



Free Questions for DES-1221 by certscare

Shared by Herring on 06-06-2022

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Question 1

Question Type: MultipleChoice

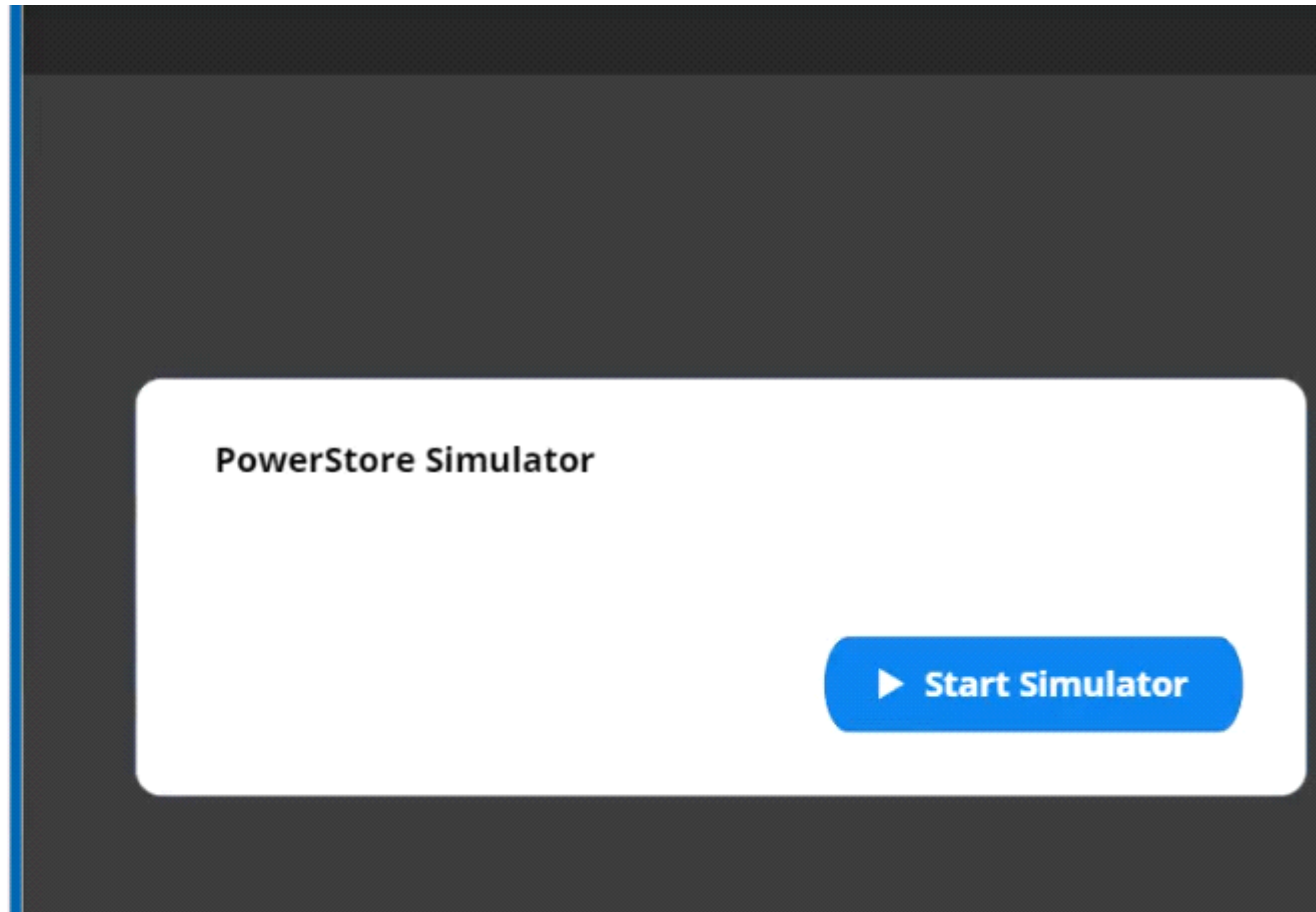
You are a network administrator that needs to setup a Data switch model S5248F-ON to be used for PowerStore 7000T system Use the Simulator to:

- 1) Check the OS version and license status.
- 2) Set management IP address 172.17.57.10 subnet as 255.255.255.0 on chassis = 1, slot = 1, port = 10
- 3) Enable the port
- 4) Configure default route with gateway 192.168.1.254, NTP server 192.168.1.50
- 5) Enable RSTP with priority 4096
- 6) Commit and exit.

