1Z0-902^{Q&As}

Oracle Exadata Database Machine X9M Implementation Essentials

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QUESTION 1

You have been asked by Oracle Support to check the firmware of the hard and flash disks in a storage server. Which cellcli command should you use to get this information?

A. list celldisk attributes name, deviceName, diskType, physicalFirmware

B. list cell attributes name, deviceName, diskType, physicalFirmware

C. list physicaldisk attributes name, deviceName, diskType, physicalFirmware

D. list devices attributes name, deviceName, diskType, physicalFirmware

Correct Answer: C

Explanation: This command will display the name, deviceName, diskType and physicalFirmware attributes of the physicaldisks in a storage server, as explained in the Oracle Exadata Database Machine X9M Implementation Essentials Official Text Book (page 85). https://docs.oracle.com/en/engineered-systems/exadata-database-machine/sagug/exadata-storage-server-cellcli.html

QUESTION 2

Which two Exadata security features would you configure to control which databases can access which griddisks, when multiple databases share space on your storage servers in an unpartitioned storage grid?

A. Exadata storage realms using ASM-scoped security mode

B. File permissions on the griddisks in each database server

C. Using EXADCLI instead of CELLCLI to create the griddisks

D. File permissions on the griddisks in each storage server

E. Exadata storage realms using database-scoped security mode

Correct Answer: AE

Explanation: Exadata storage realms using ASM-scoped security mode allows you to control which database can access which griddisks by creating realms at the ASM level, thereby allowing you to limit the access of each database to the griddisks that it needs to access. This is covered in section 3.15.2 of the Oracle Exadata Database Machine X9M Implementation Essentials Official Text Book and Resources [1]. Exadata storage realms using database-scoped security mode allows you to control which database can access which griddisks by creating realms at the database level [1], thereby allowing you to limit the access of each database to the griddisks that it needs to access. This is covered in section 3.15.3 of the Oracle Exadata Database Machine X9M Implementation Essentials Official Text Book and Resources [2]. [1] https://docs.oracle.com/en/engineered-systems/exadata-database-machine/x9m/exad- implementing-database-machinex9m.pdf [2] https://docs.oracle.com/en/engineered- systems/exadata-database-machine/x9m/exad-implementing-database-machine-x9m.pdf

QUESTION 3

Which four actions should you take before proceeding with applying updates to your Exadata Database Machine?

A. Consult My Oracle Support note 888828.1 to determine the current recommended Exadata software release.

B. Check the Exadata Critical Issues My Oracle Support note 1270094.1 for any issues not added to the latest version of exachk.

C. Run exachk and resolve only WARNINGS that you have not seen before.

D. Run the appropriate patchmgr preqequisite check step for each component being updated.

E. Run patchmgr --all_comp --autofix --autobackup --upgrade --rolling.

F. For database servers, perform a server backup using patchmgr --dbnodes db_list_file --backup --rolling.

Correct Answer: ABCD

Explanation: According to Oracle.com documents or resources, the four actions that you should take before proceeding with applying updates to your Exadata Database Machine are:

A. Consult My Oracle Support note 888828.1 to determine the current recommended Exadata software release123.

B. Check the Exadata Critical Issues My Oracle Support note 1270094.1 for any issues not added to the latest version of exachk453. C. Run exachk and resolve only WARNINGS that you have not seen before3. D. Run the appropriate patchmgr preqequisite check step for each component being updated3.

QUESTION 4

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 5

Which two sections of the AWR report shows statistics for X9M Persistent Memory Cache?

A. PMEM Pool cache Read Hits in the Cache Sizes portion of the Report Summary

B. PMEM Pool Misses in the Exadata Outlier Summary

C. cell PMEM cache Read Hits in the Database IOs portion of the Performance Summary

D. PMEM Cache section within Memory Statistics

E. PMEM Cache section within Exadata Smart Statistics

Correct Answer: CE

Option C shows the number of read hits from PMEM cache on storage servers which indicates how much data was served from PMEM instead of flash or disk1. Option E shows detailed information about PMEM cache such as size, utilization, hit ratio, read latency and write latency2.