

D-PE-FN-01 Study Center & New D-PE-FN-01 Test Registration



If you want to choose passing EMC certification D-PE-FN-01 exam to make yourself have a more stable position in today's competitive IT area and the professional ability become more powerful, you must have a strong expertise. And passing EMC certification D-PE-FN-01 exam is not very simple. Perhaps passing EMC Certification D-PE-FN-01 Exam is a stepping stone to promote yourself in the IT area, but it doesn't need to spend a lot of time and effort to review the relevant knowledge, you can choose to use our Dumps4PDF product, a training tool prepared for the IT certification exams.

About the dynamic change of our D-PE-FN-01 guide quiz, they will send the updates to your mailbox according to the trend of the exam. Besides, we understand you may encounter many problems such as payment or downloading D-PE-FN-01 practice materials and so on, contact with us, we will be there. Our employees are diligent to deal with your need and willing to do their part 24/7. They always treat customers with courtesy and respect to satisfy your need on our D-PE-FN-01 Exam Dumps.

>> D-PE-FN-01 Study Center <<

New D-PE-FN-01 Test Registration, D-PE-FN-01 New Study Materials

The Dell PowerEdge Foundations v2 Exam (D-PE-FN-01) practice test software also shows changes and improvements done by the candidates on every step during the D-PE-FN-01 exam. So this reduces your chance of failure in the actual D-PE-FN-01 Exam. It requires no special plugins to function properly. So just start your journey with Dumps4PDF and prepare for the D-PE-FN-01 exam instantly.

EMC D-PE-FN-01 Exam Syllabus Topics:

Topic	Details

Topic 1	<ul style="list-style-type: none"> • Security: This section of the exam measures the skills of Server Support Engineers and emphasizes the security features embedded in Dell PowerEdge servers. It includes hardware-based protections such as Silicon Root of Trust, TPM 2.0, and Secure Boot. The section also covers iDRAC's role in automated security, data protection using Self-Encrypting Drives (SEDs), and access control measures like Multifactor Authentication (MFA) and Role-Based Access Control (RBAC).
Topic 2	<ul style="list-style-type: none"> • Server Networking and Connectivity: This section of the exam measures the skills of Data Center Technicians and focuses on the fundamentals of networking services as they relate to PowerEdge servers. It includes identifying network cables and connections, and comparing different onboard network options. This knowledge is essential for establishing and maintaining server connectivity within diverse infrastructure environments.
Topic 3	<ul style="list-style-type: none"> • Server Management: This section of the exam measures the skills of Server Support Engineers and addresses server management concepts, including in-band and out-of-band management. It compares Dell management utilities, explains BIOS vs. UEFI, and introduces at-the-box management. The section also explores iDRAC versions and the features of the Dell OpenManage System Administrator Suite (OMSA) to ensure engineers can monitor and manage PowerEdge servers effectively.
Topic 4	<ul style="list-style-type: none"> • Introduction to Servers: This section of the exam measures the skills of Data Center Technicians and covers foundational concepts related to server characteristics and key storage components in Dell PowerEdge servers. It includes identifying server generations, interpreting server nomenclature, and understanding the purpose of hardware elements such as HDDs, SSDs, RAID controllers, BOSS, and M.2 drives. The goal is to ensure a clear grasp of server internals and their role in performance and reliability.

EMC Dell PowerEdge Foundations v2 Exam Sample Questions (Q19-Q24):

NEW QUESTION # 19

A server has a PCIe 5.0 x1 lane. What is the theoretical bandwidth?

- **A. 3.94 GB/s**
- B. 0.98 GB/s
- C. 7.88 GB/s
- D. 1.97 GB/s

Answer: A

Explanation:

PCIe 5.0 offers a per-lane bandwidth of approximately 3.94 GB/s for an x1 lane. This is calculated based on PCIe 5.0's data rate of 32 GT/s, with each lane providing roughly 32 Gbps (4 GB/s) after accounting for encoding overhead (128b/130b). For an x1 lane, this results in 3.94 GB/s, making it the correct answer for PowerEdge server configurations leveraging PCIe 5.0 for high-speed connectivity. Other options reflect incorrect calculations or older PCIe versions. Exact extract: "Describe the Memory and Expansion cards...

Compare the on-board network on a PowerEdge Server." Reference: Dell PowerEdge Foundations v2 Exam Description (D-PE-FN-01), Topic: Server Architecture and Roles (22%).

NEW QUESTION # 20

An administrator must gracefully shut down an ESXi host. Which interfaces provide options for initiating this shutdown? Identify the interfaces from which an ESXi host shutdown can be initiated.