You are a network administrator that needs to setup a Data switch model S5248F-ON to be used for PowerStore 7000T system. Use the simulator to:

- 1) Check the OS version and license status
- 2) Set management IP address 172.17.57.10, subnet as 255.255.255.0 on chassis = 1, slot = 1, port = 1
- 3) Enable the port
- 4) Configure default route with gateway 192.168.1.254, NTP server 192.168.1.50
- 5) Enable RSTP with priority 4096
- 6) Commit and exit

When you have finished using the simulator, click **Next**.



Options:

A- Explanation:

Below are the exhibits solution for this simulation.

You are a network administrator that needs to setup a Data switch model S5248F-ON to be used for PowerStore 7000T system. Use the simulator to:

- 1) Check the OS version and license status
- 2) Set management IP address 172.17.57.10, subnet as 255.255.255.0 on chassis = 1, slot = 1, port = 1
- 3) Enable the port
- 4) Configure default route with gateway 192.168.1.254, NTP server 192.168.1.50
- 5) Enable RSTP with priority 4096
- 6) Commit and exit

When you have finished using the simulator, click **Next**.

```
# show version
Dell EMC Networking OS10-Enterprise
Copyright (c) 1999-2019 by Dell Inc. All Rights Reserved.
OS Version: 10.4.2.2
Build Version: 10.4.2.2.265
Build Time: 2019-01-14T15:15:14-0800
System Type: S5248F-ON
Architecture: x86_64
Up Time: 9 weeks 3 days 02:06:44
# configure terminal
#(config) interface mgmt 1/1/1
#(conf-ma-1/1/1) ip address 172.17.57.10/24
#(conf-ma-1/1/1) no shutdown
#(conf-ma-1/1/1) exit
#(config) management route 0.0.0.0/0 192.168.1.254
#(config) ntp server 192.168.1.50
#(config) end
# configure terminal
#(config) spanning-tree mode rstp
#(config) spanning-tree rstp priority 4096
#(config) end
# copy running-configuration startup-configuration
# exit
# |
```

Answer:

A

Question 2

Question Type: MultipleChoice

Use the PowerStore Manager simulator to configure the BaseEnclosure-NodeA-IoModule1-FEport0 as a replication port. When you have finished using the simulator, Click Next.

Options:

A- Explanation:

Below are the exhibits solution for this simulation.

DELL EMC PowerStore Cluster2

Dashboard Monitoring Compute Storage Protection Migration **Hardware** Settings

OVERVIEW

Appliances: 1 | Alerts: 0 (Critical), 0 (Major), 0 (Minor), 0 (Info) | Watching: 0

CAPACITY

Free: 0.3% = 6.1 TB | Physical: 6.1 TB

PERFORMANCE

Latency: 203 μs | IOPS: 0 kiOPS | Bandwidth: 1.1 MB/s

Cluster2

Block

- Volume Groups: 0
- Volumes: 0
- Hosts: 0

File

- File Systems: 0
- SMB Shares: 0
- NFS Exports: 0

Watchlist

There are no items in your watchlist. Click the "More Actions" button on a list page to add it to your watchlist.

Alerts

0 CRITICAL, 0 MAJOR, 0 MINOR, 0 INFO

There are no Critical alerts

DELL EMC PowerStore Cluster2

Dashboard Monitoring Compute Storage Protection Migration **Hardware** Settings

Hardware

APPLIANCES | PORTS

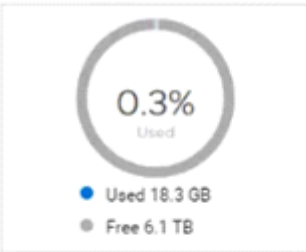
+ ADD | MODIFY | MORE ACTIONS -

Name	Alerts	Model	Service Tag	Express Service Code	Status	IP Address
Cluster2-appliance1		PowerStore 1000T	2AR73V3	3050642594	Online	192.168.1.41

Hardware > Cluster2-appliance-1

CAPACITY Free Physical = 6.1 TB + 6.1 TB	PERFORMANCE Latency 203 µs IOPS 0 kiOPS Bandwidth 1.1 MB/s	ALERTS Critical 0 Major 0 Minor 0	PORTS Link Up 18 Link Down 2	HARDWARE Drives Rear Internal ✓ ✓ ✓
---	--	---	--	--

