



# Oracle

## Exam 1z0-432

### Oracle Real Application Clusters 12c Essentials

Version: 8.0

[ Total Questions: 85 ]

**Question No : 1**

The Flex ASM instances in your four-node cluster currently have a cardinality of two. Identify the correct command that will change the cardinality to three:

- A. `$ srvctl modify asm -cardinality 3`
- B. `$ srvctl update asm -count=3`
- C. `$ srvctl modify asm -count 3`
- D. `$ srvctl modify flex count = 3`

**Answer: C**

**Question No : 2**

Identify three stages of recovery of Oracle RAC Database 12cR1, which can be done in parallel with RMAN's RESTORE and RECOVER commands

- A. Applying archived redo logs
- B. Applying redo log files
- C. Applying incremental backups
- D. Restoring data files
- E. Restoring SPFILE

**Answer: A,C,D**

**Question No : 3**

Your organization needs a new Oracle 12cR1 RAC environment. The decision is made to clone an existing RAC system to new servers using the `clone.pl` method. Which mandatory step must be performed before launching the clone procedure?

- A. Install an Oracle 12cR1 Database home to use as a seeded environment.
- B. Ensure that the server meets all of the prerequisite requirements because the `perlclone.pl` cloning method does not check that.
- C. Copy the `clone.pl` utility to each target node
- D. Restore a copy of the Oracle Cluster Registry to the target servers.
- E. Keep all target nodes network isolated until the cloning is finished on the first node and then join each to the cluster network.

**Answer: E****Question No : 4**

Consider the server pools configured in the following scenario. There are no servers in the cluster, and all server pools are empty.

NAME	IMPORTANCE	MIN_SIZE	MAX_SIZE	PARENT_POOLS	EXCLUSIVE_POOLS
sp1	1	1	10		
sp2	3	1	6		
sp3	2	1	2		
sp2_1	2	1	5	sp2	S123
sp2_2	1	1	5	sp2	S123

When server1 joins the cluster, it will be assigned to...

- A. sp1
- B. sp2
- C. sp2 and sp2\_1
- D. sp2 and sp2\_2
- E. sp2, sp2\_1, and sp2\_2
- F. sp3

**Answer: C****Question No : 5**

Your manager has tasked you with planning an Oracle Grid Infrastructure 12cR1 installation. Which three actions must be performed before beginning the installation?

- A. All nodes are configured with the same operating system and version.
- B. Network interfaces are configured for public and private traffic.
- C. A valid voting disk file is available on at least one node.
- D. Shared storage is available from all servers.
- E. Each public network interface has its own subnet

**Answer: A,B,D**

**Question No : 6**

You are doing a RAC implementation for a customer. Your customer states that they have the hardware to install additional network adapters on each RAC node. Identify three reasons for which they might need additional adapters

- A. Each server has at least two network adapters
- B. Each server was accidentally ordered with only one network adapter
- C. Each server is using network-attached storage on one or two of their adapters
- D. They want to use the Redundant Interconnect Usage feature
- E. Each server has two network adapters and RAC requires at least three

**Answer: B,C,D**

**Question No : 7**

Which statement about the setup of Flex ASM is incorrect?

- A. You can choose the Oracle ASM deployment model during the installation of Oracle Grid Infrastructure
- B. When setting up Flex ASM, you must configure a private network and a separate ASM network
- C. You can use Oracle ASM Configuration Assistant (ASMCA) to enable Oracle Flex ASM after the installation or upgrade is performed.
- D. Oracle ASM deployment mode configuration is not available for Oracle Restart
- E. When setting up Flex ASM, the ASM network is configured, which is used for communication between ASM and ASM clients

**Answer: B**

**Question No : 8**

What is the mandatory step for a media recovery of RAC 12cR1 database with encrypted tablespaces?

