

# DEA-41T1<sup>Q&As</sup>

Associate – PowerEdge

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### QUESTION 1

Refer to the exhibit.



Which server component is shown?

- A. rNDC
- B. bNDC
- C. PERC
- D. NVDIMM battery

Correct Answer: C

Reference: <https://www.dell.com/learn/us/en/04/campaigns/dell-raid-controllers>

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### QUESTION 2

What distinguishes server CPUs from client CPUs?

- A. Server CPUs have no overlocking features; client CPUs do have them
- B. Server CPUs use identical socket types, client CPUs use multiple socket types
- C. Server CPUs frequently have fewer cores and more processing power than client CPUs
- D. Servers tend to have fewer CPUs installed than clients

Correct Answer: A

Reference: <https://www.quora.com/How-can-you-describe-the-difference-between-server-CPU-and-desktop-CPU>

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### QUESTION 3

A General Purpose GPU (GPGPU) is commonly installed in Dell EMC PowerEdge servers. Which component does a GPGPU complement when processing tasks?

- A. iDRAC modules
- B. Memory
- C. Network Interface Cards
- D. CPU

Correct Answer: A

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### QUESTION 4

A server room has two power grids, A and B. PSU1 on each server is on grid A, and PSU2 is on grid B. Grid B has significantly lower load compared to grid A. What is the most likely cause of the unbalanced power load?

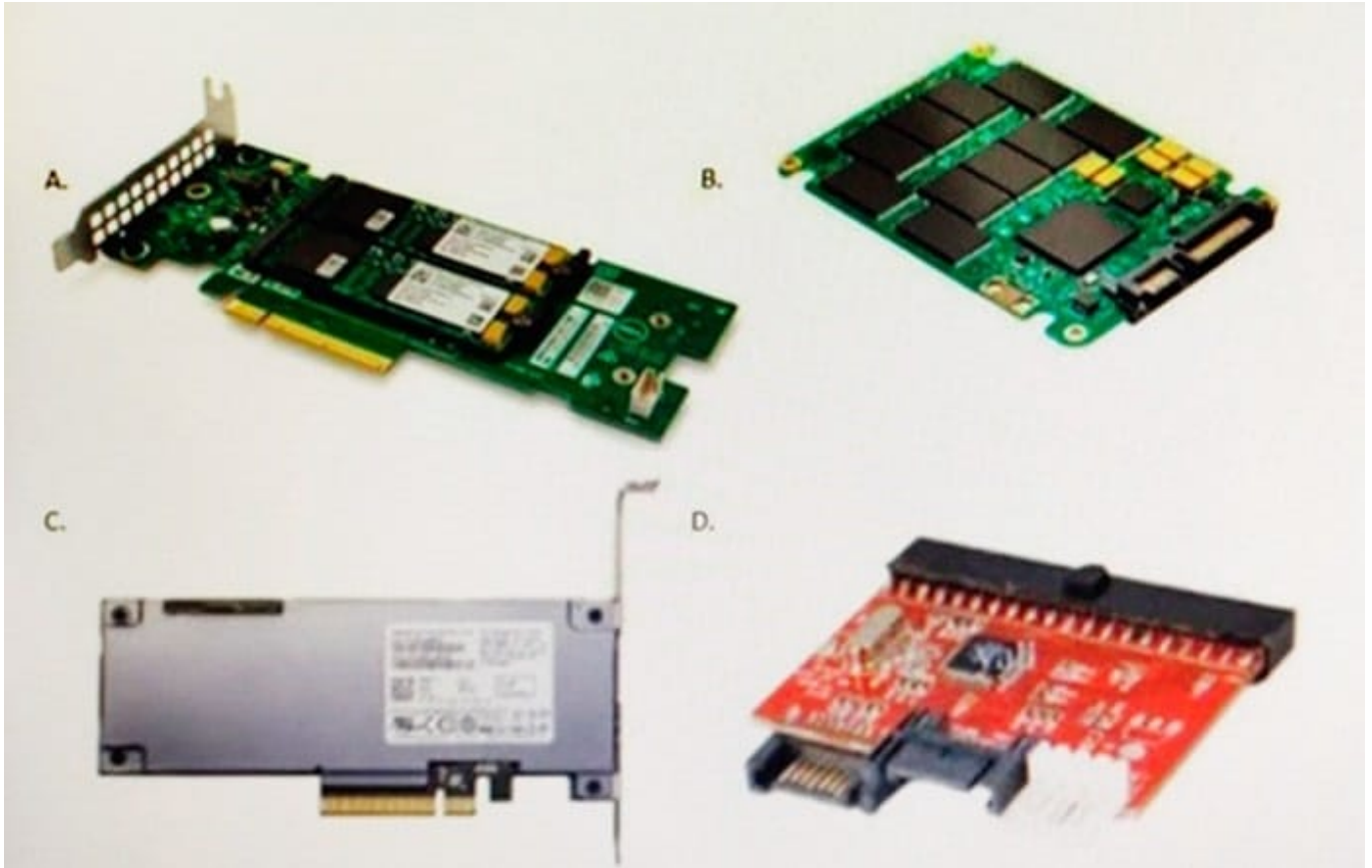
- A. PSU1 is a higher wattage power supply than PSU2
- B. Hot spare feature is enabled in power supply configuration
- C. PSU1 is always the primary power supply
- D. UPS and PDU are not installed to balance the load