Usage



Historical Usage



Data Savings

Overall Efficiency
12954.8: 1

Snap Savings

33.9: 1
You have saved 987.8 MB of user data

Hardware > Cluster2-appliance-1

CAPACITY 0.3% Free Physical 6.1 TB 6.1 TB

PERFORMANCE Latency 203 µs IOPS 0 kIOPS Bandwidth 1.1 MB/s

ALERTS Critical 0 Major 0 Minor 0

PORTS Link Up 18 Link Down 2

HARDWARE Drives ✓ Rear ✓ Internal ✓

MAP STORAGE NETWORK MORE ACTIONS +

Node-Module-Name	Link State	Link Aggregation - Name	Link Aggr... - Mode	Link Aggr... - State	Mapped for Storage	Tagged for Replication
<input type="checkbox"/> BaseEnclosure-NodeA-4PortCard-FEPort1 BaseEnclosure-NodeA-4PortCard-FEPort0		BaseEnclosure-NodeA-bond0	LACP			
<input type="checkbox"/> BaseEnclosure-NodeA-4PortCard-FEPort2		-	-	-		-
<input type="checkbox"/> BaseEnclosure-NodeA-4PortCard-FEPort3		-	-	-		-
<input type="checkbox"/> BaseEnclosure-NodeA-EmbeddedModule-MgmtPort		-	-	-	-	-
<input type="checkbox"/> BaseEnclosure-NodeA-EmbeddedModule-ServicePort		-	-	-	-	-
<input type="checkbox"/> BaseEnclosure-NodeA-IoModule1-FEPort0		-	-	-		
<input type="checkbox"/> BaseEnclosure-NodeA-IoModule1-FEPort1		-	-	-		-
<input type="checkbox"/> BaseEnclosure-NodeA-IoModule1-FEPort2		-	-	-		-

Hardware > Cluster2-appliance-1

CAPACITY 0.3% Free Physical 6.1 TB 6.1 TB

PERFORMANCE Latency 203 µs IOPS 0 kiOPS Bandwidth 1.1 MB/s

ALERTS Critical 0 Major 0 Minor 0

PORTS Link Up 18 Link Down 2

HARDWARE Drives ✓ Rear ✓ Internal ✓

MAP STORAGE NETWORK MORE ACTIONS

Node-Module-Name	Link State	Link Aggregation - Name	Link Aggr... - Mode	Link Aggr... - State	Mapped for Storage	Tagged for Replication
<input type="checkbox"/> BaseEnclosure-NodeA-4PortCard-FEPort1 BaseEnclosure-NodeA-4PortCard-FEPort0		BaseEnclosure-NodeA-bond0	LACP		✓	✓
<input type="checkbox"/> BaseEnclosure-NodeA-4PortCard-FEPort2		--	--	--	⊖	--
<input type="checkbox"/> BaseEnclosure-NodeA-4PortCard-FEPort3		--	--	--	⊖	--
<input type="checkbox"/> BaseEnclosure-NodeA-EmbeddedModule-MgmtPort		--	--	--	--	--
<input type="checkbox"/> BaseEnclosure-NodeA-EmbeddedModule-ServicePort		--	--	--	--	--
<input checked="" type="checkbox"/> BaseEnclosure-NodeA-IoModule1-FEPort0		--	--	--	✓	⊖
<input type="checkbox"/> BaseEnclosure-NodeA-IoModule1-FEPort1		--	--	--	⊖	--
<input type="checkbox"/> BaseEnclosure-NodeA-IoModule1-FEPort2		--	--	--	⊖	--

