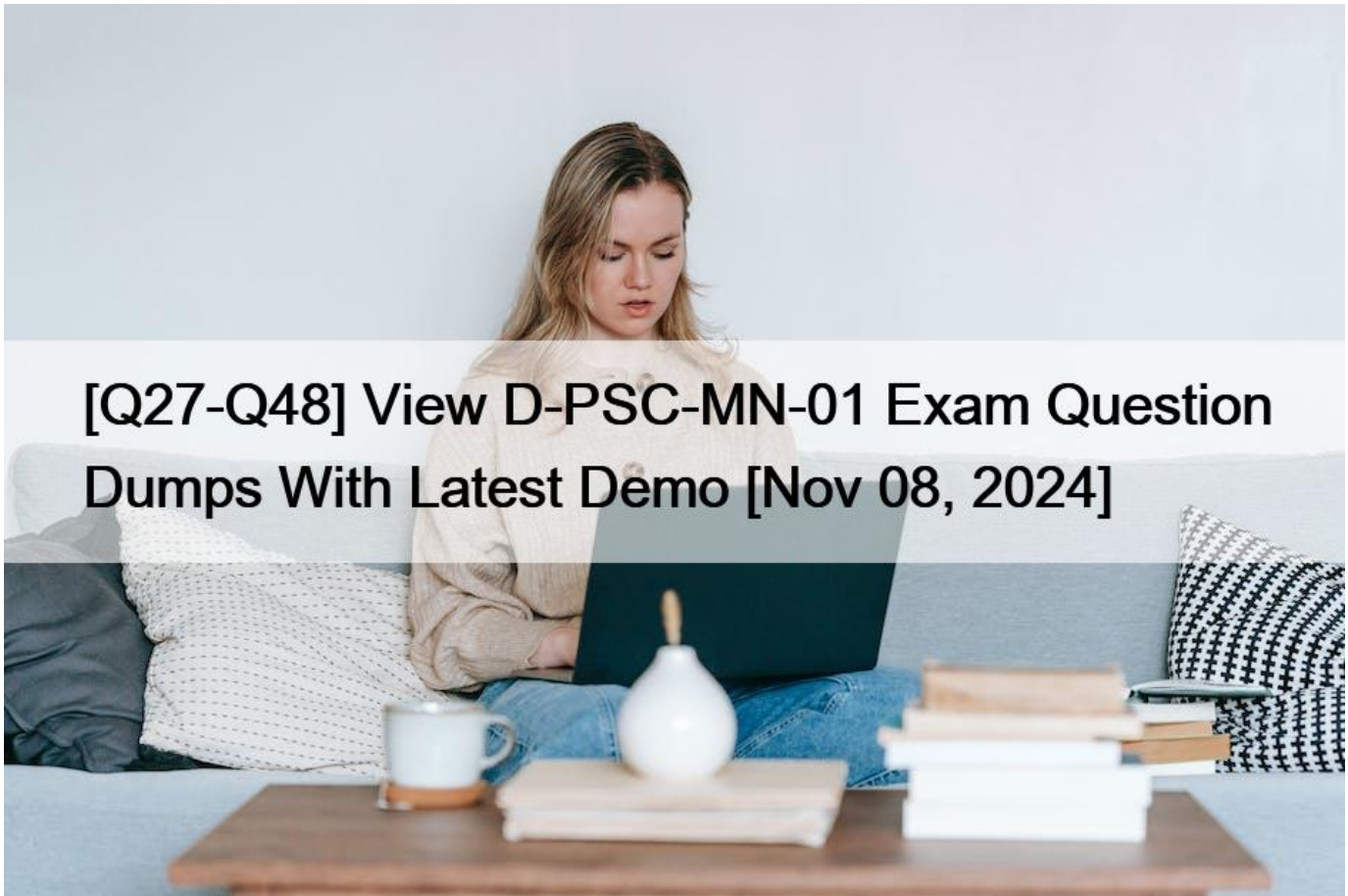


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NO.27 A customer has a Dell PowerScale Gen 6 cluster that is using an Ethernet backend. They have Gen 5 nodes and cables from a previous installation. A PowerScale platform engineer is on site. The customer asks the engineer if they can repurpose the Gen 5 equipment on their Gen 6 cluster.

What should the engineer advise the customer?

- * Gen 5 nodes cannot be joined to a cluster with Gen 6 nodes running an Ethernet backend
- * Order new cables with the right connectors
- * Daisy chain the Gen 5 backend by InfiniBand cables, then plug them directly to the Gen 6 primary node
- * An InfiniBand switch must be paired with the Gen 6 back-end Ethernet switches to allow the Gen 5 nodes to join

NO.28 Which aspect is crucial when cabling nodes in a PowerScale installation?

