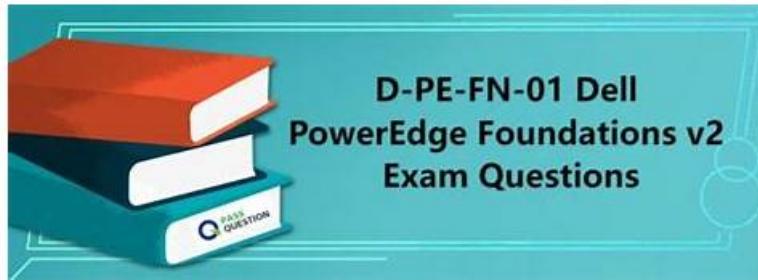


D-PE-FN-01 Exam Learning & Excellent Valid Test Tips to Help You Clear EMC Dell PowerEdge Foundations v2 Exam For Sure



P.S. Free & New D-PE-FN-01 dumps are available on Google Drive shared by ITdumpsfree: https://drive.google.com/open?id=173f3FB0Hh99rTqa9mB5JOqW_i_EJ-5Lp

Our web-based practice exam software is an online version of the EMC D-PE-FN-01 practice test. It is also quite useful for instances when you have internet access and spare time for study. To study and pass the certification exam on the first attempt, our EMC D-PE-FN-01 Practice Test software is your best option. You will go through EMC D-PE-FN-01 exams and will see for yourself the difference in your preparation.

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

| Topic | Details |
|---------|---|
| Topic 1 | <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 2 | <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 3 | <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 4 | <ul style="list-style-type: none">Maintenance: 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. |
| Topic 5 | <ul style="list-style-type: none">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. |

Valid Test D-PE-FN-01 Tips & Latest D-PE-FN-01 Exam Guide

With the rapid development of society, people pay more and more attention to knowledge and skills. So every year a large number of people take D-PE-FN-01 tests to prove their abilities. But even the best people fail sometimes. In addition to the lack of effort, may also not make the right choice. A good choice can make one work twice the result with half the effort, and our D-PE-FN-01 Study Materials will be your right choice.

EMC Dell PowerEdge Foundations v2 Exam Sample Questions (Q16-Q21):

NEW QUESTION # 16

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

Answer: D

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 # 17

A system administrator must access the iDRAC user interface of a Dell PowerEdge 16G server for the first time. What type of password is used by default to log in to the iDRAC UI on PowerEdge 16G servers, enhancing initial security?

- A. **Employ a factory-generated password found on the Service Tag**
- B. Use the legacy default "root" and "calvin" credentials
- C. Utilize a user-defined password set during server setup
- D. Enter a blank password for the initial iDRAC UI login

Answer: A

Explanation:

Comprehensive and Detailed Explanation From Exact Extracts: PowerEdge 16G servers use a factory-generated password for the initial iDRAC UI login, found on the server's Service Tag, enhancing security by avoiding predictable defaults like "root" and "calvin." This unique password ensures secure initial access, unlike blank or user-defined passwords set later. This aligns with modern security practices in PowerEdge servers. Exact extract: "Describe the security features in PowerEdge servers... Compare the PowerEdge Servers management applications, utilities, and licensing." Reference: Dell PowerEdge Foundations v2 Exam Description (D-PE-FN-01), Topic: Security (18%).

NEW QUESTION # 18

What are the key characteristics of a Shielded Twisted Pair (STP) Ethernet cable compared to Unshielded Twisted Pair (UTP)?

- A. **Less susceptible to noise and higher costs**
- B. Less susceptible to noise and similar costs
- C. Similar noise susceptibility and similar costs
- D. More susceptible to noise and lower costs

Answer: A

Explanation:

Shielded Twisted Pair (STP) cables include an additional shielding layer that protects against electromagnetic interference (EMI) and noise, making them less susceptible to signal degradation in noisy environments compared to Unshielded Twisted Pair (UTP) cables. However, this shielding increases manufacturing costs, making STP more expensive. UTP is cheaper and sufficient for most standard networking but prone to noise in industrial settings. Similar costs or susceptibility do not apply, as STP's design explicitly addresses noise at a higher price point. This is crucial for server networking where reliable connectivity is essential. Exact extract: "Which techniques are used in STP network cables to enhance the signal quality? B. Shielding, wire twisting, and cancellation... Describe the cables and connections... Compare the on-board network on a PowerEdge Server." Reference: Dell PowerEdge Foundations v2 Exam Description (D-PE-FN-01), Topic: Server Networking and Connectivity (6%).

NEW QUESTION # 19

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

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

Answer: B

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 # 20

Where is the certificate used by SVC signed?

- A. In the Dell factory
- B. In the system's CMOS battery
- C. In the operating system registry
- D. In the server BIOS during boot

Answer: A

Explanation:

The Secure Vault Component (SVC) certificate in PowerEdge servers is signed at the Dell factory during manufacturing to ensure hardware authenticity and security. This process embeds a trusted certificate for secure operations, not in the CMOS, OS registry, or BIOS at boot, which are not used for SVC signing.

Factory signing ensures a secure supply chain and component verification, critical for server security. 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 # 21

.....

Our D-PE-FN-01 study braindumps are so popular in the market and among the candidates that is because that not only our D-PE-FN-01 learning guide has high quality, but also our D-PE-FN-01 practice quiz is priced reasonably, so we do not overcharge you at all. Meanwhile, our exam materials are demonstrably high effective to help you get the essence of the knowledge which was

convoluted. As long as you study with our D-PE-FN-01 Exam Questions for 20 to 30 hours, you will pass the exam for sure.

Valid Test D-PE-FN-01 Tips: <https://www.itdumpsfree.com/D-PE-FN-01-exam-passed.html>

DOWNLOAD the newest ITdumpsfree D-PE-FN-01 PDF dumps from Cloud Storage for free: https://drive.google.com/open?id=173f3FB0Hh99rTqa9mB5JQqW_iEJ-5Lp