



DELL TECHNOLOGIES D-PE-FN-01

**Dell Technologies PowerEdge Foundations Certification
Questions & Answers**

Exam Summary – Syllabus –Questions

D-PE-FN-01

[Dell Technologies Certified PowerEdge Foundations V2](#)

42 Questions Exam – 63% Cut Score – Duration of 90 minutes

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Know Your D-PE-FN-01 Certification Well:

The D-PE-FN-01 is best suitable for candidates who want to gain knowledge in the Dell Technologies Server. Before you start your D-PE-FN-01 preparation you may struggle to get all the crucial PowerEdge Foundations materials like D-PE-FN-01 syllabus, sample questions, study guide.

But don't worry the D-PE-FN-01 PDF is here to help you prepare in a stress-free manner.

The PDF is a combination of all your queries like-

- What is in the D-PE-FN-01 syllabus?
- How many questions are there in the D-PE-FN-01 exam?
- Which Practice test would help me to pass the D-PE-FN-01 exam at the first attempt?

Passing the D-PE-FN-01 exam makes you Dell Technologies Certified PowerEdge Foundations V2. Having the PowerEdge Foundations certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

Dell Technologies D-PE-FN-01 PowerEdge Foundations Certification Details:

Exam Name	Dell Technologies Certified PowerEdge Foundations V2
Exam Code	D-PE-FN-01
Exam Price	\$230 (USD)
Duration	90 mins
Number of Questions	42
Passing Score	63%
Books / Training	PowerEdge Foundations Training
Schedule Exam	Pearson VUE
Sample Questions	Dell Technologies PowerEdge Foundations Sample Questions
Practice Exam	Dell Technologies D-PE-FN-01 Certification Practice Exam

D-PE-FN-01 Syllabus:

Topic	Details	Weights
Introduction to Servers	<ul style="list-style-type: none"> - Define the characteristics of a server - Explain the function of various storage components commonly found in Dell PowerEdge servers, such as Hard Disk Drives (HDDs), Solid State Drives (SSDs), RAID controllers, BOSS and M.2, and storage enclosures. - Describe the PowerEdge Server generations and series - Identify a PowerEdge Server using its nomenclature - Describe the components inside a PowerEdge Server - Define the key storage components found in Dell PowerEdge servers, including Hard Disk Drives (HDDs), Solid State Drives (SSDs), RAID controllers (PERC), and backplanes. 	28%
Server Architecture and Roles	<ul style="list-style-type: none"> - Explain how different PowerEdge server models (e.g., rack servers, tower servers, blade servers) are better suited for specific roles. - Interpret data flow through a server - Compare and contrast different storage topologies relevant to Dell PowerEdge servers: Direct Attached Storage (DAS), Network Attached Storage (NAS), and Storage Area Networks (SAN). - Explain Hypervisors and virtual machines - Describe and position a PowerEdge server in a solution - Edge (ROBO), Cloud, Core, Use Case - Describe and position PowerEdge server solutions for File Sharing, High-Performance Computing (HPC), and Generative AI workloads. 	22%
Server Management	<ul style="list-style-type: none"> - Explain the concepts of in-band and out-of-band management in the context of PowerEdge servers - Compare the PowerEdge Servers 	14%

Topic	Details	Weights
	management applications, utilities, and licensing - Differentiate between the traditional BIOS and the Unified Extensible Firmware Interface (UEFI) boot processes on Dell PowerEdge servers - Explain the concept of at-the-box management for Dell PowerEdge servers - Discuss iDRAC, its features, and different versions (Basic, Express, Enterprise, and Data Center) - Describe Dell OpenManage System Administrator Suite (OMSA)	
Server Networking and Connectivity	- Define the types of network services - Describe the cables and connections - Compare the on-board network on a PowerEdge Server	6%
Maintenance	- Describe the Memory and Expansion cards - Explain the power distribution considerations - Explain the hardware fault indicators in PowerEdge Servers - Describe different methods of updating firmware and drivers in PowerEdge Servers - Explain the cooling and thermal considerations in PowerEdge Servers (Direct Liquid Cooling, Immersion Cooling, Air Cooling)" - Describe maintenance functions, shutdowns, reboots of a PowerEdge Server	18%
Security	- Explain the security features of PowerEdge Servers - Explain Hardware-enforced Security in PowerEdge Servers (Silicon Root of Trust (RoT), Secure Boot, Trusted Platform Module (TPM) 2.0, System Lockdown Mode, Hardware Intrusion Detection, Automated BIOS and OS Recovery) - Describe the role of iDRAC in automated security management in a PowerEdge Server - Discuss data protection in PowerEdge Servers (SEDs)	12%

Topic	Details	Weights
	<ul style="list-style-type: none"> - Discuss features like Multifactor Authentication (MFA) and Role-Based Access - Control (RBAC) restrict access to server management tools 	

Dell Technologies D-PE-FN-01 Sample Questions:

Question: 1

Based on Dell EMC best practices, what is a Network map?

- a) Report of all drivers, applications, and firmware associated with each server
- b) Guide to where hardware is located, and which connections are part of it
- c) List of all hardware in the network, including software and licenses
- d) Library of all logs being gathered from each individual server
- e) Library of all logs being gathered from each individual server

Answer: b

Question: 2

Which use case is Dell EMC OpenManage Server Administrator recommended for installation?

- a) Comprehensive, one-to-one systems management solution for remote or local servers
- b) Management console for one-to-many monitoring of Dell EMC infrastructure
- c) Management and integration of firmware updates across an entire environment
- d) Operation of hardware while iDRAC is non-functional

Answer: a

Question: 3

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

- a) RAID 0
- b) RAID 1
- c) RAID 5
- d) RAID 6

Answer: d

Question: 4

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?

- 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: 5

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

- a) 9 TB
- b) 12 TB
- c) 15 TB
- d) 18 TB

Answer: a

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?

- a) Hypervisor joined to a cluster
- b) 4 GB of memory
- c) Host firewall disabled
- d) Dual CPU configuration

Answer: b

Question: 7

A hospital wants to implement hardware security on one of their web servers. Which implementation meets this requirement?

- a) DHCP service
- b) Digital signing
- c) TPM
- d) DNS role

Answer: c

Question: 8

Which storage infrastructure is described for a setup involving an iSCSI storage array directly connected to a server, accessed by clients over a local network?

- a) LAN
- b) NAS
- c) DAS
- d) SAN

Answer: d

Question: 9

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

- 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

Answer: a

Question: 10

What is an example of a data archive?

- a) Data of internal business policies and procedures
- b) Data that is corrupted, changed or logged incorrectly
- c) Current and critical production data that resides in a server's primary storage
- d) File and mail account data for a user that left an organization one month ago

Answer: d

Study Guide to Crack Dell Technologies PowerEdge FoundationsD-PE-FN-01Exam:

- Getting details of the D-PE-FN-01syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the D-PE-FN-01exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Dell Technologies provided training for D-PE-FN-01exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the D-PE-FN-01sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on D-PE-FN-01practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for D-PE-FN-01Certification

Make EduSum.com your best friend during your Dell Technologies PowerEdge Foundations v2 exam preparation. We provide authentic practice tests for the D-PE-FN-01exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual D-PE-FN-01exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the D-PE-FN-01exam.

Start Online practice of D-PE-FN-01Exam by visiting URL

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