to give system sessions priority

Activate this plan:

**Selected Groups/Subplans**

Group/Subplan	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8
LOW_GROUP	10	0	100	0	0	0	0	0
OTHER_GROUPS	0	100	0	0	0	0	0	0
SYS_GROUP	90	0	0	0	0	0	0	0

(Modify)

View the Exhibit and examine the Resource Manager settings for the groups at different levels. Which two effects would be the result of this setting? (Choose two.)

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- A. The members of LOW\_GROUP would get more priority than those of OTHER\_GROUPS.
- B. The members of SYS\_GROUP would get most of the CPU allocation at level 1.
- C. The members of LOW\_GROUP would get most of the CPU allocation because it has CPU allocation at two different levels.
- D. The members of LOW\_GROUP would get no CPU allocation at level1 if the members of OTHER\_GROUPS are using all the CPU at level 2.
- E. The members of SYS\_GROUP would get no CPU allocation at level 1 if the members of OTHER\_GROUPS are using all the CPU at level 2.

**Answer: AB**

### QUESTION NO: 10

The current time zone for one of the user sessions is set to the database local time zone. For one application, the user session requires the time zone to be set to the local operating system time zone without affecting other user sessions. Which two solutions could the user implement to achieve this objective? (Choose two.)

- A. use the ALTER SYSTEM command to change the time zone
- B. use the ALTER SESSION command to change the time zone
- C. use the ALTER DATABASE command to change the time zone
- D. set the value for the operating system variable ORA\_SDTZ on the client machine
- E. set the value for the operating system variable ORA\_SDTZ on the database server machine

**Answer: BD**

### QUESTION NO: 11

You work as a database administrator at Pass4sures.com. Your database is open and running in ARCHIVELOGmode. You take RMANfull backups every Sunday night. On Monday morning, while querying the user1.employeetable, you receive the following error message:

01578: ORACLE data block corrupted (file # 5, block # 51) ORA-01110: data file 5: '/u01/app/oracle/oradata/orcl/example01.dbf'

You need to rectify the corruption while ensuring the following:

The data file should remain online

The mean time to recover (MTTR) should be minimal. You are not using a backup control file and all the archived logs are accessible.

Which option would you choose?

- A. flash back the corrupted blocks
- B. use the DBMS\_REPAIR package
- C. use the RMAN TSPITR command

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- D. use the RMAN BLOCKRECOVER command
- E. use the RESTORE DATABASE and RECOVER DATABASE commands
- F. investigate the time at which the corruption occurred and perform a point-in-time recovery

**Answer: D**

### QUESTION NO: 12

You are working on an Oracle Database 10g database. You enabled the Flashback Database feature. Which two statements regarding flashback logs are true? (Choose two.)

- A. Flashback logs are not archived.
- B. Flashback logs are maintained in redo log files.
- C. Flashback logs are maintained in the Flash Recovery Area.
- D. Flashback logs are used to maintain Flashback Database related errors.
- E. Flashback logs need to be cleared manually after you disable Flashback Database.

**Answer: AC**

### QUESTION NO: 13

You executed the following query:

```
SELECT operation, undo_sql, table_name  
FROM flashback_transaction_query;
```

Which statement is correct regarding the query output?

- A. It would return information regarding only the last committed transaction.
- B. It would return only the active transactions in all the undo segments in the database.
- C. It would return only the committed transactions in all the undo segments in the database.
- D. It would return both active and committed transactions in all the undo segments in the database.
- E. It would return information regarding the transactions that began and were committed in the last 30 minutes.

**Answer: D**

### QUESTION NO: 14

Consider the following configuration:

/devices/D1 is a member of disk group dgroupA.

/devices/D2 is a member of disk group dgroupA.

/devices/D3 is a member of disk group dgroupA.

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You plan to add a new disk, /devices/D4, to the disk group dgroupA.

You execute the following command:

SQL> ALTER DISKGROUP dgroupA ADD DISK '/devices/D\*'; which task would be accomplished by the command?

- A. The command adds the new disk, D4, to the disk group.
- B. The command would result in an error because there is no disk by the name "/devices/D\*"
- C. The command will be ignored because disks starting with "D" are already members of the disk group.
- D. The command would result in an error because no wildcard characters can be used in the disk name.
- E. The command first detaches all the member disks starting with "D", and then reattaches them including the new disk.