- A. You must close the Oracle Wallet after database mount and before opening the database.
- B. You must open the Oracle Wallet after database nomount and before opening the database.
- C. You must relocate the sqlnet.ora file and remove it from \$ORACLE\_HOME/network/admin.
- D. You must open the Oracle Wallet after database mount and before opening database.

**Answer: D**

### Question No : 9

You have completed a rolling conversion from DNS to GNS cluster resolution from the database and cluster resources end. The remaining are the configuration changes to be done from the client side.

Which two items need to be taken into account to achieve a successful connection?

- A. For each client using a SCAN, change the SCAN the client uses so that the client uses the SCAN in the domain delegated to GNS
- B. For each client using VIP names, change the VIP name on each client so that they use the same server VIP name, but with the domain name in the domain delegated to GNS.
- C. There is no need to change anything in client configuration as the combination of TAF and ON will automatically take care of reaching the correct nodes
- D. All the nodes in the cluster need to be bounced one after the other in order for the changes to be completed as it is not possible to do it online

**Answer: A,B**

### Question No : 10

Which statement about the server Flex ASM is incorrect?

- A. Flex ASM requires an ASM instance on each cluster node running an Oracle Database instance
- B. Flex ASM allows ASM clients to remotely connect to ASM over a network.
- C. With Flex ASM, a small pool of ASM instances can be used to serve a larger pool of database servers.
- D. When an ASM instance fails, the database clients and ASM cluster file systems can reconnect another ASM instance.

**Answer: A**

**Question No : 11**

The Free server pool contains servers that are not assigned to any other server pools. Which two attributes of the free server pool can be edited by the user?

- A. SERVER\_NAMES
- B. MIN\_SIZE
- C. MAX\_SIZE
- D. IMPORTANCE
- E. ACL

**Answer: D,E**

**Question No : 12**

Identify the correct command to create the salesrep service for the PDB salespdb in the RAC 12cR1 CDB with DB\_UNIQUE\_NAME mycdb.

- A. `Srvctl add service -db mycdb -service salesrep -pdb create salespdb`
- B. `Srvctl add service -db mycdb -service salesrep -pdb service salespdb`
- C. `Srvctl add service -db mycdb -service salesrep -pdb salespdb`
- D. `Srvctl add service -db mycdb -service salesrep -pdb service salespdb`

**Answer: C**

**Question No : 13**

Different versions of Oracle Clusterware, Oracle ASM, and Oracle Database can be installed in a cluster. Which three items correctly describe the guidelines, which govern Oracle Clusterware compatibility?

- A. Oracle ASM 12cR1 requires Oracle Clusterware 12cR1 and can support Oracle Database 12cR1, Oracle Database 11g R2 and R1, and Oracle Database 10g R2 and R1.
- B. Oracle Clusterware 12cR1 can support Oracle Database 12cR1, Oracle Database 11g R2 and R1, and Oracle Database 10g R2 and R1

- C. Oracle Clusterware 12cR1 can support Oracle Database 12cR1, Oracle Database 11g R2 and R1
- D. Oracle Database 10g R2 and R1, and Oracle Database 9/ R3
- E. Oracle Clusterware 12cR1 supports Oracle ASM 12cR1 only
- F. Oracle Database 12cR1 requires Oracle Clusterware 11g R2 and above

**Answer: A,B,E**

**Question No : 14**

Which two components are required to set up a SCAN listener for your customer's 12cR1 RAC environment?

- A. 3 virtual IP addresses on the same subnet DB
- B. 3 private IP addresses on the same subnet
- C. 3 private IP addresses on different subnets
- D. One single name that resolves to 3 1Pv4 or 1Pv2 addresses
- E. One single name that resolves to 3 1Pv6 or 1Pv4 addresses

**Answer: A,E**

**Question No : 15**

Which statement about the management of Oracle ADVM volumes by using ASMCA is incorrect?