CAPACITY 0.3% Free Physical 6.1 TB 6.1 TB

PERFORMANCE Latency 203 µs IOPS 0 kiOPS Bandwidth 1.1 MB/s

ALERTS Critical 0 Major 0 Minor 0

PORTS Link Up 18 Link Down 2

HARDWARE Drives ✓ Rear ✓ Internal ✓

MORE ACTIONS

Node-Module-Name	Link State	Link Aggregation - Name	Link Aggr... - Mode	Link Aggr... - State	Mapped for Storage	Tagged for Replication
<input type="checkbox"/> BaseEnclosure-NodeA-4PortCard-FEPort1 BaseEnclosure-NodeA-4PortCard-FEPort0	🔗	BaseEnclosure-NodeA-bond0	LACP	🔗	✓	✓
<input type="checkbox"/> BaseEnclosure-NodeA-4PortCard-FEPort2	🔗	--	--	--	⊖	--
<input type="checkbox"/> BaseEnclosure-NodeA-4PortCard-FEPort3	🔗	--	--	--	⊖	--
<input type="checkbox"/> BaseEnclosure-NodeA-EmbeddedModule-MgmtPort	🔗	--	--	--	--	--
<input type="checkbox"/> BaseEnclosure-NodeA-EmbeddedModule-ServicePort	🔗	--	--	--	--	--
<input checked="" type="checkbox"/> BaseEnclosure-NodeA-loModule1-FEPort0	🔗	--	--	--	✓	⊖
<input type="checkbox"/> BaseEnclosure-NodeA-loModule1-FEPort1	🔗	--	--	--	⊖	--
<input type="checkbox"/> BaseEnclosure-NodeA-loModule1-FEPort2	🔗	--	--	--	⊖	--

Hardware > Cluster2-appliance-1

CAPACITY 0.3% Free Physical 6.1 TB 6.1 TB

PERFORMANCE Latency 203 µs IOPS 0 kiOPS Bandwidth 1.1 MB/s

ALERTS Critical 0 Major 0 Minor 0

PORTS Link Up 18 Link Down 2

HARDWARE Drives ✓ Rear ✓ Internal ✓

MAP STORAGE NETWORK MORE ACTIONS

Node-Module-Name	Aggregation - e	Link Aggr... - Mode	Link Aggr... - State	Mapped for Storage	Tagged for Replication
<input type="checkbox"/> BaseEnclosure-NodeA-4PortCard-F... BaseEnclosure-NodeA-4PortCard-F...	Enclosure-A-bond0	LACP	🔗	✓	✓
<input type="checkbox"/> BaseEnclosure-NodeA-4PortCard-FEPort2	--	--	--	⊖	--
<input type="checkbox"/> BaseEnclosure-NodeA-4PortCard-FEPort3	--	--	--	⊖	--
<input type="checkbox"/> BaseEnclosure-NodeA-EmbeddedModule-MgmtPort	--	--	--	--	--
<input type="checkbox"/> BaseEnclosure-NodeA-EmbeddedModule-ServicePort	--	--	--	--	--
<input checked="" type="checkbox"/> BaseEnclosure-NodeA-IOModule1-FEPort0	--	--	--	✓	⊖
<input type="checkbox"/> BaseEnclosure-NodeA-IOModule1-FEPort1	--	--	--	⊖	--
<input type="checkbox"/> BaseEnclosure-NodeA-IOModule1-FEPort2	--	--	--	⊖	--

Remove Mapping

Tag for replication

Hardware > Cluster2-appliance-1

CAPACITY
0.3% Free Physical
6.1 TB 6.1 TB

PERFORMANCE
Latency IOPS Bandwidth

ALERTS
Critical Major Minor

PORTS
Link Up Link Down

HARDWARE
Drives Rear Internal

MAP STORAGE NETWORK

Node-Module-Name	Mapped for Storage	Tagged for Replication
<input type="checkbox"/> BaseEnclosure-NodeA-BaseEnclosure-NodeA-...	✓	✓
<input type="checkbox"/> BaseEnclosure-NodeA-BaseEnclosure-NodeA-...	⊖	-
<input type="checkbox"/> BaseEnclosure-NodeA-BaseEnclosure-NodeA-...	⊖	-
<input type="checkbox"/> BaseEnclosure-NodeA-EmbeddedModule-MgmtPort	-	-
<input type="checkbox"/> BaseEnclosure-NodeA-EmbeddedModule-ServicePort	-	-
<input checked="" type="checkbox"/> BaseEnclosure-NodeA-IoModule1-FEPort0	✓	⊖
<input type="checkbox"/> BaseEnclosure-NodeA-IoModule1-FEPort1	⊖	-
<input type="checkbox"/> BaseEnclosure-NodeA-IoModule1-FEPort2	⊖	-

Tag for Replication?

