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Exam : **D-PST-MN-A-24**

Title : Dell PowerStore Maintenance Achievement

Version : DEMO

1.Which component is an FRU?
A. DIMMs
B. Embedded IO Module
C. Nodes
D. Battery Backup Unit
Answer: D
Explanation:
A Field Replaceable Unit (FRU) is a component that can be replaced by the user or technician without having to send the entire product or system to a repair facility. Dell's Customer Replaceable Unit (CRU) program allows customers to replace designated hardware components, which are typically considered as FRUs1.
In the context of Dell PowerStore Maintenance, the Battery Backup Unit (BBU) is considered an FRU because it is designed to be easily replaced in the field. The BBU is critical for maintaining power to the system in the event of a power failure, ensuring that data is not lost and the system can be shut down gracefully.
The other components listed, such as DIMMs, Embedded IO Modules, and Nodes, may not be as easily replaceable by the customer or may require more technical expertise or special tools. Therefore, they are not typically classified as FRUs within the Dell PowerStore ecosystem.
For detailed procedures on replacing the BBU or any other FRU components, it is recommended to refer to the official Dell PowerStore Maintenance documents and follow the guidelines provided for safe and effective replacement. This ensures that the system integrity is maintained and any warranty or support agreements remain valid.

2.In which step of the ICW can the configuration details be exported?
A. License Configuration
B. Support Assist
C. Cluster Configuration
D. Cluster Details
Answer: C
Explanation:
The configuration details can be exported during the Cluster Configuration step of the Initial Configuration Wizard (ICW) for Dell PowerStore. This step allows the user to review the chosen configuration information, validate the configuration, and initiate the cluster creation. It is at this point that the option to export the configuration details is provided1.
For a detailed guide on how to navigate the ICW and export configuration details, users should refer to the official Dell PowerStore Manager Overview documentation or the PowerStore Info Hub, which includes product documentation and videos that assist with PowerStore deployment and maintenance12.
It is important to follow the official documentation to ensure that the process is carried out correctly and to maintain system integrity and compliance with warranty and support agreements.

3.What does the command "svc_journalctl -f -g "st_io_monitor""do?
A. Deletes all logs before the specified error
B. Rotates the log based on the specified error
C. Ignores log messages from the specified error and re-occurring errors

D. Retrieves log messages from the specified error and watches for re-occurrence
Answer: D
Explanation:
The command svc_journalctl -f -g "st_io_monitor" is used within the Dell PowerStore environment to retrieve log messages that are associated with the specified error, in this case, “st_io_monitor”, and to monitor for their re-occurrence. The -f flag is typically used to follow the log, meaning it will continue to output new log messages as they are appended to the journal. The -g flag is used to filter the log output based on a specific pattern1.
This command is part of the suite of service scripts provided by Dell for system maintenance and troubleshooting. It enables service technicians and system administrators to view log messages from the system journal in a consistent and easy-to-read format, which is crucial for diagnosing and resolving issues1.
For more detailed information on using this command and understanding the system journal logs, users should refer to the Dell PowerStore Service Scripts Guide or contact Dell Support for technical assistance1. It’s important to use these commands as per the guidelines provided in the official documentation to ensure proper system maintenance and to avoid any unintended consequences.

4.What does the output of the PSTCLI command "nas_server show" display from a Dell EMC PowerStore T?
A. Memory utilization and thread count for NFS NAS servers
B. SIDs of SMB NAS servers joined to the AD domain
C. If NAS servers are present and if they are either NFS or Licensed
D. If NAS servers are present and if they are either Started or Degraded
Answer: D
Explanation:
The nas_server show command in the Dell EMC PowerStore T environment is used to display the status of NAS servers. The output of this command will indicate whether NAS servers are present and if so, their current state, which can be either ‘Started’ or ‘Degraded’. This information is crucial for administrators to quickly assess the health and operational status of the NAS servers.
The command does not provide memory utilization, thread count, or SIDs of SMB NAS servers joined to the AD domain. Instead, it focuses on the operational status of the NAS servers, which is a critical aspect of system maintenance and troubleshooting.
For detailed information on the usage of the nas_server show command and interpreting its output, administrators should refer to the Dell PowerStore CLI User Guide1. This guide provides comprehensive instructions and examples for using the PowerStore CLI to manage and monitor the storage system effectively. It is essential to follow the official documentation to ensure accurate and reliable system management.

5.A Storage Administrator notices a Critical alert present in Dell EMC PowerStore Manager relating to data integrity.
What action within the alert details slide-out panel is helpful in troubleshooting the problem?
A. Examine Notifications to obtain a list of corrective actions
B. Access the Repair Flow link to schedule a support engagement
C. Re-engage support through previous listed Related Events

D. Select the Gather Support Materials from Service and Support

Answer: D

Explanation:

When a critical alert related to data integrity is present in Dell EMC PowerStore Manager, the most helpful action for troubleshooting the problem is to select the “Gather Support Materials” option from the Service and Support section. This action facilitates the collection of logs, system information, and other relevant data that can be used by Dell EMC support to diagnose and resolve the issue1.

The process typically involves:

Accessing the alert details slide-out panel within the PowerStore Manager.

Reviewing the critical alert to understand the nature of the data integrity issue.

Selecting the “Gather Support Materials” option, which may include system logs, configuration files, and other diagnostic information.

Following the prompts to collect and package the support materials.

Sending the gathered materials to Dell EMC support for further analysis and assistance.

This proactive step is crucial in expediting the support process and ensuring that the Dell EMC support team has all the necessary information to address the data integrity alert effectively. It is recommended to perform this action as soon as the critical alert is noticed to prevent any potential data loss or system downtime2.

For more detailed instructions on how to gather support materials and manage alerts, administrators should refer to the Dell PowerStore Manager Overview documentation and the PowerStore Alerts knowledge base articles provided by Dell12. These resources offer comprehensive guidance on maintaining and troubleshooting the PowerStore system.