- A. Using ASMCA allows you to create and configure an Oracle ADVM volume
- B. You can use ASMCA to enable or disable ADVM volumes.
- C. When creating an Oracle ADVM volume for an ACFS file system that will store database files, you must create the volume using ASMCA to ensure correct column striping
- D. You can use ASMCA to resize volumes that have not been mounted on an Oracle ACFS file system
- E. You can use ASMCA to delete Oracle ADVM volumes

**Answer: C**

**Question No : 16**

Which are the correct steps required to discover targets manually, using Oracle Enterprise Manager Cloud Control 12c?

- A. Enterprise > Configuration > Search
- B. Targets > All Targets > Configure
- C. Setup > Manage CloudControl > Management Services
- D. Setup > Add Target > Add Targets Manually
- E. Setup > Discover Targets > Add Targets Manually

**Answer: D**

### Question No : 17

You are talking to the network adminteam about the Interconnect network in Oracle RAC and Clusterware. Which statement about the Private interconnect interface is incorrect?

- A. Oracle RAC and Oracle ASM instances use the private interconnect for inter-instance communication.
- B. Oracle Clusterware uses the private interconnect to exchange Clusterware-related messages among its nodes.
- C. It supports both IPv4 and IPv6.
- D. It supports redundant network interfaces for load balancing and high availability.

**Answer: C**

### Question No : 18

Identify the incorrect statement about server pools.

- A. Server pools divide a cluster into logical groups of servers inwhich the application can be a database or nondatabase.
- B. An application is considered a singleton when it runs on a single server ina pool. The database administrator must use the CRSCTL utility to create and manage clusters that contain Oracle RAC databases
- C. Oracle Default Server Pools are defined as FREE and GENERIC Server Pools.
- D. Database administrators can create and manage server pools that will contain Oracle RAC databases by using the SRVCTL utility.

**Answer: C**

**Question No : 19**

Under which condition can Oracle Automated Storage Management (ASM) be considered to be a component of the Oracle Clusterware technology stack?

- A. Oracle Cluster Registry (OCR) is stored on Oracle ASM
- B. Oracle Local Registry (OLR) is stored on a clustered file system (OCFS/ACFS/DBFS)
- C. Both Oracle Cluster Registry and Oracle Local Registry are stored on Oracle ASM
- D. Oracle ASM can never be considered a component of Oracle Clusterware
- E. Oracle ASM can be considered a component of Oracle Clusterware technology stack only when deployed on engineered systems such as Exadata or Oracle Database Appliance

**Answer: A**

**Question No : 20**

Which two statements about the Grid Infrastructure Management Repository are correct?

- A. It is a single instance database that is managed by Oracle Clusterware.
- B. It is where the Cluster Health Monitor places data.
- C. It is created during a "Typical" installation.
- D. It is stored in the ASM disk group that is used as a Fast Recovery Area.

**Answer: B,C**

**Question No : 21**

The customer is still not convinced about the advantages of using node VIPs. Which is the most important point that will convince him about why VIPs are used in Oracle RAC 12cR1 environments?

- A. It is very convenient as whenever a node/interface/network related to the node VIP fails, the VIP can fail to another node and the failed over VIP can start accepting connections from the new node avoiding connection failures
- B. This is needed as whenever a node/interface/network related to the node VIP fails, clients

that attempt to connect to the VIP address receive a rapid connection-refused error instead of waiting for TCP connect timeout messages. This helps for a quicker failure detection and resolution

**C.** It is needed as whenever the node/interface/network related to the VIP fails, nothing happens and node VIP never fails to any other node and stays stable

**D.** Configuring VIP is optional and not needed in an Oracle RAC 12cR1 configuration.

**Answer: A**

### Question No : 22

Which three statements accurately describe the components of the Cluster Ready Services Technology Stack?

**A.** Cluster Ready Services (CRS): A specialized oraagent process that helps CRSD manage resources owned by rootsuch as the network, and the Grid virtual IP address

**B.** Cluster Synchronization Services (CSS): Manages the cluster configuration by controlling which nodes are members of the cluster and by notifying members when a node joins or leaves the cluster

**C.** Cluster Time Synchronization Service (CTSS): A background process that publishes events that Oracle Clusterware creates.

