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DSDPS-200

Dell EMC PS Series Storage Professional
Exam

DEMO

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QUESTION 1

According to Dell recommendations, when should a firmware update be performed on a PS Series group?

- A. Firmware upgrades should be performed on the weekends.
- B. Firmware updates should be done during low I/O periods.
- C. Firmware updates must always be done during a maintenance window.
- D. Firmware upgrades may be performed during any I/O period.

Answer: B

Explanation:

Dell recommends that you perform firmware updates during periods of low activity. If possible, perform the update after a backup.

References: Updating Firmware for Dell EqualLogic PS Series Storage Arrays and FS Series Appliances, page 9

<http://en.community.dell.com/dell-groups/dtcmmedia/m/mediagallery/20381147/download>

QUESTION 2

A VMware administrator requests the creation of a 100 GB volume to use as a datastore on an ESX environment. The SAN administrator completes the request. For a few days, the VMware administrator is able to access and use the datastore. The VMware administrator then reports that the VM located on the datastore is greyed out and labelled as inaccessible.

What are three possible reasons for this problem? (Choose three.)

- A. The SAN administrator has NOT set the datastore access policy.
- B. The SAN administrator recently upgraded firmware revision on the array.
- C. The SAN administrator has changed and set an incorrect access policy.
- D. The SAN administrator set the datastore volume as "Read Only".
- E. The ESXi host is unable to ping the Storage group.

Answer: BCE

Explanation:

A: The datastore access policy worked fine for a few days.

QUESTION 3

A customer has a multi-member, multi-pool group in production. The load on the pools is NOT balanced. Which two methods should a SAN administrator use to balance the load between the pools? (Choose two.)

- A. Through the CLI use syntax: volume select volume name pool destination pool name
- B. Within the Group Manager Volumes tab, right-click a volume, select "Move Volume".
- C. Through the CLI use syntax: pool select volume name pool destination pool name
- D. Within the Group Manager Group tab, right-click a volume, select "Move Volume".

Answer: AB

Explanation:

To move a volume to a new pool:

1. Click Volumes.
2. Expand Volumes and select the volume name.
3. Click Move volume to open the Move volume dialog.
4. If you are changing the pool assignment for a synchronous replication volume, you must specify the SyncActive or SyncAlternate volume.
5. Select the destination pool for the volume.
6. Click OK.

The volume status is shown as moving until the pool move operation completes.

References: <http://psonlinehelp.equallogic.com/en/V6.0/groupmanager.htm> (Moving a Volume to a Pool)

QUESTION 4

A customer is moving to a new datacenter and needs to put the existing two members into a new subnet. Each array has two iSCSI ports. The group does NOT use a dedicated management port.

What is the correct sequence of steps to change all physical and group IPs on the members to the new

subnet?

- A. -Change 1st port array physical ports first -Change Group IP second -Change 2nd port array physical ports last
- B. -Change Group IP first -Change 2nd port array physical ports second -Change 1st port array physical ports last
- C. -Change 1st port array physical ports first -Change 2nd port array physical ports second -Change Group IP last
- D. -Change 2nd port array physical ports first -Change Group IP second -Change 1st port array physical ports last

Answer: C

Note:

* Changing the group IP address disconnects any iSCSI connections to the group and any administrators logged in to the group through the group IP address.

* If you change the IP address of a group for which you are running the GUI locally, or configure a management network for the group, you must uninstall the standalone GUI application and then install it again.

References: <http://psonlinehelp.equallogic.com/en/V6.0/groupmanager.htm> (About Group Network Configuration)

QUESTION 5

A customer buys two PS Series arrays to store data for the database servers. One array has 15K RPM disks configured as RAID 10, and the other array has 10K RPM disks configured as RAID 6. This system was chosen to meet the need to data capacity and a very high anticipated level of IOPs.

The customer reports that database servers run business critical applications. Performance is a priority for these databases. A large data warehouse holds historical data from the business used to mine data.

Which two configurations provide the fastest performance to meet the customer requirements? (Choose two.)

- A. Create one pool and assign RAID preference to RAID 10 for priority applications.