Existing replication tagging will be moved to the selected port.
Tagging ports on either node will also tag the corresponding ports on the opposite node

MAP STORAGE NETWORK

Node-Module-Name

- BaseEnclosure-NodeA-BaseEnclosure-NodeA-...
- BaseEnclosure-NodeA-BaseEnclosure-NodeA-...
- BaseEnclosure-NodeA-BaseEnclosure-NodeA-...
- BaseEnclosure-NodeA-EmbeddedModule-MgmtPort
- BaseEnclosure-NodeA-EmbeddedModule-ServicePort
- BaseEnclosure-NodeA-IoModule1-FEPort0
- BaseEnclosure-NodeA-IoModule1-FEPort1
- BaseEnclosure-NodeA-IoModule1-FEPort2

Mapped for Storage	Tagged for Replication
✓	✓
⊖	-
⊖	-
-	-
-	-
✓	⊖
⊖	-
⊖	-

DELL EMC PowerStore Cluster2

Dashboard Monitoring Compute Storage Protection Migration Hardware Settings

Hardware > Cluster2-appliance-1

CAPACITY

0.3% Free Physical

6.1 TB 6.1 TB

PERFORMANCE

Latency IOPS Bandwidth

203 µs 0 KIOPS 1.1 MB/s

ALERTS

Critical Major Minor

0 0 0

PORTS

Link Up Link Down

18 2

HARDWARE

Drives Rear Internal

✓ ✓ ✓

MAP STORAGE NETWORK MORE ACTIONS

Node-Module-Name	Link State	Link Aggregation - Name	Link Aggr... - Mode	Link Aggr... - State	Mapped for Storage	Tagged for Replication
<input type="checkbox"/> BaseEnclosure-NodeA-4PortCard-FEPort1 BaseEnclosure-NodeA-4PortCard-FEPort0	✓	BaseEnclosure-NodeA-bond0	LACP	✓	✓	⊖
<input type="checkbox"/> BaseEnclosure-NodeA-4PortCard-FEPort2	✓	--	--	--	⊖	--
<input type="checkbox"/> BaseEnclosure-NodeA-4PortCard-FEPort3	✓	--	--	--	⊖	--
<input type="checkbox"/> BaseEnclosure-NodeA-EmbeddedModule-MgmtPort	✓	--	--	--	--	--
<input type="checkbox"/> BaseEnclosure-NodeA-EmbeddedModule-ServicePort	✗	--	--	--	--	--
<input type="checkbox"/> BaseEnclosure-NodeA-IoModule1-FEPort0	✓	--	--	--	✓	✓
<input type="checkbox"/> BaseEnclosure-NodeA-IoModule1-FEPort1	✓	--	--	--	⊖	--
<input type="checkbox"/> BaseEnclosure-NodeA-IoModule1-FEPort2	✓	--	--	--	⊖	--

Answer:

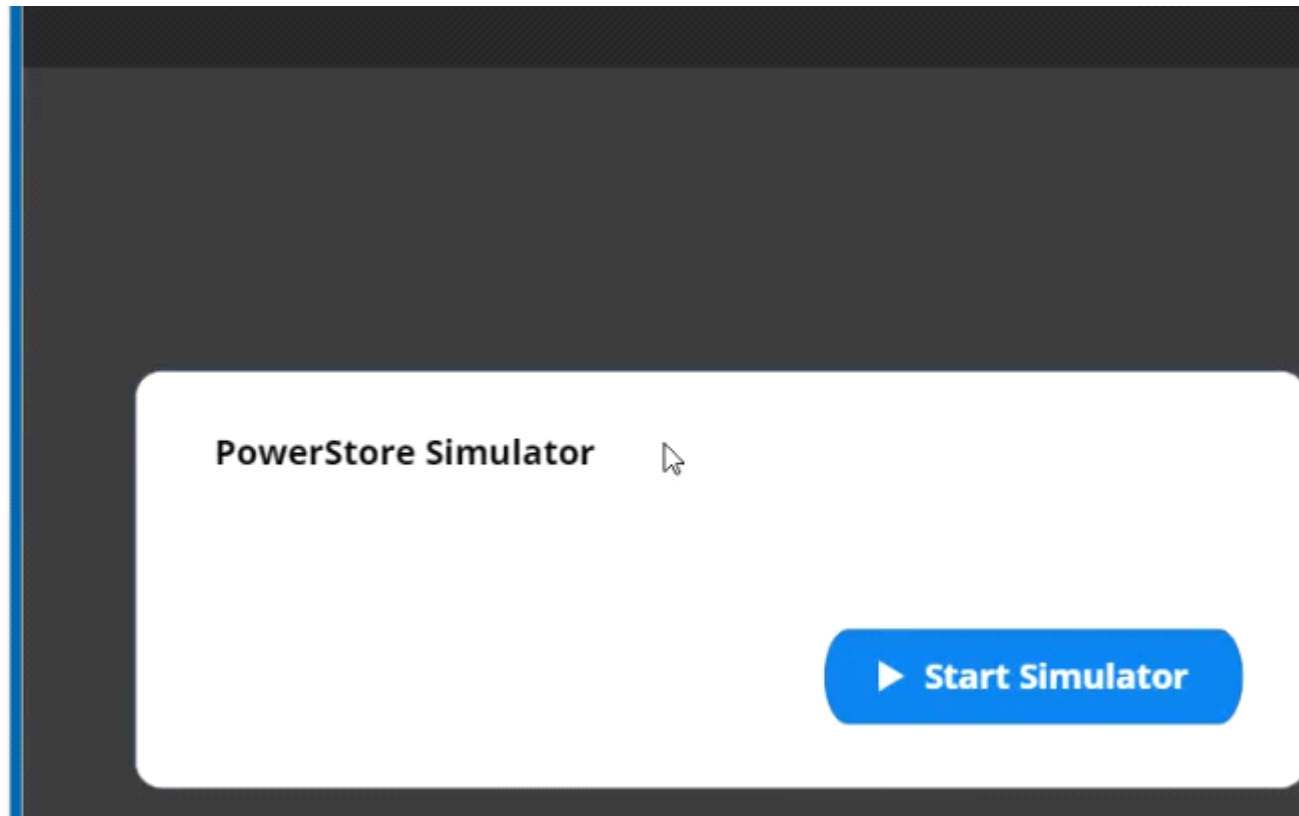
A

Question 3

Question Type: MultipleChoice

An administrator received a request to provision a new volume. Use the simulator to provision a volume of 50 GB with a performance policy of high for their host named "ApplicationTeam". When you have finished using the simulator, click Next.

An administrator received a request to provision a new volume.
Use the simulator to provision a volume of 50 GB with a performance policy of high for their application team.
When you have finished using the simulator, click **Next**.



Options:

A- Explanation:

Below are the exhibits solution for this simulation.

The screenshot displays the Dell EMC PowerStore Cluster2 dashboard. The top navigation bar includes 'Dashboard', 'Monitoring', 'Compute', 'Storage' (highlighted with a red box), 'Protection', 'Migration', 'Hardware', and 'Settings'. The main content area is divided into several sections:

- OVERVIEW:** Shows 1 Appliance, 0 Alerts (Critical, Major, Minor), and 0 Watching.
- CAPACITY:** Shows 0.3% Free capacity (6.1 TB) and 6.1 TB Physical capacity.
- PERFORMANCE:** Shows Latency (203 μs), IOPS (0 kIOPS), and Bandwidth (1.1 MB/s).
- Cluster2 Summary:** Shows 0 Block Volume Groups, 0 Volumes, 1 Hosts, 0 File Systems, 0 SMB Shares, and 0 NFS Exports.
- Alerts:** Shows 0 Critical, 0 Major, 0 Minor, and 0 Info alerts. A message states 'There are no Critical alerts'.
- Watchlist:** An empty section for monitoring items.

OVERVIEW

Appliances

1

Alerts

0

0

0

Volumes

Volume Groups

Storage Containers

File Systems

NAS Servers

CAPACITY

Free

6.1 TB

Physical

6.1 TB

PERFORMANCE

Latency

203 μ s

IOPS

0 kIOPS

Bandwidth

1.1 MB/s

Cluster2

Block

0

Volume Groups

volumes

1

Hosts

File

0

File Systems

0

SMB Shares

0

NFS Exports

Alerts

0

CRITICAL

0

MAJOR

0

MINOR

0

INFO

There are no Critical alerts

Watchlist

There are no items in your watchlist.
Click the 'More Actions' button on a list page to add it to your watchlist.

Volumes

+ CREATE MODIFY DELETE MORE ACTIONS ▾

Name	WWN	Logical Used	Provisioned	Host Mappings	Protection Policy	Performance Policy	Volume Group
------	-----	--------------	-------------	---------------	-------------------	--------------------	--------------

There are no Volumes
Click the [CREATE](#) button to add a volume.

