



Free Questions for DES-1221

Shared by Fitzgerald on 29-01-2024

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Question 1

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 2

Question Type: MultipleChoice

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

Options:

- A- REST
- B- SOAP
- C- VAAI
- D- VASA

VASA is a VMware-defined API meant to provide a common way for VMware to integrate with storage vendors. The API is implemented using an out-of-band, Simple Object Access Protocol (SOAP) over HTTPS.

Answer:

D

Question 3

Question Type: MultipleChoice

Refer to the Exhibit.

```
#(config) interface vlan 1501
#(conf-if-vl-1501) interface ethernet 1/1/54
#(conf-if-eth1/1/54) description Discovery_Laptop
#(conf-if-eth1/1/54) switchport access vlan 1501
#(conf-if-eth1/1/54) no shutdown
```

A Network administrator is failing to discover a PowerStore T system using the PowerStore Discovery Utility. What might be the issue?

Options:

- A- Discovery network uses only native VLAN
- B- Port 54 needs to be enabled
- C- Dedicated port needs to be used for discovery network
- D- Port 54 has not been set to trunk mode

Answer:

A

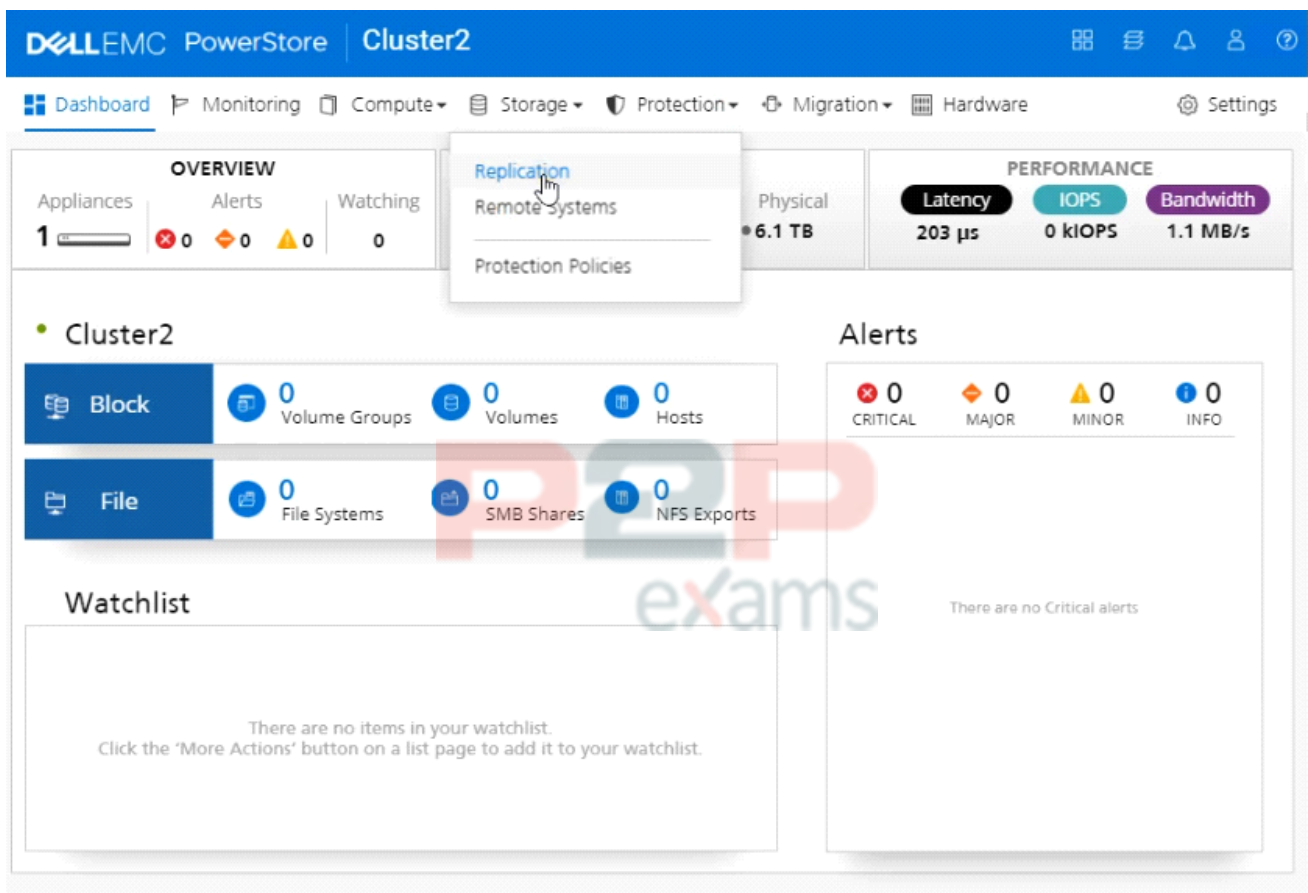
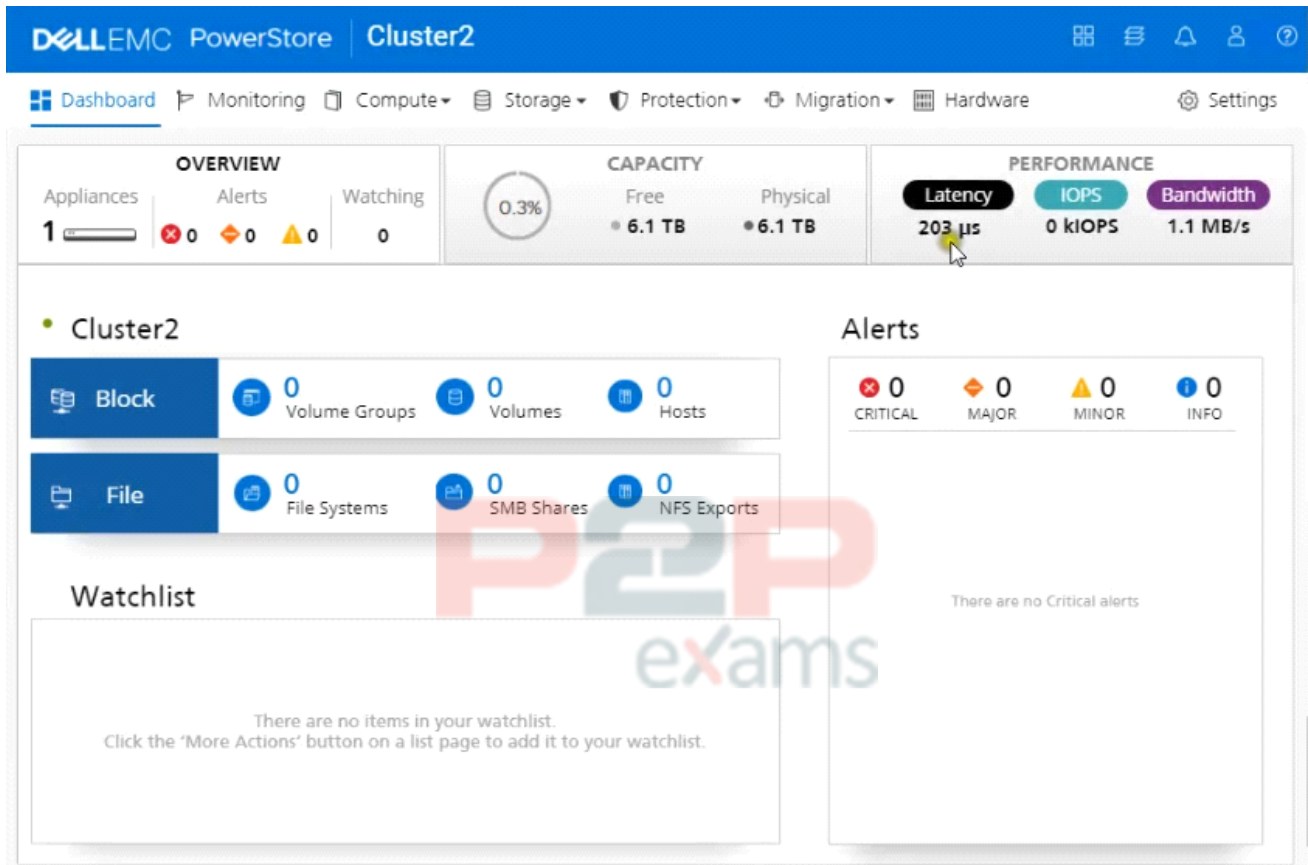
Question 4