**Answer: A**

### QUESTION NO: 15

You work as a database administrator at Pass4sures.com. In your production database there is a job, CALC\_STAT, which has been scheduled to run every Friday at 5.00 p.m. CALC\_STAT updates the optimizer statistics for the objects owned by the APPS schema. You want the task to be generic, thereby allowing users to modify the attributes of the task at run time without affecting the original task. Which component of Oracle Scheduler must you define to achieve this?

- A. Window
- B. Program
- C. Job class
- D. Window group

**Answer: B**

### QUESTION NO: 16

Immediately after adding a new disk to or removing an existing disk from an Automatic Storage Management (ASM) instance, you find that the performance of the database decreases initially, until the addition or removal process is completed. Performance then gradually returns to normal levels. Which two activities could you perform to maintain a consistent performance of the database while adding or removing disks? (Choose two.)

- A. increase the number of checkpoint processes
- B. define the POWER option while adding or removing the disks
- C. increase the number of DBWR processes by setting up a higher value for DB\_WRITER\_PROCESSES
- D. increase the number of slave database writer processes by setting up a higher value for



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DBWR\_IO\_SLAVES

E. increase the number of ASM Rebalance processes by setting up a higher value for ASM\_POWER\_LIMIT during the disk addition or removal

**Answer: BE**

### QUESTION NO: 17

The current time is 12:00 noon. You want to recover the USERS tablespace from a failure that occurred at 11:50 A.m. You discover that the only member of an unachieved redo log group containing information from 11:40 A.m. onwards is corrupt. With reference to this scenario, if you are not using Recovery Manager (RMAN), which recovery method would you use?

- A. time-based recovery
- B. log sequence recovery
- C. cancel-based recovery
- D. change-based recovery

**Answer: C**

### QUESTION NO: 18

You lost the PRODSTD tablespace, which was read/write. The tablespace was read-only when the last backup was performed. How would you recover the tablespace?

- A. restore the tablespace from the backup; there is no need to apply the redo information
- B. restore the full database to recover the data up to the point when you performed the backup
- C. restore the tablespace from the backup and then perform a recovery using the backup control file
- D. restore the tablespace from the backup and then recover the tablespace; all the redo information from the point when the tablespace was made read/write is applied

**Answer: D**

### QUESTION NO: 19

You are using an Automatic Storage Management (ASM) instance to manage the files of your production database. You have two disk groups, DG1 and DG2 with one device each. In the parameter file of the production database, the following parameters have been specified:

```
DB_CREATE_ONLINE_LOG_DEST_1 = '+dg1'  
DB_CREATE_ONLINE_LOG_DEST_2 = '+dg2'
```

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What would be the impact of this setting?

- A. When a new log group is added, it would have one member in each disk group.
- B. When a new log group is added, it would have two members in each disk group.
- C. When a new table space is added, it would have one data file in each disk group.
- D. When a new log file is added, it would have one member spread across the disk groups.

**Answer: A**

### QUESTION NO: 20

An RMAN backup job fails, displaying the following error:

ORA-19809: limit exceeded for recovery files

Your analysis shows that the Flash Recovery area is full. Which two actions could you take to resolve the error and avoid this error in the future? (Choose two.)

- A. takes the backup of the flash recovery area less frequently
- B. increase the value of the UNDO\_RETENTION initialization parameter
- C. change the value of the WORKAREA\_SIZE\_POLICY initialization parameter to AUTO
- D. change the backup retention policy to retain the backups for a smaller period of time
- E. increase the value of the DB\_RECOVERY\_FILE\_DEST\_SIZE initialization parameter
- F. increase the value of the CONTROL\_FILE\_RECORD\_KEEP\_TIME initialization parameter

**Answer: DE**

### QUESTION NO: 21

Your database operates in

ARCHIVELOG mode. User-managed consistent backups are performed every Sunday night.

On Tuesday, client A drops a table at 8:00 A.m. as follows:

```
SQL> DROP TABLE cust_ord PURGE;
```

Table dropped.

Client B executes a query at 9:00 A.m. on the same table as follows:

```
SQL> SELECT * FROM cust_ord;
```

```
SELECT * FROM cust_ord
```

```
*
```

ERROR at line 1:

ORA-00942: table or view does not exist

Client B needs the dropped table and reports the problem to you.