Dell D-PE-FN-01 Practice Questions

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Question 1

Question Type: MultipleChoice

An engineer must locate the latest Dell Update Package for a specific PowerEdge server model running Windows Server 2022. Which initial step should the engineer take to begin this process?

Options:

A- Access the iDRAC interface of the server and navigate to the update section.
B- Contact Dell support to request the specific update package.
C- Open the Dell Support website and go to the 'Drivers & Downloads' page.
D- Utilize OpenManage Enterprise to search for available updates for the server.

Answer:

C

Question 2

Question Type: MultipleChoice

A technician is verifying the throughput of SAS drives connected to a PERC 10 controller. What is the maximum data transfer rate achievable when using SAS 3.0 compliant drives with a PERC 10 controller?

Options:

A- 3Gb/sec
B- 22.5Gb/sec
C- 12Gb/sec
D- 6Gb/sec

Answer:

C

Question 3

Question Type: MultipleChoice

Which sequence of components represents an initial segment of a typical flow of data (I/O) in a PowerEdge 670 server from input to data being temporarily stored for active use?

Options:

A- CPUs -> Memory Module -> NIC
B- LAN -> Disk Drive -> Memory Module
C- LAN -> NIC -> Memory Module
D- NIC -> CPUs -> Disk Drive

Answer:

C

Question 4

Question Type: MultipleChoice

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?

Options:

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

Answer:

D

Question 5

Question Type: MultipleChoice

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?

Options:

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

Answer:

C

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Question 6

Question Type: MultipleChoice

An organization is concerned about the privacy and security of sensitive data and is hesitant to store it on third-party servers. What potential disadvantage of Cloud Storage Solutions should this organization be most aware of regarding data security and privacy?

Options:

A- Dependence on a stable Internet connection
B- Potential security concerns that relate to data privacy
C- Limited scalability to adjust storage capacity
D- Higher initial hardware and management costs compared to on-premises solutions

P2P exams

Answer:

B

Question 7

Question Type: MultipleChoice

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

Options:

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

Answer:

C

Question 8

Question Type: MultipleChoice

A financial institution is upgrading its data center to support mission-critical applications that demand robust computing, high availability, and scalability. Which of the described PowerEdge server characteristics is most crucial for supporting mission-critical applications in a demanding business environment?

Options:

A- Robust computing solutions meeting business priorities like performance and scalability
B- Space-optimization for maximizing data center footprint efficiency
C- Quiet, non-disruptive acoustics for comfortable office deployments
D- Affordability and cost-effectiveness for budget-sensitive operations

Answer:

A

Question 9

Question Type: MultipleChoice

What type of user accounts can administrators create in iDRAC?

Options:

A- Unlimited external users
B- Only one administrator account
C- Up to 16 local iDRAC users

D- Up to two guest accounts

Answer:

C

Question 10

Question Type: MultipleChoice

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

Options:

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

Answer:

C

Question 11

Question Type: MultipleChoice

What benefit does Quick Sync provide regarding server management access?

Options:

A- Enable remote server access using a dedicated network connection
B- Provide advanced BIOS configuration options without server restart
C- Eliminate the need for server physical reboot during management
D- Allow server management without a front bezel or management console

Answer:

D

Question 12

Question Type: MultipleChoice

In ECC memory, how many extra bits are used for every 64-bit value to facilitate single-bit error correction, based on Hamming code?

Options:

A- ECC uses 4 extra bits for every 64-bit value for correction.
B- ECC adds 32 error correction bits per 64-bit data segment.
C- ECC employs 8 additional bits for every 64-bit value.
D- ECC uses 16 parity bits for every 64-bit data value.

Answer:

C

Question 13

Question Type: MultipleChoice

Which PSU LED functionality is identical to all generations of servers?

Options:

A- Alternately blinking amber light and white light.
B- LED pause blinking for 1 to 9 times when the LED light is a white color.
C- LED blinking 1 to 9 times when the LED light is an amber color.
D- LED blinking in a 4 Hz interval during a firmware update until the process is complete.

Answer:

D

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