

# Oracle

## Exam 1z0-068

### Oracle Database 12c: RAC and Grid Infrastructure Administration

Version: 7.0

[ Total Questions: 91 ]

**Question No : 1**

Which three statements are true about the Global Enqueue Service and Global Enqueue Service (GES) Resources in Oracle 12c RAC?

- A.** The mastering instance for a GES resource is never the same as the instance that owns the enqueue inexclusive mode.
- B.** The LMD0 runs only on the instance that masters all GES resources.
- C.** When a GES resource is dequeued, converters if any exist for that resource, are processed before anywaiter for that resource.
- D.** The LMD0 process on the requesting instance communicates with the LMD0 process on the masteringinstance if they are not the same instance.
- E.** The mastering instance for a GES resource is never the same as the instance that owns an enqueue inshared mode.
- F.** An LMD0 process runs on all instances.
- G.** The foreground process on the requesting instance communicates with the LMD0 process on themastering instance if they are not the same instance.

**Answer: A,F,G**

**Question No : 2**

Which two types of IP address details are administered using the srvctl command for Oracle Clusterware 12c?

- A.** the Grid Naming Service (GNS) VIP
- B.** public IP addresses
- C.** High Available VIP (HAIP) addresses
- D.** Single Client Access Name (SCAN) VIPs
- E.** Storage Network IP addresses

**Answer: C,D**

**Question No : 3**

Which three statements are true about the cluster file system archiving scheme?

- A.** Each node can read only the archived logs written by itself.
- B.** Nodes don't use network to archive files.
- C.** Each node can read the archive redo log files of the other nodes.
- D.** Each node archives to a uniquely named local directory.

- E. Each node archives to a local directory with the same path on each cluster node.
- F. Each node writes to a single location on the cluster file system while archiving the redo log files.

**Answer: A,C,D**

**Explanation:**

Each node can read the logs written by itself and any other node. Each node can read the archived redo log files of the other nodes. Each node archives to a uniquely named local directory.

Reference: [https://docs.oracle.com/cd/E18283\\_01/rac.112/e16795/rman.htm](https://docs.oracle.com/cd/E18283_01/rac.112/e16795/rman.htm)

[https://docs.oracle.com/cd/E11882\\_01/rac.112/e41960/rman.htm#RACAD320](https://docs.oracle.com/cd/E11882_01/rac.112/e41960/rman.htm#RACAD320)

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[2Frman.htm&usg=AFQjCNF54ysmEZx1uyl4UreB\\_aBSP3HoFA&sig2=03a0bvlmDDXv3hSvLi18Uw](https://www.google.com.pk/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&uact=8&ved=0ahUKEwjfpsutmZjLAhUMcl4KHQI-DDUQFggaMAA&url=https%3A%2F%2Fdocs.oracle.com%2Fcd%2FE11882_01%2Frac.112%2Fe41960%2Frman.htm&usg=AFQjCNF54ysmEZx1uyl4UreB_aBSP3HoFA&sig2=03a0bvlmDDXv3hSvLi18Uw)

#### Question No : 4

Oracle Clusterware manages an administrator-managed database service defined with the MANUAL management policy.

Which two statements are true?

- A. The service must be manually restarted with SRVCTL every time the instance hosting the service fails.
- B. Clusterware will monitor the service while it is active.
- C. The service must be manually restarted with SRVCTL after restarting the Clusterware stack on the node hosting the service.
- D. When manually started, the service will always start on one or more available instances rather than on their preferred instances.
- E. The service must be manually started with SRVCTL after a planned restart of the instance hosting the service.

**Answer: B,D**

**Question No : 5**

Which two components must always be defined or specified by an administrator to make an application highly available using Oracle 12c Clusterware?

- A. A Server Pool
- B. an application VIP
- C. an application resource
- D. a resource dependency definition
- E. a script agent

**Answer: B,C**

**Question No : 6**

You administer a three-instance, policy-managed, multitenant RAC database CDB1 with two PDBs: PDB\_1 and PDB\_2.

Examine these commands executed on host01:

```
$ srvctl add service -db CDB1 -pdb PDB_1 -serverpool prod_pool -cardinality singleton
```

```
$ srvctl start service -db CDB1 -service CRM $ srvctl stop service -db CDB1 -service CRM
```

Which three statements are true?

- A. CRM is only available for new logins on the CDB1 instance on host01.
- B. CRM is available for new logins on one CDB1 instance.
- C. The `srvctl start service` command automatically opens PDB\_1 if not already opened.
- D. The `srvctl stop service` command does not close PDB\_1 on any instance of CDB1.
- E. The CRM service is not available for new logins on any instance of CDB1.

**Answer: B,D,E**

**Question No : 7**

Which statement is true concerning the installation of an Oracle Grid Infrastructure 12c patchset and its status during the installation?

- A. Some grid infrastructure patchsets may not be installed in a rolling fashion.
- B. They can be applied in-place.

- C.** When performing rolling patches, crsctl query crs softwareversion always displays the lowest version of the software running anywhere in the cluster
- D.** When performing rolling patches, the VIPs for the node being patched are relocated to another node.

**Answer: C**

**Question No : 8**

Which three statements are true about displaying the location of voting files, OCR files, or OLR files in Oracle Clusterware 12c on a UNIX system?

- A.** Use `cat /etc/oracle/ocr.loc` to view the location of the OCR if stored in ASM.
- B.** Use `ocrcheck` command to view the location of the OCR only if stored in a file system.
- C.** Use `crsctl query votedisk` to view the location of voting files if stored in ASM.
- D.** Use the `ls` command in the `asmcmd` utility to view the location of voting files if stored in ASM.
- E.** Use `crsctl query votedisk` to view the location of voting files if stored in a file system.
- F.** Use `cat /etc/oracle/olr.loc` to view the location of the OCR and OLR if stored on a file system.

