Oracle 1Z0-053 Exam

Volume: 698 Questions

Question No : 1

As DBA for the Rebalance, you have decided that you need to facilitate some redundancy in your database. Using ASM, you want to create a disk group that will provide for the greatest amount of redundancy for your ASM data (you do not have advanced SAN mirroring technology available to you, unfortunately).

Which of the following commands would create a disk group that would offer the maximum in data redundancy?

```
A. CREATE DISKGROUP dg_alliance1 NORMAL REDUNDANCY
        FAILGROUP diskcontrol1 DISK 'c:\oracle\asm_disk\file_disk3' NAME file_diska1
        FAILGROUP diskcontrol2 DISK 'c:\oracle\asm_disk\file_disk4' NAME
   file_diskb1;
B. CREATE DISKGROUP dg_alliance1 EXTERNAL REDUNDANCY
        FAILGROUP diskcontrol1 DISK 'c:\oracle\asm_disk\file_disk3' NAME
   file_diska1;
C. CREATE DISKGROUP dg_alliance1 HIGH REDUNDANCY
        FAILGROUP diskcontrol1 DISK 'c:\oracle\asm_disk\file_disk1' NAME file_disk1
        FAILGROUP diskcontrol2 DISK 'c:\oracle\asm_disk\file_disk2' NAME file_disk2
        FAILGROUP diskcontrol3 DISK 'c:\oracle\asm_disk\file_disk3' NAME file_disk3;
D. CREATE DISKGROUP dg_alliance1 MAXIMUM REDUNDANCY
        FAILGROUP diskcontrol1 DISK 'c:\oracle\asm_disk\file_disk1' NAME file_disk1
        FAILGROUP diskcontrol2 DISK 'c:\oracle\asm_disk\file_disk2' NAME file_disk2
        FAILGROUP diskcontrol2 DISK 'c:\oracle\asm_disk\file_disk3' NAME file_disk3
        FAILGROUP diskcontrol2 DISK 'c:\oracle\asm_disk\file_disk4' NAME file_disk4;
E. None of the above
```

A. Option A

B. Option B

C. Option C

D. Option D

E. Option E

Answer: C

Question No : 2

Users are connected to a database instance that is using Automatic Storage Management (ASM). The DBA executes the command as follows to shut down the ASM instance:

SQL> SHUTDOWN IMMEDIATE;

What happens to the database instance?

A. It shuts down long with the ASM instance.

B. It is aborted and the ASM instance shuts down normally.

C. It stays open and SHUTDOWN command for the ASM instance fails.

D. It shuts down only after all pending transactions are completed and the ASM instance waits for this before shutting down.

Answer: C

Question No : 3
Which initialization parameter in an ASM instance specifies the disk groups to be automatically mounted at instance startup?

A. ASM_DISKMOUNT

B. ASM_DISKGROUP

C. ASM_DISKSTRING

D. ASM_MOUNTGROUP

Answer: B

Question No : 4
Your organization decided to upgrade the existing Oracle 10g database to Oracle 11g database in a multiprocessor environment.
At the end of the upgrade, you observe that the DBA executes the following script:
SQL> @utlrp.sql
What is the significance of executing this script?

A. It performs parallel recompilation of only the stored PL/SQL code.

B. It performs sequential recompilation of only the stored PL/SQL code.

C. It performs parallel recompilation of any stored PL/SQL as well as Java code.

D. It performs sequential recompilation of any stored PL/SQL as well as Java code.

Answer: C

Question No : 5
To reference existing ASM files, you need to use a fully qualified ASM filename. Your development

database has a disk group named DG2A, the database name is DEV19, and the ASM file that you want to reference is a datafile for the USERS02 tablespace.
Which of the following is a valid ASM filename for this ASM file?

A. dev19/+DG2A/datafile/users02.701.2

B. +DG2A/dev19/datafile/users02.701.2

C. +DG2A/dev19/users02/datafile.701.2

D. +DG2A.701.2

E. +DG2A/datafile/dev19.users.02.701.2

Answer: B

Question No : 6
You are managing an Oracle Database 11g ASM instance with a disk group dg01 having three disks. One of the disks in the disk group becomes unavailable because of power failure. You issued the following command to change the DISK_REPAIR_TIME attribute from 3.6 hours to 5 hours:
ALTER DISKGROUP dg01 SET ATTRIBUTE 'disk_repair_time' = '5h';
To which disks in the disk group will the new value be applicable?

