



1Z0-902^{Q&As}

Oracle Exadata Database Machine X9M Implementation Essentials

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**QUESTION 1**

You are working on a remote Exadata Database Machine with current software and firmware. You now need to start a storage server after hardware maintenance. Which ILOM command starts the storage server?

- A. -> start /System
- B. -> start /SP/console
- C. -> set /SYS power_state=ON
- D. You must be physically present in the data center to start an Exadata Storage Server.
- E. -> start /SYSTEM/power
- F. -> start /SYS/power

Correct Answer: C

Explanation: This command is based on the Oracle Exadata Database Machine X9M Implementation Essentials Official Text Book and other resources. This command sets the power state of the system to ON and starts the storage server. It is the only command that is able to start the storage server remotely. All the other commands are incorrect or require the user to be physically present in the data center.

QUESTION 2

Which three statements are true about Oracle Configuration Manager (OCM) for an Exadata Database Machine?

- A. It is mandatory to install OCM on all database servers.
- B. It collects configuration information automatically.
- C. It collects configuration information on demand.
- D. It is mandatory to install OCM on at least one database server.
- E. Collected configuration information can be uploaded automatically to Oracle.
- F. Collected configuration information can be uploaded manually to Oracle.

Correct Answer: BCE

It collects configuration information automatically (B). OCM gathers detailed configuration information about a variety of designated Oracle products and components across an enterprise on a regular basis². It collects configuration

information on demand ? OCM can also collect configuration information manually when requested by the user or by Oracle Support².

Collected configuration information can be uploaded automatically to Oracle (E). OCM can upload the collected configuration information to My Oracle Support automatically for analysis and support purposes³.

**QUESTION 3**

Which of the following is NOT a requirement when validating, receiving, unpacking, and planning access route and space requirements for Exadata Database Machine?

- A. The entire access route to the installation site should be free of raised-pattern flooring that can cause vibration.
- B. 914mm of space required above the rack height is required for maintenance access.
- C. The incline of any access route ramp must be less than or equal to 6 degrees.
- D. All four leveling and stabilizing feet should be raised and out of the way prior to moving the rack.
- E. Oracle Exadata Rack may only be installed on raised floor environments.
- F. A conditioned space is required to remove the packaging material to reduce particles before entering the data center.

Correct Answer: E

Explanation: Exadata Database Machine is a pre-configured and pre-tuned hardware and software system designed to run Oracle Database, it can be installed on raised floor environments, but also on concrete or tile floors

Oracle Exadata Database Machine X9M Implementation Essentials states that Exadata racks are designed to be installed on flat surfaces, not raised floor environments. It is not required to install the rack on raised floor environments. Additionally, the other options listed are all requirements for validating, receiving, unpacking, and planning access route and space requirements for Exadata Database Machine. (Source: Oracle Exadata Database Machine X9M Implementation Essentials, page 41) <https://docs.oracle.com/en/engineered-systems/exadata-database-machine/dbmin/index.html>

QUESTION 4

What are two recommended configuration best practices for backup and recovery on Exadata?

- A. Placing the backup network on dedicated switches installed in the top of the rack (ToR) has the benefits of isolating the backup network from other workloads and providing a greater level of control.
- B. Even if the backup was limited to writing to four tape drives, eight channels could be specified to expedite the restore process.
- C. The internal Recovery Appliance backup and restore processing is optimized when the RMAN FILESPERSET parameter is set to 1 for the level 1 incremental backup set.
- D. When off-site long-term backup retention is needed, use Oracle Database Backup Cloud Service as a low-cost, offsite scalable storage for a disaster recovery solution.

Correct Answer: AD

According to the Oracle Exadata Database Machine documentation¹², two recommended configuration best practices for backup and recovery on Exadata are:

- A. Placing the backup network on dedicated switches installed in the top of the rack (ToR) has the benefits of isolating the backup network from other workloads and providing a greater level of control.
- D. When off-site long-term backup retention is needed, use Oracle Database Backup Cloud Service as a low-cost, offsite scalable storage for a disaster recovery solution.

**QUESTION 5**

You are updating your Exadata X9M-2 Elastic Database Machine with 6 database servers and 12 High Capacity Storage Servers. You will be using patchmgr to apply updates across the entire machine while still maintaining database availability.

Assuming you are driving patchmgr from an external server, which statement is true about the execution phase?

- A. patchmgr must be invoked with the --rolling argument. Each component type must be upgraded independently of the other.
- B. patchmgr cannot apply updates in a rolling manner, you must manually apply patches with the dbnodeupdate and cellupdate tools if high availability is required.
- C. patchmgr will apply patches in component groups consisting of 1 database server and 2 storage servers to minimize disruption.
- D. patchmgr must be invoked with the --rolling argument with all database and storage servers listed in a single input file.

Correct Answer: D

According to Oracle documentation¹², patchmgr is the utility used to update software for Exadata infrastructure components. It can apply patches in a rolling or non-rolling manner depending on the argument and input file provided.

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