

Dell EMC D-PST-DY-23

Dell PowerStore Deploy 2023 Exam

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Topic 1, Multiple Choice Questions

Question: 1

How many volumes can be created at a time using the PowerStore Manager?

- A. 64
- B. 100
- C. 123
- D. 200

Answer: B

Question: 2

What are two properties of the VMware file system which are supported by PowerStore? (Choose two.)

- A. Supports VAAI primitives
- B. Available with NFS datastores
- C. Supports quotas
- D. Available with VMFS datastores

Answer: A, B

Explanation:

<https://infohub.delltechnologies.com/en-us/l/dell-powerstore-file-capabilities-1/file-system-types-3/>

Question: 3

The wan connection between the production and DR sites has a low latency of <5 milliseconds. Which firewall port is used by PowerStore to communicate between sites?

- A. 13333
- B. 13335
- C. 13334
- D. 13336

Answer: A

Explanation:

PowerStore uses port 13337 for communication between sites in a replication setup. This port is required to enable data transfer and management communication over the WAN connection between the production and disaster recovery (DR) sites. The low latency condition (≥ 120 milliseconds) highlights the importance of maintaining efficient data transfer, and proper firewall configuration ensures PowerStore uses different ports for replication traffic based on the latency between the two sites. Since you have a low latency connection (< 5 milliseconds), PowerStore will use port 13333.

Here's a breakdown of the ports and their corresponding latency:

13333: Low latency (< 5 milliseconds) - This is the default setting.

13334: Low Medium latency (≥ 5 and < 20 milliseconds) 1

13335: Medium latency (≥ 20 and < 60 milliseconds)

13336: Medium High latency (≥ 60 and < 120 milliseconds)

13337: High latency (≥ 120 milliseconds)

It's important to configure your firewalls to allow traffic on the correct port to ensure successful replication between your production and DR sites.

Question: 4

What is the maximum number of supported replication and snapshot rules in a protection policy?

- A. One snapshot rule and four replication rules
- B. One snapshot rule and one replication rule
- C. Four snapshot rules and one replication rule
- D. Four snapshot rules and four replication rules

Answer: C

Explanation:

[https://www.dell.com/support/manuals/en-ca/powerstore-5000/pwrstr-protect-data/protectionpolicies?](https://www.dell.com/support/manuals/en-ca/powerstore-5000/pwrstr-protect-data/protectionpolicies?guid=guid-c8ba3ba4-6374-4285-9727-900343f64ee2&lang=enus#:~:text=A%20protection%20policy%20can%20include,on%20the%20rules%20in%20them.)

[guid=guid-c8ba3ba4-6374-4285-9727-900343f64ee2&lang=enus#:~:](https://www.dell.com/support/manuals/en-ca/powerstore-5000/pwrstr-protect-data/protectionpolicies?guid=guid-c8ba3ba4-6374-4285-9727-900343f64ee2&lang=enus#:~:text=A%20protection%20policy%20can%20include,on%20the%20rules%20in%20them.)

[text=A%20protection%20policy%20can%20include,on%20the%20rules%20in%20them.](https://www.dell.com/support/manuals/en-ca/powerstore-5000/pwrstr-protect-data/protectionpolicies?guid=guid-c8ba3ba4-6374-4285-9727-900343f64ee2&lang=enus#:~:text=A%20protection%20policy%20can%20include,on%20the%20rules%20in%20them.)

Question: 5

SIMULATION

In a PowerStore T source cluster create a 100GB volume with name "Prod_vol" with a category of "Other". Set its protection policy to replicate the volume with an RPO of 30 minutes to Cluster1. The destination cluster is already configured.

When you have finished, continue to the next question.

Answer: see the steps in explanation below.

Explanation:

1. Log in to the PowerStore Manager of the source cluster.

2. From the top menu, click Storage and select Volumes from the drop-down list
3. Click Create and enter the following information:
4. Name: Prod vol
5. Description: (optional)
6. Quantity: 1
7. Size: 100 GB
8. Application Tag: Other
9. Click Next and select the protection policy that has a replication rule to Cluster1 with an RPO of 30 minutes. If there is no such policy, click Create and follow the steps to create a new protection policy with a replication rule
10. Click Next and review the summary of the volume creation.
11. Click Create to create the volume and start the replication session to Cluster1.

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