Correct Answer: C

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### QUESTION 5

Based on the exhibit, which device is a Boot Optimized Storage Solution (BOSS) Controller?



A. Option A

B. Option B

C. Option D

D. Option C

Correct Answer: A

Reference: <https://vinfrastructure.it/2017/09/dell-boot-optimized-storage-solution-boss/>

### QUESTION 6

An administrative user sends a Word document as an attachment to their coworker using the email client. Which protocol is used to complete this transaction?

A. SMTP

B. SNMP

C. SFTP

D. SCTP

Correct Answer: A

#### QUESTION 7

What is a benefit of having an Uninterruptible Power Supply (UPS) attached to a server?

- A. Provides permanent power to a server, eliminating the need for a wall outlet.
- B. Keeps a server running during a long power outage
- C. Provides short-term protection to allow a server to be shut down gracefully.
- D. Replaces the need for power supplies in a server.

Correct Answer: B

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#### QUESTION 8

A system administrator is unable to install Hyper-V on a Microsoft Windows Server 2016. What is a possible reason for this issue?

- A. Virtualization feature turned on in BIOS
- B. System is equipped with a 64-bit processor
- C. System has 2 GB memory
- D. Standard license is installed

Correct Answer: A

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#### QUESTION 9

A system administrator wants to view the results of the Best Practices Analyzer (BPA) for their local server. Which Windows built-in tool can they use to accomplish this?

- A. Activity Monitor
- B. Server Manager-Local Server
- C. Resource Monitor
- D. Security Compliance Manager

Correct Answer: B

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#### QUESTION 10

Which RAID level is recommended for high speed data access and maximum storage capacity?

- A. RAID 0

- B. RAID 1
- C. RAID 5
- D. RAID 6

Correct Answer: C

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#### QUESTION 11

An administrator sets up an In-Band management method to monitor their Dell EMC PowerEdge servers. Which protocol uses In-Band management for basic communication and messaging?

- A. SNMP
- B. HTTP
- C. SMTP
- D. FTP

Correct Answer: A

Reference: <https://downloads.dell.com/manuals/common/dell-emc-sysmgmt-inband-outofband-idrac-and-ism-vs-omsa.pdf>

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#### QUESTION 12

A company is planning a physical security solution for its branches worldwide. Which danger are they trying to avoid?

- A. Buffer Overflow
- B. Ransomware
- C. Phishing
- D. Asset vandalism

Correct Answer: D

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#### QUESTION 13

A server is experiencing issues with completing POST. The environment does not have a KVM or "Crash cart" available to view where the system is halting.

Which method can an administrator use to determine the first place to start troubleshooting?

- A. Run OpenManage Essentials
- B. Check rear lights on the server chassis

- C. Run Repository manager
- D. Check iDRAC Post Code

Correct Answer: B

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#### QUESTION 14

Which error control technique is used by ECC memory?

- A. Repetition codes
- B. Hamming code
- C. Checksums
- D. Cryptographic hash functions

Correct Answer: B

Reference: [https://en.wikipedia.org/wiki/ECC\\_memory](https://en.wikipedia.org/wiki/ECC_memory)

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#### QUESTION 15

What occurs during the Data Wiping process?

- A. Destroys CDs and DVDs by pulverizing and cross-cut shredding
- B. Disposes sensitive data using file detection, disk formatting, and file encryption
- C. Temporarily removes data from a readwrite medium so that it can no longer be read
- D. Logically connects storage media to a bulk-wiping device

Correct Answer: B

Reference: <https://www.dell.com/support/article/pk/en/pkbsd1/sln300245/using-the-dell-bios-data-wipe-function-for-optiplex-precision-and-latitude-systems-built-after-november-2015?lang=en>

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