

# Dell EMC D-PE-FN-23

Dell Technologies PowerEdge Foundations 2023

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# Latest Version: 6.0

## Question: 1

What is a backup process?

Response:

- A. Copying files to a secondary site for preservation in case of equipment failure or other catastrophe.
- B. Capturing historical records used for future reference and is not actively used by the server.
- C. Moving data that is no longer actively used to a separate storage device, for long-term retention.
- D. Using server technologies data from one computer node to another.

**Answer: A**

## Question: 2

A system administrator wants to remove and replace their operating system installation with a newer version. The administrator is using a Dell EMC Rack server with an iDRAC set up correctly. Which tools are required to perform this operation?

Response:

- A. iDRAC, SupportAssist, and Virtual Console
- B. iDRAC, Virtual Console, and Virtual Media
- C. iSM, Repository Manager, and Virtual Console
- D. iDRAC, OMSA, and iSM

**Answer: B**

## Question: 3

An administrator receives simultaneous thermal alerts from multiple servers. What should be checked first?

Response:

- A. The utilization of the server CPU
- B. The computer room HVAC system
- C. The firmware versions of the servers
- D. The DHCP and DNS servers

**Answer: B**

### Question: 4

A system administrator recently hired by a company notices that the client systems are set with static IP addresses. The administrator wants the IP addresses automatically distributed to each computer.

Which server role is required to perform this task?

Response:

- A. Web Server
- B. DHCP
- C. DNS
- D. Active Directory

**Answer: B**

### Question: 5

Which type of replacement is required if a component contains a blue tab?

Response:

- A. Warm Swap
- B. Cold Swap
- C. Blind Swap
- D. Hot Swap

**Answer: B**

### Question: 6

On a Microsoft Windows Server 2016 with Hyper-V, what is a prerequisite to support the host and run virtual machines at the same time?

Response:

- A. Hypervisor joined to a cluster
- B. 4 GB of memory
- C. Host firewall disabled
- D. Dual CPU configuration

**Answer: B**

### Question: 7

Which RAID level introduces a new state called "partially degraded" when a single drive failure occurs?  
Response:

- A. RAID 0
- B. RAID 1
- C. RAID 5
- D. RAID 6

**Answer: D**

### Question: 8

How much raw capacity will be available when deploying a new server that contains six, 3 TB hard drives in a RAID 10 configuration?  
Response:

- A. 9 TB
- B. 12TB
- C. 15 TB
- D. 18 TB

**Answer: A**

### Question: 9

A data center technician is informed of a hardware problem on a server. The technician is requested to physically inspect the server without rebooting the operating system. Which troubleshooting step can the technician perform to diagnose the fault further?  
Response:

- A. Access the Lifecycle Controller
- B. Update the BIOS
- C. Perform a scan using OpenManage Essentials
- D. Review the LCD front panel display

**Answer: D**

### Question: 10

How can an administrator determine if a Dell EMC PowerEdge server component is hot-swappable?  
Response:

- A. Presence of an orange tab on the component
- B. Component is on the "HOT SWAP" list available from the LCD front panel
- C. Presence of a blue tab on the component
- D. Words "HOT SWAP" are printed on the assembly of the component

<b>Answer: A</b>
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