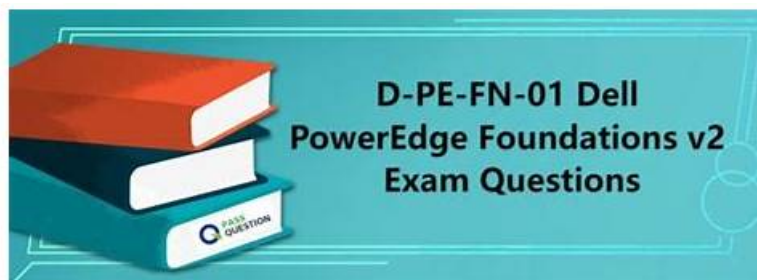


# Latest D-PE-FN-01 Exam Tips - Reliable Test D-PE-FN-01 Test



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

Topic	Details
Topic 1	<ul style="list-style-type: none"><li>• <b>Server Management:</b> 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.</li></ul>
Topic 2	<ul style="list-style-type: none"><li>• <b>Server Networking and Connectivity:</b> 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.</li></ul>
Topic 3	<ul style="list-style-type: none"><li>• <b>Maintenance:</b> This section of the exam measures the skills of Data Center Technicians and covers practical server maintenance procedures. Topics include handling memory and expansion cards, understanding power distribution, recognizing hardware fault indicators, and applying various firmware update methods. It also touches on thermal management through cooling techniques such as air, liquid, and immersion cooling, along with proper shutdown and reboot practices.</li></ul>
Topic 4	<ul style="list-style-type: none"><li>• <b>Server Architecture and Roles:</b> This section of the exam measures the skills of Server Support Engineers and focuses on understanding how various PowerEdge server types—like rack, tower, and blade servers—fit specific deployment needs. It covers interpreting server data flow, exploring storage topologies like DAS, NAS, and SAN, and understanding virtualization using hypervisors. The section also outlines how to position PowerEdge servers in edge, cloud, or core environments for use cases such as HPC, file sharing, or AI workloads.</li></ul>
Topic 5	<ul style="list-style-type: none"><li>• <b>Security:</b> 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).</li></ul>

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The bundle has an EMC D-PE-FN-01 exam questions and answers, desktop practice software, and web-based software. All the preparation products have been designed carefully with advice from hundreds of professional EMC certified experts. This EMC D-PE-FN-01 exam questions preparation material has everything to achieve success in the Dell PowerEdge Foundations v2 Exam exam on the first attempt. The unique features of Prep4King D-PE-FN-01 Preparation products have been noted. The D-PE-FN-01 pdf exam questions by Prep4King have the most realistic EMC D-PE-FN-01 exam questions. This D-PE-FN-01 pdf covers all the D-PE-FN-01 Exam Questions from the previous exam as well as the upcoming Dell PowerEdge Foundations v2 Exam exam. You don't need to consult different books for the EMC certification exam with the Prep4King.

### EMC Dell PowerEdge Foundations v2 Exam Sample Questions (Q33-Q38):

#### NEW QUESTION # 33

A telecommunications company is expanding its services to edge locations and requires servers that can handle full enterprise-level compute but fit in limited telecom spaces. Which feature of edge-optimized PowerEdge servers is most critical for deployment in telecommunications environments?

- A. Their specialized modules for high-density computing in controlled data centers
- B. Their GPU-optimized configurations for graphic-intensive applications
- **C. Their minimal footprint that is combined with full PowerEdge features and management**
- D. Their rugged design for withstanding extreme outdoor conditions

**Answer: C**

Explanation:

Edge-optimized PowerEdge servers are designed with a minimal footprint while retaining full enterprise-level compute capabilities and management features like iDRAC, making them ideal for telecommunications environments with limited space. GPU optimization is for graphics, not telecom; high-density modules suit data centers; and rugged designs are for extreme conditions, not typical telecom setups. Minimal footprint with full features is key. Exact extract: "Describe and position a PowerEdge server in a solution - Edge (ROBO), Cloud, Core, Use Case." Reference: Dell PowerEdge Foundations v2 Exam Description (D-PE-FN-01), Topic: Server Architecture and Roles (22%).

#### NEW QUESTION # 34

Which is a typical use case for a GPU optimized PowerEdge server?

- A. Over provisioning
- **B. VDI**
- C. Configuration Flexibility
- D. High performance

**Answer: B**

Explanation:

GPU-optimized PowerEdge servers are tailored for workloads requiring intensive graphical processing, such as Virtual Desktop Infrastructure (VDI), where multiple users access virtual desktops that demand high graphical performance for applications like design or video editing. GPUs accelerate parallel processing, making them ideal for VDI to ensure smooth user experiences. Configuration flexibility and over-provisioning are general server traits, while high performance is broad; VDI specifically benefits from GPU acceleration in PowerEdge setups. This use case positions GPU-optimized servers in solutions needing enhanced graphics capabilities within data centers. Exact extract: "Describe and position PowerEdge server solutions for File Sharing, High-Performance Computing (HPC), and Generative AI workloads... Explain Hypervisors and virtual machines... Describe and position a PowerEdge server in a solution - Edge (ROBO), Cloud, Core, Use Case." Reference: Dell PowerEdge Foundations v2 Exam Description (D-PE-FN-01), Topic: Server Architecture and Roles (22%).

#### NEW QUESTION # 35

An administrator sets up an In-Band management method to monitor Dell PowerEdge servers. Which In-Band and one-to-one software application can they use to monitor and manage the health of a server?

- **A. OMSA**
- B. OpenManage Enterprise
- C. OME-M
- D. iDRAC

**Answer: A**

#### NEW QUESTION # 36

An administrator must identify the hot-swappable PSUs for a system upgrade. What indicates the PSUs can be replaced safely without disrupting the functionality of the servers?

- **A. Orange tab embedded in the PSUs**
- B. Wattage label
- C. Blue tab embedded in the PSUs
- D. Green LED lights

**Answer: A**

#### NEW QUESTION # 37

An administrator attempts to log in to the iDRAC interface of a server using a web browser. The iDRAC prompts for a username and password. What security process is the iDRAC initiating by requesting these login credentials?

- A. Establish user authorization levels
- **B. Perform user authentication**
- C. Configure system lockdown mode
- D. Implement role-based access control

**Answer: B**

Explanation:

Comprehensive and Detailed Explanation From Exact Extracts: The iDRAC interface prompting for a username and password initiates user authentication, verifying the identity of the user attempting access to ensure only authorized personnel can manage the server. This is a fundamental security process in PowerEdge servers to protect against unauthorized access. Lockdown mode restricts changes, role-based access control assigns permissions post-authentication, and authorization levels follow verification. Authentication is the primary step here. Exact extract: "Describe the security features in PowerEdge servers... Explain the role of TPM and Secure Boot." Reference: Dell PowerEdge Foundations v2 Exam Description (D-PE-FN-01), Topic: Security (18%).

#### NEW QUESTION # 38

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