

Free D-PE-FN-01 Study Material & D-PE-FN-01 Latest Examprep



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

Topic	Details
Topic 1	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.
Topic 2	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 3	Server Architecture and Roles: 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.

Topic 4	• 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 5	• 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.

>> **Free D-PE-FN-01 Study Material** <<

Free PDF Authoritative D-PE-FN-01 - Free Dell PowerEdge Foundations v2 Exam Study Material

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EMC Dell PowerEdge Foundations v2 Exam Sample Questions (Q67-Q72):

NEW QUESTION # 67

Which open-source operating system is recommended as an alternative for file sharing, supporting NFS and Samba on Dell PowerEdge servers?

- A. SUSE Linux
- B. Red Hat Linux
- C. Kali Linux
- **D. Ubuntu**

Answer: D

Explanation:

Ubuntu is a recommended open-source operating system for PowerEdge servers, offering robust support for file sharing protocols like NFS and Samba, making it ideal for centralized storage solutions. Its ease of use and community support suit enterprise environments. Kali Linux focuses on security testing, while Red Hat and SUSE are less emphasized for this specific use case in Dell documentation. Exact extract: "Describe and position PowerEdge server solutions for File Sharing, High-Performance Computing (HPC), and Generative AI workloads." Reference: Dell PowerEdge Foundations v2 Exam Description (D-PE-FN-01), Topic: Introduction to Servers (28%).

NEW QUESTION # 68

Based on the exhibit, Grid Redundant Mode is selected on a Dell EMC PowerEdge server and the Hot Spare feature is disabled. How is the power output distributed in a dual-power supply configuration?



- A. Equally across both power supplies
- B. power supply 2 only provides output when power supply 1 reaches maximum capacity
- C. Only one power supply ever provides power
- D. Majority of the output is always provided by power supply 1

Answer: A

NEW QUESTION # 69

A system administrator needs to connect through a private network with more than 400 systems on the same broadcast domain. Which network class should be used to achieve this task?

- A. Class D
- B. Class C
- C. Class E
- D. Class B

Answer: D

NEW QUESTION # 70

Which RAID configuration requires the most disk overhead?

- A. RAID 5
- B. RAID 6
- C. RAID 50
- D. RAID 60

Answer: D

NEW QUESTION # 71

What is the most secure method of data erasure?

- A. Physically destroying the device
- B. Not using the "delete" command as it does not delete the data completely
- C. Sanitizing or wiping the device
- D. Reformatting the operating system

Answer: A

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