**Answer: B,E,F**

**Question No : 9**

Examine the output of the `asmcmd` and `srvctl` commands:

```
$ asmcmd showclustermode
```

```
ASM cluster : Flex mode enabled $ srvctl status asm -detail ASM is running on host01, host03 ASM is enabled.
```

```
$ srvctl config asm
```

```
ASM home: /u01/app/12.1.0/grid
```

```
Password file: +DATA/orapwASM
```

```
ASM listener: LISTENER
```

```
ASM instance count: 2
```

```
Cluster ASM listener: ASMNET1LSNR_ASM Then you execute this command:
```

```
$ srvctl relocate asm – currentnode host03 –targetnode host02
```

Which three statements are true regarding the execution of this command based on the output shown?

- A. It fails because an ASM instance is not configured to run on HOST02.
- B. It succeeds and starts an ASM instance on HOST02 and shuts down the ASM instance on HOST03.
- C. It succeeds and 12c database instances connected to the ASM instance on HOST03 can be reconnected to the ASM instance on HOST02.
- D. It fails because the ASM instance has not been shut down first on HOST03.
- E. It succeeds and starts an ASM instance on HOST02 but the ASM instance on HOST03 is not shut down until all connected clients disconnected.
- F. It succeeds and 12c database instances connected to the ASM instance on HOST03 can be reconnected to the ASM instance on HOST01.

**Answer: C,E,F**

#### Question No : 10

Which statement is true about using OPatch to patch Oracle Grid Infrastructure 12c?

- A. All grid infrastructure patches may be applied in a rolling fashion with Opatch.
- B. Opatch can patch all cluster nodes simultaneously without stopping the clusterware on all nodes.
- C. Opatch can patch all cluster nodes simultaneously only for nonrolling patches.
- D. Applying patches with Opatch must be done in an out-of-place fashion.

**Answer: A**

#### Question No : 11

Which three statements are true about Server Categorization in Oracle 12c Clusterware?

- A. All server attributes that may be used to determine the server category are discovered automatically by Oracle Clusterware.
- B. Different Hub nodes in a flex cluster may belong to separate administrator-defined categories.
- C. All hub nodes in a flex cluster belong to the same Oracle-supplied category.
- D. A server may be added to only one category using the crsctl utility.
- E. All leaf nodes in a flex cluster belong to the same Oracle-supplied category.
- F. All server attributes used for categorization are administrator modifiable.

**Answer: C,E,F**

**Question No : 12**

Which three types of patches and upgrades are supported for Oracle Grid Infrastructure 12c?

- A. in-place upgrades using the Oracle Universal Installer
- B. out-of-place patching for patch bundles
- C. in-place patching for patch bundles
- D. out-of-place upgrades using the Oracle Universal Installer
- E. in-place patching for one-off patches
- F. in-place patching for patch sets

**Answer: A,B,E**

**Question No : 13**

Examine this command executed on the first node of a three-node cluster:

```
# <GRID_INFRASTRUCTURE_ORACLE_HOME>/OPatch/opatchauto apply 18139660
```

Which two tasks does this command perform?

- A. It applies a patch to the Grid Infrastructure only on the first cluster node.
- B. It applies a patch to the Grid Infrastructure on all cluster nodes.
- C. It applies a patch to all database ORACLE\_HOMEs, with the same release as the Grid Infrastructure, only on the first cluster node.
- D. It applies a patch to all database ORACLE\_HOMEs, with the same release as the Grid Infrastructure, on all cluster nodes.
- E. It applies a patch to all database ORACLE\_HOMEs of any version on the first cluster node.
- F. It applies a patch to all database ORACLE\_HOMEs of any version on all cluster nodes.

**Answer: D,F**

**Question No : 14**

Which three statements are true about Oracle Enterprise Manager Topology Viewer?

- A. It displays which listeners listen on behalf of which instances.
- B. It displays the relationship between targets of different target types in a cluster.
- C. It displays the status of all cluster components.
- D. It displays the status of Pluggable Databases (PDBs) in a multitenant container database (CDB).
- E. It displays the relationship between clustered ASM and cluster databases if the database is stored in ASM.
- F. It displays the type of network used by RAC database instance.

**Answer: A,C,D**

#### Question No : 15

After creating a RAC One Node database using SQL statements, you want to register this database with Oracle Clusterware as a policy-managed resource.

Which command, or sequence of commands, should you use?

- A. `srvctl add srvpool -serverpool ron -importance 100 -min 2 -max 2 -servers 016n1, 016n2`  
`srvctl add db -db ron -oraclehome $ORACLE_HOME -dbtype raconenode -serverpool ron`
- B. `srvctl add db -db ron -oraclehome $ORACLE_HOME -dbtype raconenode -server 016n1, 016n2`
- C. `srvctl add db -db ron -oraclehome $ORACLE_HOME -dbtype raconenode -serverpool ron -server016n1, 016n2`
- D. `srvctl add srvpool -serverpool ron -importance 100 -min 2 -max 2 -servers 016n1, 016n2`  
`srvctl add db -db ron -oraclehome $ORACLE_HOME -dbtype raconenode -server 016n1, 016n2`

**Answer: C**

#### Question No : 16

Which three statements are true about the services created when the DBCA is used to create a RAC database?

- A. They can be policy managed for a multitenant database.
- B. Singleton services are not permitted for multitenant databases.
- C. A server-pool must be created with SRVCTL before creating a policy-managed RAC database that uses that server-pool for a service.
- D. Policy-managed services specified for a database allow the creation of a new server