- A. Solely from the Direct Console User Interface (DCUI) of ESXi
- **B. CLI commands, Direct Console User Interface (DCUI), vSphere client and web client**
- C. Exclusively using CLI commands on the ESXi host
- D. Only through vSphere client and web client

Answer: B

Explanation:

Comprehensive and Detailed Explanation From Exact Extracts: Gracefully shutting down an ESXi host on a PowerEdge server can be performed through multiple interfaces: CLI commands (via SSH or console), the Direct Console User Interface (DCUI) for direct hardware access, and vSphere client or web client for remote management. This flexibility ensures administrators can choose the most convenient method for maintenance tasks. Exclusively using CLI or DCUI limits options, and vSphere-only access ignores direct methods. Exact extract: "Describe maintenance functions, shutdowns, reboots of a PowerEdge Server... Compare the PowerEdge Servers management applications, utilities, and licensing." Reference: Dell PowerEdge Foundations v2 Exam Description (D-PE-FN-01), Topic: Server Management (18%).

NEW QUESTION # 21

An administrator is tasked with updating firmware on several remote servers without interrupting the operating system. Which method should they use?

- A. Clone the OS configuration
- B. Implement OpenManage Enterprise
- C. Utilize iDRAC
- D. Set up System Setup

Answer: C

Explanation:

The Integrated Dell Remote Access Controller (iDRAC) allows administrators to update firmware on PowerEdge servers remotely without interrupting the operating system. iDRAC's out-of-band management enables firmware updates via its web interface or CLI, ensuring minimal disruption. OpenManage Enterprise requires additional software and is for broader management, System Setup requires local access and may interrupt operations, and cloning OS configuration is unrelated to firmware updates. iDRAC is the most efficient method for remote, non-disruptive updates. Exact extract: "Describe different methods of updating firmware and drivers in PowerEdge Servers... Compare the PowerEdge Servers management applications, utilities, and licensing." Reference: Dell PowerEdge Foundations v2 Exam Description (D-PE-FN-01), Topic: Maintenance (18%).

NEW QUESTION # 22

A film studio needs high-performance servers for video rendering tasks that demand significant computational power and efficiency per rack space. Which type of specialized module server would be most appropriate for maximizing rendering capabilities within a data center?

- A. Mainstream optimized modules balancing performance and cost for general use
- B. GPU-optimized modules for enhanced graphics processing and VDI
- C. Edge-optimized modules for remote deployment and minimum footprint
- D. Specialized modules with high compute performance and core density per rack

Answer: B

Explanation:

GPU-optimized modules in PowerEdge servers are designed for workloads like video rendering, which require significant computational power and graphical processing capabilities. These modules leverage GPUs to accelerate parallel tasks, maximizing rendering efficiency within limited rack space, ideal for a film studio's data center. Edge-optimized modules prioritize minimal footprint for remote deployment, mainstream modules balance general use, and high compute modules focus on core density, not graphics. GPU optimization directly supports rendering tasks. Exact extract: "Describe and position PowerEdge server solutions for File Sharing, High-Performance Computing (HPC), and Generative AI workloads... Explain how different PowerEdge server models are better suited for specific roles." Reference: Dell PowerEdge Foundations v2 Exam Description (D-PE-FN-01), Topic: Server Architecture and Roles (22%).

NEW QUESTION # 23

What network security component is typically deployed by an organization to protect an internal Local Area Network (LAN) from unauthorized external access and manage client access to the Internet?

- A. Install a cloud storage gateway for secure data transfer
- B. Implement a Network Interface Card for traffic filtering

- Answer: C**

A firewall is the primary network security component used to protect an internal LAN in PowerEdge server environments by controlling incoming and outgoing traffic, preventing unauthorized external access, and managing client Internet access. Network Interface Cards handle connectivity, not filtering; cloud storage gateways focus on data transfer; and Storage Resource Managers manage storage, not network security.

NEW QUESTION # 24

Dumps4PDF's EMC D-PE-FN-01 Exam Training materials is no other sites in the world can match. Of course, this is not only the problem of quality, it goes without saying that our quality is certainly the best. More important is that Dumps4PDF's exam training materials is applicable to all the IT exam. So the website of Dumps4PDF can get the attention of a lot of candidates. They believe and rely on us. It is also embodied the strength of our Dumps4PDF site. The strength of Dumps4PDF is embodied in it. Our exam training materials could make you not help recommend to your friends after you buy it. Because it's really a great help to you.

[illegible]