A. all disks in the disk group

B. all disks that are currently in OFFLINE mode

C. all disks that are not currently in OFFLINE mode

D. all disks in the disk group only if all of them are ONLINE

Answer: C

Question No : 7
You are an Oracle DBA responsible for an ASM instance. The disk controller on your system fails. You suspect that the disk itself is okay. You know it will take 24 hours to replace the controller and you don't want to have to rebuild the disks from scratch.
What do you do?

A. Take the whole disk group offline and wait for the controller card to be installed. Once it's installed, bring the disk group online again.

B. Change the ASM parameter ASM_PREFERRED_READ_FAILURE_GROUPS to indicate that you want to read from the non-failed disk. Once the disk controller is replaced, reset the parameter to its original value.

C. You have no choice but to rebuild the disk. Drop the disk from the disk group and wait for the controller to be replaced. Once the controller is replaced, add the disk back into the disk group and allow ASM to rebuild it.

D. If you are using any setting other than REDUNDANCY EXTERNAL for your disk group, you will have to recover any data on that disk from a backup. The database will be unavailable until you can correct the problem and perform recovery.

E. Change the attribute DISK_REPAIR_TIME on the disk group to a time greater than 24 hours.

Answer: E

Question No : 8
Which of the following is not a configurable attribute for an individual disk group?

A. AU_SIZE

B. COMPATIBLE.RDBMS

C. COMPATIBLE.ASM

D. DISK_REPAIR_TIME

E. DG_DROP_TIME

Answer: E

Question No : 9
When an ASM instance receives a SHUTDOWN NORMAL command, what command does it pass on to all database instances that rely on the ASM instances disk groups?

A. TRANSACTIONAL

B. IMMEDIATE

C. ABORT

D. NORMAL

Answer: A

Question No : 10
You want to perform the following operations for the DATA ASM disk group:
. Verify the consistency of the disk.
. Cross-check all the file extent maps and allocation tables for consistency.
. Check whether the alias metadata directory and file directory are linked correctly.
. Check that ASM metadata directories do not have unreachable allocated blocks.
Which command accomplishes these tasks?

A. ALTER DISKGROUP data CHECK;

B. ALTER DISKGROUP data CHECK DISK;

C. ALTER DISKGROUP data CHECK FILE;

D. ALTER DISKGROUP data CHECK DISK IN FAILURE GROUP 1;

Answer: A

Question No : 11
You are managing an Oracle 11g database with ASM storage, for which the COMPATIBLE initialization parameter is set to 11.1.0. In the ASM instance, the COMPATIBLE.RDBMS attribute for the disk group is set to 10.2 and the COMPATIBLE.ASM attribute is set to 11.1. Which two statements are true in this scenario for the features enabled for ASM? (Choose two.)

A. The ASM-preferred mirror read feature is enabled.

B. The ASM supports variable sizes for extents of 1, 8, and 64 allocation units.

C. The ASM disk is dropped immediately from a disk group when it becomes unavailable.

D. The RDBMS always reads the primary copy of a mirrored extent of the ASM disk group.

Answer: A,B

Question No : 12
What are the recommendations for Oracle Database 11g installation to make it Optimal Flexible

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Architecture (OFA)-compliant? (Choose all that apply.)

A. ORACLE_BASE should be set explicitly.

B. An Oracle base should have only one Oracle home created in it.

C. Flash recovery area and data file location should be on separate disks.

D. Flash recovery area and data file location should be created under Oracle base in a non-Automatic Storage Management (ASM) setup.

Answer: A,C,D

Question No : 13
Identify three key features of ASM. (Choose three.)

A. file striping

B. allocation unit mirroring

C. automatic disk rebalancing

D. automatic file size increment

E. automatic undo management

Answer: A,B,C

Question No : 14
You are managing an Oracle Database 11g instance and an Oracle Database 10g instance on the same machine. Both instances use the ASM instance as storage. Which statement regarding the ASM disk group compatibility attributes are true in this scenario? (Choose all that apply.)

A. The database-compatibility version settings for each instance must be greater than or equal to the RDBMS compatibility of all ASM disk groups used by that database instances.

B. RDBMS compatibility and the database version determines whether a database instance can mount the ASM disk group.

C. The RDBMS compatibility settings for a disk group control the format of data structures for ASM metadata on the disk.

D. ASM compatibility controls which features for the ASM will be enabled.

Answer: A,B,D

Question No : 15
What is the effect of increasing the value of the ASM_POWER_LIMIT parameter?

