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EMC DES-1221

Version Demo

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QUESTION NO: 1

What is the maximum number of snapshot rules per cluster?

A. 8

B. 16

C. 32

D. 64

ANSWER: A

Explanation:

Reference: https://www.delltechnologies.com/da-dk/collaterals/unauth/data-sheets/products/storage/h18143-dell-emc-powerstore-family-spec-sheet.pdf

QUESTION NO: 2

What describes the process used in the Import External Storage migration architecture?

A. Orchestrator on PowerStore communicates over the control path to the host plugin and controls the multipathing active path to storage

B. Plugin on PowerStore communicates over the control path to orchestrator on the host and controls the multipathing active path to storage

C. Orchestrator on PowerStore communicates over the data path to the host plugin and controls the multipathing active path to storage

D. Plugin on PowerStore communicates over the data path to orchestrator on the host and controls the multipathing active path to storage

ANSWER: D

Explanation:

Reference: https://www.dell.com/support/manuals/en-pk/powerstore-1000/pwrstr-import/importing-external-storage-to-powerstore-overview?guid=guid-6fef77c4-d4c9-49c6-8de2-efd67aa52ca5

QUESTION NO: 3

What are the IP requirements for ICW on PowerStore X and PowerStore T models?

A. PowerStore T requires three storage IP addresses and PowerStore X requires five storage IP addresses

B. PowerStore T requires four management IP addresses and PowerStore X requires six management IP addresses

C. PowerStore T requires five management IP addresses and PowerStore X requires six management IP addresses

D. PowerStore T requires seven storage IP addresses and PowerStore X requires three storage IP addresses

ANSWER: C

Explanation:

Reference: https://www.dell.com/support/manuals/en-pk/powerstore/pwrstr-ntwk-plang/ip-address-requirements-for-initial-configuration?guid=guid-cdb61296-b698-47fb-92ce284f784cbc2d&lang=en-us

QUESTION NO: 4 - (DRAG DROP)

DRAG DROP

Correctly arrange the sequence of the write operation in PowerStore.

Select and Place:

Answer Area	
If the I/O is determined to be a write, the data is copied into the write cache on the NVRAM drives	Step 1
Data is copied from the Write Cache and is passed through the deduplication and compression logic	Step 2
For each write I/O that enters the system, the information is passed between the Nodes using token	Step 3
I/O enters Node and is saved within the Node DRAM memory	Step 4
Information is safely stored on the NVRAM drives and all other actions are complete, the host is acknowledged	Step 5

ANSWER:

Answer Area

If the I/O is determined to be a write, the data is copied into the write cache on the NVRAM drives		Data is copied from the Write Cache and is passed through the deduplication and compression logic	
Data is copied from the Write Cache and is passed through the deduplication and compression logic		If the I/O is determined to be a write, the data is copied into the write cache on the NVRAM drives	
For each write I/O that enters the system, the information is passed between the Nodes using token		For each write I/O that enters the system, the information is passed between the Nodes using token	
I/O enters Node and is saved within the Node DRAM memory		Information is safely stored on the NVRAM drives and all other actions are complete, the host is acknowledged	
Information is safely stored on the NVRAM drives and all other actions are complete, the host is acknowledged		I/O enters Node and is saved within the Node DRAM memory	

Explanation:

Reference: https://www.delltechnologies.com/resources/en-us/asset/white-papers/products/storage/h18151-dell-emc-powerstore-data-efficiencies.pdf

QUESTION NO: 5

A customer wants to add capacity to their PowerStore 5000T. The system is populated with 6 NVMe SCM 750 GB drives. What is the maximum number and type of drives that can be added to the base enclosure?

A. 15 NVMe SCM

B. 15 NVMe SSD

C. 17 NVMe SCM

D. 17 NVMe SSD

ANSWER: A

QUESTION NO: 6

How is the VASA provider registered with vSphere when connecting to a PowerStore X system?

A. VASA is unsupported in PowerStore X models

B. Built into the PowerStore X system code

C. Automatically added during Initial Configuration

D. Manually added from vCenter server using add storage provider option

ANSWER: D

Explanation:

Reference: https://www.delltechnologies.com/en-ca/collaterals/unauth/white-papers/products/storage/h18116-dell-emc-powerstore-vmware-vsphere-best-practices.pdf (17)

QUESTION NO: 7

What is a requirement for the Import External Storage migration feature?

A. PowerStore Global Storage Discovery IP address must be configured

B. PowerPath host-based multipathing software

C. PowerStore LACP bonded ports are tagged for replication

D. Direct Fibre Channel connections between storage systems

ANSWER: A

Explanation:

Reference: https://www.dell.com/support/manuals/en-pk/powerstore-1000/pwrstr-import/general-requirements-for-importing-data?guid=guid-3b7c512c-55c4-43cc-9b57-3d22eaa85d5c&lang=enus

QUESTION NO: 8

Which API does PowerStore use to communicate with ESXi server during vVols provisioning operation?

A. REST

B. SOAP

C. VAAI

D. VASA

ANSWER: D

Explanation:

Reference: https://volumes.blog/2020/05/06/what-is-powerstore-part-4-vvols/

QUESTION NO: 9

What is the significance of the warning given when a volume with data services is deleted?

A. Volume is mapped to a host

B. Volume is participating in a migration

C. Snapshot is present on the volume

D. Protection policy is configured on the volume

ANSWER: B

Explanation:

Reference: https://www.dell.com/support/manuals/en-pk/powerstore/pwrstr-cfg-vols/delete-a-volume?guid=guid-26e8c12d-a3df-4d4d-8012-ae2ef9e53721&lang=en-us

QUESTION NO: 10

An administrator is trying to set a performance policy while creating a Thin Clone of a volume group. Why is the option to set performance policy unavailable?

A. Volumes in the volume group are not mapped to any hosts

B. No Volumes are added in the volume group

C. Thin Clones cannot be created using a volume group

D. Performance policy can only be set on a Thin Clone volume

ANSWER: C

Explanation:

Reference: https://www.dell.com/support/manuals/en-pk/powerstore/pwrstr-cfg-vols/remove-a-volume-from-a-volume-group?guid=guid-4b974223-26e4-40fe-a1b8-01beb210c305&lang=en-us