

DES-4121^{Q&As}

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QUESTION 1

A technician is sent-on-site to troubleshoot a server that reports errors during POST when rebooted. The following error message is displayed: "Correctable memory error rate exceeded for DIMM B4". The LCD is amber. The server has a limited maintenance window so the technician needs to troubleshoot efficiently.

What should the technician do?

- A. Swap DIMM with A4 to narrow down the issue
- B. Replace DIMM B4 as time is limited
- C. Swap DIMM B4 with B2
- D. Reseat all memory

Correct Answer: D

Reference <https://www.dell.com/community/PowerEdge-Hardware-General/PowerEdge-R720-memoryerror-limit-reached/td-p/4411799>

QUESTION 2

A server has two power supply units (PSUs) in a redundant configuration. One PSU fails. A technician replaces the failed PSU, but the server does not return to redundant power mode.

What is the cause of this issue?

- A. Power redundant option is disabled in the System Setup Utility.
- B. Server has not been power cycled to bring the new PSU online
- C. Both PSUs were not replaced at the same time
- D. New PSU has a different wattage than the existing PSU

Correct Answer: B

QUESTION 3

A server is equipped with 2 CPUs and 12x 8 GB DIMMs, for a total of 96 GB. The OS is not seeing all the memory. Which memory mode should be configured so that all memory is seen by the OS?

- A. Mirroring
- B. Advanced ECC
- C. Optimizer
- D. Sparing

Correct Answer: C

Reference <https://www.dell.com/support/article/pk/en/pkbsd1/sln155709/memory-modes-in-dualprocessor-11th-generation-powerededge-servers?lang=en#Sparing>

QUESTION 4

A user installed OME on a PowerEdge R640 server. OME has discovered and is currently monitoring another 30 remote PowerEdge 14G servers. Each server has the following configuration:

2x CPUs 384 GB RAM 6x 1TB drives in a RAID 6 virtual disk No hot spare drive PERC vFlash iDRAC9 Express license

At 9 PM on Monday evening, one of the remote servers has a disk failure but stays operational. The administrator monitoring OME does not find out about the issue until 5 PM in the following Friday. They place a support call to investigate why OME was not informed about the disk failure before then.

What is the reason for this issue not being reported to OME?

- A. Remote servers are not configured with OME as the trap destination address. OME discovered the issue during a routing status check which is configured to run at 5 PM every Friday.
- B. OME only updates its alert database at 5 PM every Friday.
- C. Remote servers are not configured with OME as the trap destination address. OME was informed of the issue when remote servers sent alerts at 5 PM Friday.
- D. Remote servers need to have the iDRAC Enterprise license installed to be able to send alerts.

Correct Answer: D

QUESTION 5

A technician is sent on-site to troubleshoot a server that produced an error message during the most recent POST but then completed the POST and booted to the operating system. The user cannot remember the specific error and no entry was made in the error log relating to this error.

How can the technician find out what the error message was?

- A. Access the Lifecycle Controller and view the last boot cycle video capture entry.
- B. Export the Server profile and analyze for any POST errors.
- C. Reload the BIOS firmware.
- D. Access the iDRAC and view the last boot cycle video capture entry

Correct Answer: D