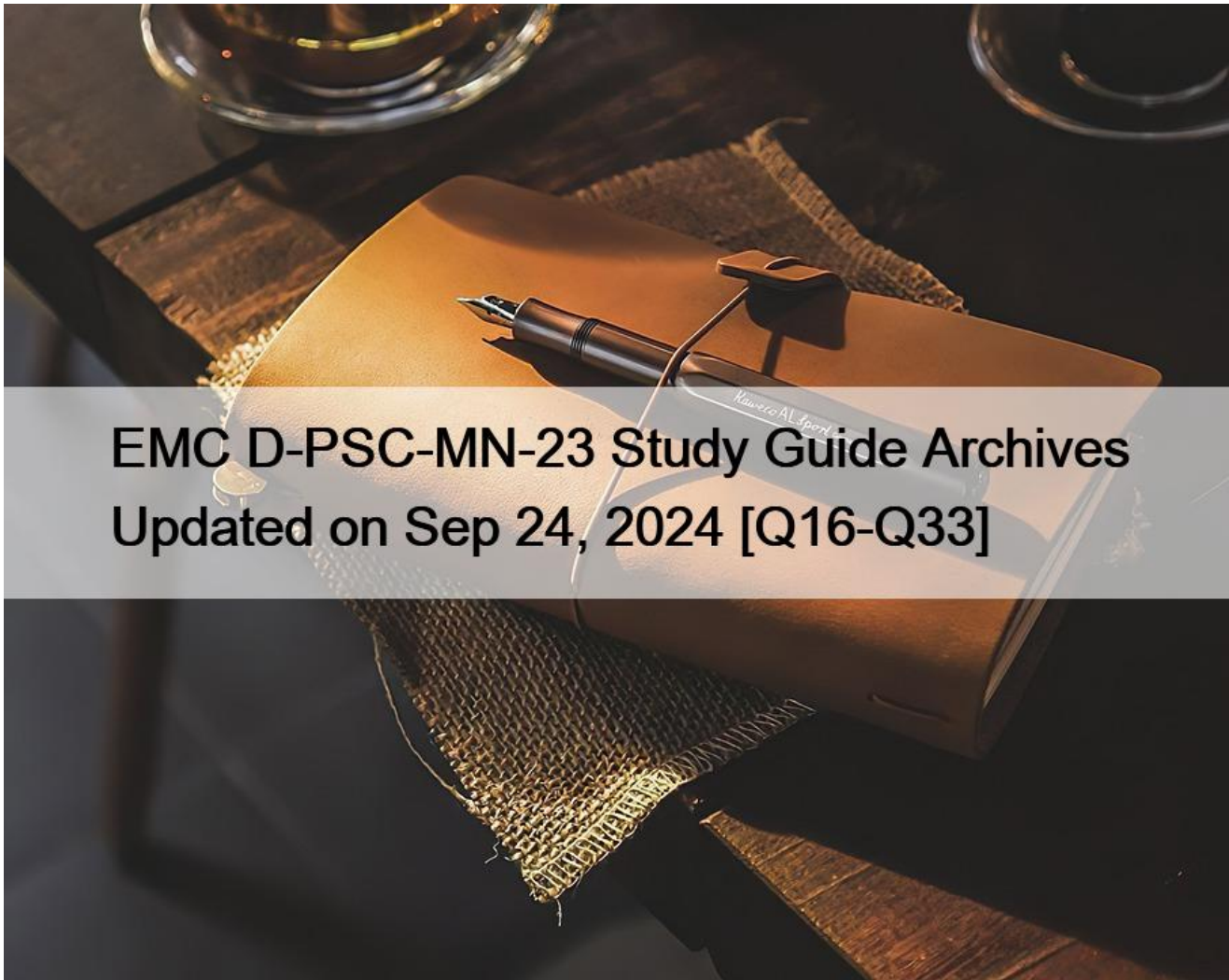# EMC D-PSC-MN-23 Study Guide Archives Updated on Sep 24, 2024 [Q16-Q33

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NEW QUESTION 16

What phrase describes A-Series nodes?
* Designed for data archival purposes and can be combined with new or existing all-flash and hybrid storage systems
* Hybrid storage platforms that are highly flexible and provide support for a broad range of enterprise file workloads
* All-flash arrays for ultra compute and high-capacity requirements that can accomplish 250-300k protocol operations per chassis
* All-flash, versatile, hybrid platforms ideal for organizations that support a broad range of data archives on a single platform

