Free Questions for D-PST-MN-A-24

Shared by Delaney on 04-10-2024

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Question 1

Question Type: MultipleChoice

Refer to the exhibit.

What is indicated when the circled LED on the base enclosure is illuminated amber?

Options:

A- Base enclosure power-on

B- Cluster discovery state

C- Base enclosure fault

D- Cluster service mode

Answer:

C

Explanation:

When the circled LED on the base enclosure of a Dell PowerStore system is illuminated amber, it typically indicates a fault within the base enclosure. This could be related to various issues such as power supply problems, cooling system malfunctions, or other operational faults that may affect the enclosure's performance.

In Dell PowerStore systems, LED indicators are used to communicate the status of the system's hardware components. An amber LED specifically suggests that there is a problem that needs to be addressed. The steps to investigate and resolve the issue usually include:

Checking the PowerStore Manager for alerts or messages that provide more details about the fault.

Inspecting the physical hardware to identify any visible signs of damage or failure.

Consulting the Dell PowerStore Hardware Guide for information on LED indicators and their meanings.

Following the recommended actions provided in the guide, which may include checking power connections, ensuring proper airflow, or other hardware checks.

If necessary, contacting Dell Support for further assistance, providing them with the details of the fault LED and any other relevant information observed.

It's important to address any faults indicated by an amber LED promptly to maintain the integrity and reliability of the storage system. The Dell PowerStore documentation provides comprehensive information on LED indicators and troubleshooting steps to help resolve such issues effectively.

Question 2

Question Type: MultipleChoice

A Storage Administrator ran a PSTCLI command on a Linux host. The error " -bash: pstcli: command not found" appears. How is the problem resolved?

Options:

A- Add /opt/dellemc/pstcli/bin/ in PSTCLI.sh

B- Run rpm -ihv pstcli to reinstall the PSTCLI software on the Linux host

C- Install in default directory /opt/dellemc/pstcli-version/bin/

D- Add the installation directory to the PATH variable on shell initialization file

Answer:

D

Explanation:

When the error "-bash: pstcli: command not found" appears after running a PSTCLI command on a Linux host, it typically means that the shell cannot locate the pstcli executable in the directories listed in the PATH environment variable. To resolve this issue, the installation directory of pstcli needs to be added to the PATH variable. This can be done by editing the shell initialization file (such as .bashrc or .bash_profile for Bash shell) and appending the installation directory to the PATH variable.

Here are the steps to resolve the problem:

Locate the installation directory of PSTCLI. If you followed the default installation, it should be in /opt/dellemc/pstcli-version/bin/.

Open the shell initialization file in a text editor. For example, if using Bash, you might edit ~/.bashrc or ~/.bash_profile.

Add the following line to the file: export PATH=$PATH:/opt/dellemc/pstcli-version/bin/. Replace /opt/dellemc/pstcli-version/bin/ with the actual installation directory if it is different.

Save the file and reload the shell configuration by running source ~/.bashrc or source ~/.bash_profile, or simply close and reopen the terminal.

Verify that pstcli can be found by running echo $PATH and ensuring the directory is listed.

Try running the pstcli command again to confirm that the issue is resolved.

By adding the PSTCLI installation directory to the PATH variable, the shell will be able to locate the pstcli executable when the command is run1. It is important to ensure that the PATH variable is correctly set to include all necessary directories for command-line tools to function properly. If the issue persists, it may be necessary to check the installation of PSTCLI or consult the Dell EMC PowerStore documentation for further troubleshooting steps1.

Question 3

Question Type: **OrderList**

Order the NDU operational steps.

Answer:

Prepare peer node
Upgra

Question 4

Question Type: MultipleChoice

How many fan module failures can a node tolerate?

Options:

A- 1

B- 3

C- 0

D- 2

Answer:

A

Explanation:

A Dell EMC PowerStore node can tolerate one fan module failure. The system is designed with redundancy to ensure that if a single fan module fails, the remaining fan modules can compensate for the loss and maintain proper cooling to prevent overheating1. The system

will increase the speed of the remaining fans to ensure continued cooling.

When a fan module failure occurs, the system will generate an alert to notify the administrator of the fault. The administrator should then take the following steps:

Acknowledge the alert in the PowerStore Manager.

Plan for the replacement of the faulted fan module as soon as possible to restore full redundancy.

Follow the replacement procedures as outlined in the Dell PowerStore Installation and Service Guide1.

It is important to address fan module failures promptly to ensure the long-term health and performance of the PowerStore system. The increased fan speed is a temporary measure to maintain operations until the faulted fan module can be replaced.

Question 5

Question Type: MultipleChoice

When a Dell EMC PowerStore node powers up in service mode, what are the commands and sequence used from the appliance SSH client to restore the node back to normal?

Options:

A- svc_node restart
svc_rescue_state start

B- svc_node shutdown
svc_rescue_state clear

C- svc_rescue_state clear
svc_node reboot

D- svc_rescue_state normal
svc_node start

Answer:

C

Explanation:

When a Dell EMC PowerStore node powers up in service mode, the commands and sequence used from the appliance SSH client to restore the node back to normal are as follows:

Run the svc_rescue_state clear command to clear the boot mode and take the node out of service mode1.

Then, run the svc_node reboot command to reboot the node and return it to normal operational mode1.

It is important to follow this sequence to ensure that the node exits service mode correctly and reboots into normal mode without any issues. For more detailed instructions or if you encounter any problems during this process, refer to the Dell EMC PowerStore Service Scripts Guide or contact Dell EMC Support for assistance1.

Question 6

Question Type: MultipleChoice

The "svc_rescue_state list" shows a node in service mode. How can the node be returned to normal mode?

Options:

A- svc_rescue_state quit

B- svc_rescue_state clear

C- svc_rescue_state normal

D- svc_rescue_state exit

Answer:

B

Explanation:

To return a node from service mode to normal mode in a Dell EMC PowerStore system, the svc_rescue_state clear command should be used. This command clears the service mode state of the node and prepares it to return to normal operational mode1.

Here are the steps to perform this action:

Log in to the appliance from an SSH client.

Run the svc_rescue_state clear command to clear the boot mode.

Then, run the svc_node reboot command to reboot the node and return it to normal mode.

After the reboot, you can verify that the node has returned to normal mode by running the svc_rescue_state list command again.

It is important to follow these steps carefully to ensure that the node transitions back to normal mode without any issues. For more detailed instructions or if you encounter any problems during this process, refer to the Dell EMC PowerStore Service Scripts Guide or contact Dell EMC Support for assistance1.