Create Volumes



Properties

Host Mappings

Summary

General

Name (Or Prefix)

App_vol

Description (Optional)

Enter Description

Quantity

1

Size

50

GB

Additional Properties

Associated Volume Group (Optional)

-- SELECT

Volume Protection Policy (Optional)

--

Volume Performance Policy

- Medium
- High
- Medium
- Low

CANCEL FINISH NEXT

Create Volumes



Properties

Host Mappings

Summary

Available Hosts/Host Groups

Select the hosts or host groups to be mapped to your volume.

Name	OS	Type
<input checked="" type="checkbox"/> ApplicationTeam	Windows	Host

Logical Unit Number

The logical unit number is used to help your host(s) identify the volume to which they are mapped. Provide a specific logical unit number or have it generated for you.

Generate Automatically Provide a Logical Unit Number

i A unique logical unit number will be generated automatically for your host.

CANCEL

BACK

NEXT

Create Volumes



Properties

Host Mappings

Summary

Total Size	50 GB
Placement	Cluster2-appliance-1
Host/Host Groups	1
Volume Group	--
Performance Policy	High
Protection Policy	--

The following volumes will be created:

- App_vol

CANCEL BACK **CREATE**

DELL EMC PowerStore Cluster2

Dashboard Monitoring Compute Storage Protection Migration Hardware Settings

Volumes

+ CREATE MODIFY DELETE MORE ACTIONS +

Name	WWN	Logical Used	Provisioned	Host Mappings	Protection Policy	Performance Policy	Volume Group
<input type="checkbox"/> App_vol	naa.68ccf0980037 54a14973b3568f27 89d5	0 GB	50 GB	1 --	--	High	

Answer:

A

Question 4

Question Type: MultipleChoice

What is the maximum number of snapshot rules per cluster?

Options:

- A- 8
- B- 16
- C- 32
- D- 64

Answer:

C

Question 5

Question Type: MultipleChoice

A VM administrator uses their PowerStore user account and noticed they are unable to change their password. Why?

Options:

- A- Extended schema for Unix users in Active Directory not set
- B- VM Administrator role cannot set password

C- In settings > users: enable allow user to change password not set

D- Validate user in Active Directory not set

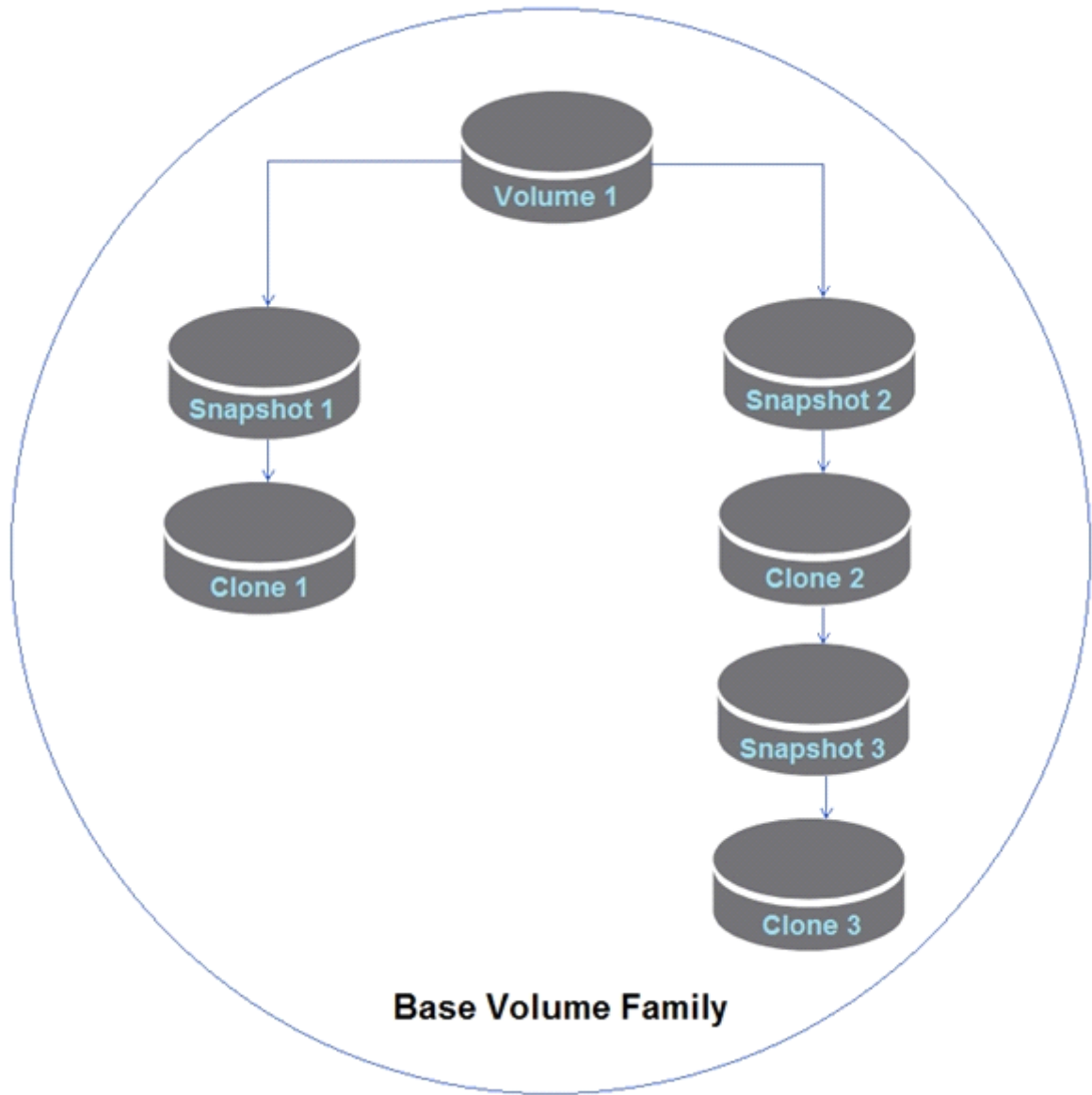
Answer:

B

Question 6

Question Type: MultipleChoice

Refer to the Exhibit.



What happens to the parent resource of thin clone 3 if thin clone 2 is deleted?

Options:

- A- Snapshot 3 becomes the parent
- B- Thin clone 3 becomes parent
- C- Thin clone 1 becomes parent
- D- Thin clone 3 has an empty parent

Answer:

D

Question 7

Question Type: MultipleChoice

A Storage Administrator removed an appliance from the cluster. What is the status of the removed appliance's licenses?

Options:

- A- Licenses are erased
- B- No licensing impact
- C- Licenses becomes void
- D- New licenses are created

Answer:

A

Question 8

Question Type: MultipleChoice

At what point in the configuration of an External Storage Import session does the data path from the host to the PowerStore system become the active IO path?

Options:

- A- When the import session begins
- B- Before launching the Import Storage wizard

C- During the ImportKit installation

D- As MPIO restarts on the host

Answer:

A

Question 9

Question Type: MultipleChoice

Which ports are recommended for use as the interconnect between the two Dell supplied Data Switches connected to PowerStore?

Options:

A- Two 10 GigE

B- Two 25 GbE

C- Two 100 GigE

D- Four 1 GbE

Answer:

C

Question 10

Question Type: MultipleChoice

1.a.1 What is the maximum number of appliances that can be connected to form a cluster?

Options:

A- 1 in a PowerStore T cluster, 4 in a PowerStore X cluster

B- 1 in a PowerStore T cluster, 1 in a PowerStore X cluster

C- 4 in a PowerStore T cluster, 4 in a PowerStore X cluster

D- 4 in a PowerStore T cluster, 1 in a PowerStore X cluster

Answer:

D

Question 11

Question Type: MultipleChoice

A SQL Cluster with attached PowerStore storage has Volumes SQL1, SQL2, SQL4, SQL5 which all require write order preservation. The SQL administrator no longer requires SQL4 and has removed it from the database. The Storage Administrator goes to delete volume SQL4 and finds that the option is grayed out.

Why is the option to delete the volume unavailable?

Options:

- A- SQL4 was renamed from SQL3
- B- SQL4 still has replications
- C- SQL4 is part of a volume group
- D- SQL4 still has snapshots

Answer:

C

Question 12

Question Type: MultipleChoice

A customer is new to PowerStore and asks if there are any differences between the A and B back-end ports. What is the correct response?

Options:

- A- All ports on the base enclosure are input ports
- B- All ports on the base enclosure are output ports
- C- "A" ports are input ports and "B" ports are output ports
- D- "A" ports are output ports and "B" ports are input ports

Answer:

D

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