**D.** Event Management (EVM). Provides time management in a cluster for Oracle Clusterware

**E.** Grid Naming Service (GNS): Handles requests sent by external DNS servers, performing name resolution for names defined by the cluster.

**F.** Oracle Agent (oraagent): This process was known as RACG in Oracle Clusterware 11gR1 (11.1).

**Answer: B,E,F**

### Question No : 23

What is the maximum number of ASM disk groups in one ASM installation?

**A.** 10

**B.** 63

**C.** 64

**D.** 511

**E.** 512

**F.** Unlimited

**Answer: D**

**Question No : 24**

You are installing Oracle Grid Infrastructure with Oracle Universal Installer (OUI). Your goal is a cluster that contains both database nodes and application nodes. The databases are intended to be under Oracle Quality of Services (QoS) management. Which three OUI choices are required to achieve the desired infrastructure?

- A. Choice "Configure a Standard cluster" in the Cluster Type selection step
- B. Choice "Yes" in the Grid Infrastructure Management Repository Option step
- C. Choice "Configure a Flex cluster" in the Cluster Type selection step
- D. Choice "Use Standard ASM for storage" in the Storage Option step
- E. Choice "Use Oracle Flex ASM for storage" in the Storage Option step
- F. Choice "Configure GNS" in the Grid Plug and Play step

**Answer: C,E,F**

**Question No : 25**

In a clustered Oracle ASM environment, a disk group is mounted in restricted mode. Which statement is correct?

- A. You can mount the disk group on all the nodes.
- B. You can issue any command, as long as you are using the force option.
- C. You can open the database located on this disk group only in standalone mode.
- D. You can open the database on this disk group only in restricted mode.
- E. You know that nobody is using the disk group, so you can perform a fast rebalancing on the disk group.

**Answer: E**

**Question No : 26**

When creating a server pool using the SRVCTL utility, which server pool attributes are available?

- A. CATEGORY ,MIN, MAX,AGL, EXECUITTVE\_POOLS,ACTIVE\_ SERVERS
- B. CATEGORY,IMPORTANCE, MIN, MAX, SERVERPOOL, SERVERS
- C. CATEGORY, MIN, MAX, AGL,EXCLUSIVE,\_POOLS ,ACTIVE\_ SERVERS
- D. IMPORTANCE, MIN, MAX,MIN\_SIZE, NAME
- E. MIN\_SIZE, MAX\_SIZE, NAME, IMPORTANCE ,SERVERS\_ CATEGORY
- F. SERVER\_CATEGORY, SERVERS, SERVERPOOL, MIN,MAX, NAME

**Answer: B**

**Question No : 27**

Which statement about Oracle Flex ASM is incorrect?

- A. Oracle Flex ASM enables an Oracle ASM instance to run on a separate physical server from the databaseservers.
- B. With Flex ASM, a smaller pool of ASM instances can be used to serve a large pool of database servers.
- C. Flex ASM requires the configuration of Flex Clusters.
- D. Flex ASM can be configured on either a standard cluster or a Flex Cluster.
- E. Higher availability can be achieved with Flex ASM because if an ASM instance fails, its clients can reconnect to another ASM instance

**Answer: C**

**Question No : 28**

Inanadvanced GridInfrastructure Installation,you can optionally configureGridNaming Service (GNS).In which two cases must you configure the GNS?

- A. Youconfigured a dedicated network for Automatic Storage Management (ASM)
- B. You decided to configure a Flex Cluster
- C. You decided to configure a Standard Cluster
- D. You decided to use 1Pv6 addressesinclient connections
- E. You use Dynamic Host Configuration Protocol (DHCP) to assign IP addresses tocluster nodes

**Answer: B,E**