- * Using color-coded cables for easy identification
- * Ensuring cables are of the minimum required length
- * Verifying cable integrity with testing tools

- * Documenting the cabling layout

NO.29 What is the recommended way to install a Dell PowerScale Gen 6 compute module in a chassis?

- * Support the node with both hands and slide it into the node bay.
- * Slide the release lever to the right and guide the node into the chassis.
- * Close the module lever and slide the module into the chassis until it clicks.
- * Loosen the thumbscrew on the release lever then slide the compute module into the chassis.

NO.30 Which interface can the customer use to automate the retrieval of the most detailed network traffic statistics?

- * InsightIQ
- * Web graphical interface
- * OneFS API
- * OneFS command line

NO.31 What is the recommended action if a PowerScale node reports inconsistent data?

- * Isolate the node immediately and perform a data integrity scan
- * Reboot the node to clear any temporary issues
- * Remove the node from the cluster and replace it
- * Run a synchronization process with other nodes

NO.32 What is the impact of network misconfiguration on a PowerScale cluster?

- * Reduced data transfer speeds
- * Increased risk of data corruption
- * Inability to perform node maintenance
- * Loss of cluster quorum

NO.33 During a PowerScale cluster expansion, what factors must be considered to maintain balance?

- * Network throughput and latency
- * Storage and compute node ratios
- * Data distribution and redundancy settings
- * Power and cooling requirements

NO.34 In the context of PowerScale, what are critical steps in the rack installation process?

- * Determining the rack's load capacity
- * Securing the rack to the floor
- * Aligning the rack for optimal airflow
- * Ensuring compatibility with PowerScale node dimensions

NO.35 Which of the following features are associated with PowerScale Gen 6.5 nodes? (Select two)

- * Enhanced data deduplication
- * Improved flash technology
- * Advanced thermal design
- * Increased node capacity

NO.36 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

NO.37 What is a key step when connecting nodes to the data center's power supply during a PowerScale installation?

- * Using power cables of the shortest possible length to reduce resistance
- * Ensuring each node is connected to a different circuit breaker
- * Implementing power redundancy for each node
- * Labeling power cables according to the nodes they supply

NO.38 How does the Serial Console differ from the WebUI in managing PowerScale clusters?

- * It provides a text-based interface.
- * It requires physical access to the node.
- * It offers a more detailed system view.
- * Both A and B

NO.39 Which of the following considerations is crucial when planning the installation of a PowerScale cluster?

- * Ensuring sufficient cooling in the data center
- * Planning for future expansion
- * Securing adequate power supply
- * All of the above

NO.40 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

NO.41 A platform engineer needs to power down a Dell PowerScale node to perform an FRU replacement.

Which command should they run first before making the replacement?

- * `isi_celog_monitor -a`
- * `isi_gather_info`
- * `isi healthcheck`
- * `isi_hwmon -s`

NO.42 The Serial Console is used in PowerScale environments primarily for what purpose?

- * To execute file system commands
- * For initial setup and configuration
- * To monitor real-time network traffic
- * For remote cluster management

NO.43 A Dell PowerScale platform engineer has executed the shutdown command on a three-node cluster.

The shutdown sequence displays an error and appears unresponsive.

How should the platform engineer address this issue?

- * Remove power cables separately, waiting at least five seconds between removing each of them.
- * Hold the power button down until the node completes shutdown.
- * Contact Dell Technical Support for assistance.
- * Execute a hardware shutdown by pressing the power button three times within five seconds.

NO.44 Which Dell PowerScale interface is the simplest to use for customers?

- * OneFS command line

- * Platform application interface
- * Serial console
- * Web administration interface

NO.45 When setting up internal networking for a PowerScale cluster, what is a crucial requirement?

- * Public IP addresses for all nodes
- * Private interconnects between nodes
- * Unrestricted internet access
- * Serial connection between nodes

NO.46 How can an administrator verify that a node is successfully shut down?

- * Verify the LEDs on the front panel are not lit.
- * Execute the `isi status -q` command and see that the node is in a `D` status.
- * Execute the `isi status -q` command and see that the node is in an `A` status.
- * Try to access a share on the node and verify the share is inaccessible.

NO.47 Which action is critical when preparing the site for a PowerScale installation?

- * Setting up remote monitoring tools
- * Ensuring appropriate environmental conditions, such as temperature and humidity
- * Configuring the initial cluster network settings
- * Preparing an inventory of all software applications to be used

NO.48 Why is it necessary to verify the cluster's health status before performing any hardware maintenance?

- * To ensure no other maintenance tasks are ongoing
- * To confirm there is no data loss risk
- * To prevent additional strain on the cluster
- * To ensure accurate hardware fault diagnosis

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