NEW QUESTION 17

Which Dell online service platform is used to access trusted, best-practice, guided instructions for common service tasks such as product installations, upgrades, and troubleshooting?
* MyService360
* TechDirect

* SolVe
* SupportAssist

NEW QUESTION 18

When reimaging a node in the context of PowerScale, what is the primary goal?
* To update the node’s BIOS settings
* To restore the node’s original factory settings
* To install a new operating system version
* To ensure the node’s firmware is up to date

NEW QUESTION 19

In the context of PowerScale, what is the significance of monitoring FRU status?
* To plan for capacity expansion
* To maintain hardware inventory accuracy
* To preemptively identify potential hardware failures
* To track software version compatibility

NEW QUESTION 20

After a node is serviced and ready for operation, which steps are crucial to reintegrate it into the cluster? (Select two)
* Synchronizing the node’s clock with the cluster
* Ensuring the node’s firmware is up to date
* Configuring the node’s network settings
* Assigning the node to the correct IP pool

NEW QUESTION 21

What is the role of the SolVe tool in PowerScale installations?
* It provides interactive installation guides.
* It monitors the installation process.
* It verifies network configurations.
* It assists in hardware diagnostics.

NEW QUESTION 22

An organization plans to add H600 nodes to a Dell PowerScale cluster. The machine room is only equipped with 120V power supplies.

What is a consideration for the platform engineer?
* In this environment, each chassis can accommodate only two nodes.
* H600 nodes can operate normally in this environment.
* Additional space is required for transformers in this environment.
* Generation 6 PowerScale nodes require high-line power.

NEW QUESTION 23

What is the best practice for managing versioning and patches in a PowerScale cluster?
* Regularly reviewing available updates for compatibility

* Applying patches during off-peak hours to minimize impact
* Testing updates in a non-production environment
* Maintaining a consistent patch level across all nodes

NEW QUESTION 24

Which of the following are critical steps when replacing a PowerScale node’s motherboard? (Select two)
* Updating the node’s firmware to the latest version
* Configuring the BIOS settings according to cluster requirements
* Performing a full system backup
* Verifying network port configurations

NEW QUESTION 25

What connectivity tests performed after the initial configuration of a Dell PowerScale cluster?
* Client, NFS, ping, and WinSCP
* WinSCP, DNS, ping, and SSH
* SSH, PuTTy, ping, and HTTP
* WebUI, HTTPS, DNS, and Client

NEW QUESTION 26

A platform engineer is unable to join a Dell PowerScale node to an existing SmartLock compliance mode cluster.

What is the reason for this issue?
* Node was not rebooted into compliance mode before trying to join.
* OneFS version of the existing cluster is 6.
* Node is an F-series node, which is not compatible with compliance mode.
* Node is a Gen 6 node, which is not compatible with compliance mode.

NEW QUESTION 27

Which tools are used for managing a PowerScale cluster? (Select two)
* WebUI
* SNMP Manager
* CLI
* PAPI

NEW QUESTION 28

What are the essential phases in the PowerScale installation process?
* Planning and sizing
* Networking and configuration
* Data migration
* Validation and testing

NEW QUESTION 29

What does the process of smartfailing a node involve?
* Temporarily removing the node from service

* Physically replacing the node hardware
* Transferring data to other nodes in the cluster
* Updating the cluster configuration database

NEW QUESTION 30

Which components are considered key Field Replaceable Units (FRUs) in PowerScale nodes?

(Select two)
* Hard drives
* Power supplies
* Cooling fans
* Network cards

NEW QUESTION 31

Which tools are indispensable for maintaining compliance within a PowerScale cluster? (Select two)
* File system auditing tools
* Configuration management databases
* Automated policy enforcement engines
* Network traffic analyzers

NEW QUESTION 32

Before a PowerScale node can be put into operation after maintenance, what is an essential task?
* Performing a full system backup
* Running a system health check
* Restoring user data
* Updating the node’s firmware

NEW QUESTION 33

What is the importance of documenting the cabling layout in a PowerScale environment?
* It facilitates future upgrades and maintenance.
* It helps in identifying and resolving connectivity issues.
* It ensures compliance with data center standards.
* It aids in the optimization of data transfer speeds.

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