A. The number of DBWR processes increases

B. The number of ASMB processes increases

C. The number of DBWR_TO_SLAVES increases

D. The rebalancing operation in an ASM instance completes more quickly, but can result in higher I/O overhead

Answer: D

Question No : 16
After executing the command
ALTER DISKGROUP diskgroup2 DROP DISK dg2a;
You issue the following command from the ASM instance:
SELECT group_number, COUNT(*) FROM v$asm_operation;
What is the implication if the query against V$ASM_OPERATION returns zero rows?

A. The drop disk operation is still proceeding and you cannot yet run the undrop disks operation.

B. The drop disk operation is complete and you can run the undrop disks command if needed.

C. The drop disk operation is complete and you cannot run the undrop disks command.

D. The query will fail since there is not a V$ASM_OPERATION view available in an ASM instance.

E. None of the above is true.

Answer: C

Question No : 17
The ORACLE_SID environment variable is set to +ASM. ASMLIB is not used in the configuration. You executed the following command to startup the Automatic Storage Management (ASM) instance.

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SQL> STARTUP;
Which two activities are performed during a successful start up operation? (Choose two.)

A. The databases configured to use the ASM instance are mounted

B. The disk groups are mounted as per the ASM_DISKGROUPS initialization parameter

C. ASM starts the Oracle Cluster Synchronization Services (CSS) daemon if it is not started

D. ASM discovers and examines the contents of all files that are in the paths specified in the ASM_DISKGROUPS initialization parameters

Answer: B,C

Question No : 18
You have three production databases, HRDB, FINDB, and ORGDB, that use the same ASM instance. At the end of the day, while all three production database instances are running, you execute the following command on the ASM instance:
SQL> shutdown immediate;
What is the result of executing this command?

A. The ASM instance is shut down, but the other instances are still running.

B. It results in an error because other database instances are connected to it.

C. All the instances, including the ASM instance, are shut down in the IMMEDIATE mode.

D. HRDB, FINDB, and ORGDB instances are shut down in the ABORT mode and the ASM instance is shut down in the IMMEDIATE mode.

Answer: B

Question No : 19
ASM supports all but which of the following file types? (Choose all that apply.)

A. Database files

B. SPFILEs

C. Redo-log files

D. Archived log files

E. RMAN backup sets

F. Password files

G. init.ora files

Answer: F,G

Question No : 20
The following command is executed to shut down an Automatic Storage Management (ASM) instance:
SQL>SHUTDOWN ABORT; Which two statements describe the consequences of the above command?
(Choose two.)

A. The disk groups are orderly dismounted.

B. The ASM instance requires recovery when it is started.

C. The database instance that are currently clients of the ASM instance are aborted.

D. The CSS daemon stops and has to be restarted before the ASM instance is restarted.

Answer: B,C

Question No : 21
Examine the following ALTER command;
SQL> ALTER DISKGROUP dgroup1 UNDROP DISKS;
What is the purpose of the command?

A. It cancels all pending disk drops within the disk group.

B. It adds previously dropped disks back into the disk group.

C. It restores disks that are being dropped as the result of a DROP DISKGROUP operation.

D. It mounts disks in the disk group for which the drop-disk operation has already been completed.

E. It restores all the dropped disks in the disk group for which the drop-disk operation has already been completed.

Answer: A

Question No : 22
What is the result of increasing the value of the parameter ASM_POWER_LIMIT during a rebalance operation?

A. The ASM rebalance operation will likely consume fewer resources and complete in a shorter amount of time.

B. The ASM rebalance operation will consume fewer resources and complete in a longer amount of time.

C. The ASM rebalance operation will be parallelized and should complete in a shorter amount of time.

D. There is no ASM_POWER_LIMIT setting used in ASM.

E. None of the above

Answer: C

Question No : 23
Examine the CREATE DISKGROUP command used to create a disk group:
SQL> CREATE DISKGROUP misc EXTERNAL REDUNDANCY
DISK 'ORCL: FRA3' NAME misc1, 'ORCL: FRA4' NAME misc2;
In which situation would you use this method of disk group creation?

A. When two-way disk mirroring is required for the allocation units

B. When three-way disk mirroring is required for the allocation units

C. When using hardware mirroring or RAID

D. When disk mirroring is required for the Automatic Storage Management (ASM) disks

Answer: C

Question No : 24
As the DBA, you run the following query on your ASM instance. What is the implication of the results of the query? (Choose two.)
SQL> select group_number, name, state from v$ASM_DISKGROUP;
GROUP_NUMBER NAME   STATE