Question Type: MultipleChoice

Use the simulator to determine how many logical ports are currently marked for replication on the PowerStore appliance.

Note: It is necessary to close (x) the simulator window before you can select a response to this question.

Simulator:



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

DELL EMC PowerStore Cluster2

Dashboard Monitoring Compute Storage Protection Migration Hardware Settings

Hardware

APPLIANCES **PORTS**

Appliance	Slot/Module	Node	Health of Ports				Speed (Gbps)
			0	1	2	3	
Cluster2-appliance-1	EmbeddedModule	NodeA	✓	✓	○	○	1 Gbps
		NodeB	✓	✓	○	○	
	4PortCard	NodeA	✓	✓	✓	✓	25 Gbps
		NodeB	✓	✓	✓	✓	
	IoModule0	NodeA	○	✓	○	○	--
		NodeB	○	✓	○	○	
	IoModule1	NodeA	✓	✓	✓	✓	25 Gbps
		NodeB	✓	✓	✓	✓	

DELL EMC PowerStore Cluster2

Dashboard Monitoring Compute Storage Protection Migration Hardware Settings

Hardware

APPLIANCES **PORTS**

Replication
Remote Systems
Protection Policies

Appliance	Slot/Module	Node	Health of Ports				Speed (Gbps)
			0	1	2	3	
Cluster2-appliance-1	✓ EmbeddedModule	NodeA	✓	✓	○	○	1 Gbps
		NodeB	✓	✓	○	○	
	✓ 4PortCard	NodeA	✓	✓	✓	✓	25 Gbps
		NodeB	✓	✓	✓	✓	
	✓ IoModule0	NodeA	✓	✓	✓	✓	--
		NodeB	✓	✓	✓	✓	
	✓ IoModule1	NodeA	✓	✓	✓	✓	25 Gbps
		NodeB	✓	✓	✓	✓	

DELL EMC PowerStore Cluster2

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

Replication

PAUSE FAILOVER

Session Status	Source System	Source Resource	Destination System	Destination Resource	Type	ETA	Policy
There are no replications.							

DELL EMC PowerStore Cluster2

Dashboard Monitoring Compute Storage Protection Migration Hardware Settings

Replication

PAUSE FAILOVER

Session Status	Source System	Source Resource	Destination System	Destination Resource	Type	ETA	Policy
There are no replications.							

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

DELL EMC PowerStore Cluster2

Dashboard Monitoring Compute Storage Protection Migration Hardware Settings

Hardware > Cluster2-appliance-1

CAPACITY

Free Physical

0.3% 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

✓ ✓ ✓

Usage

0.3% Used

Used 18.3 GB

Free 6.1 TB

Historical Usage

Physical Used Forecast Forecast Range

5000 GB

2500 GB

0 GB

3 Jan 12 PM 25 Jan

Data Savings

Overall Efficiency

12954.8: 1

33.9: 1

You have saved 987.8 MB of user data

Snap Savings

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	✓	--	--	--	⊖	--

Options:

- A- 1
- B- 2
- C- 4
- D- 6

Answer:

B

Question 5

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

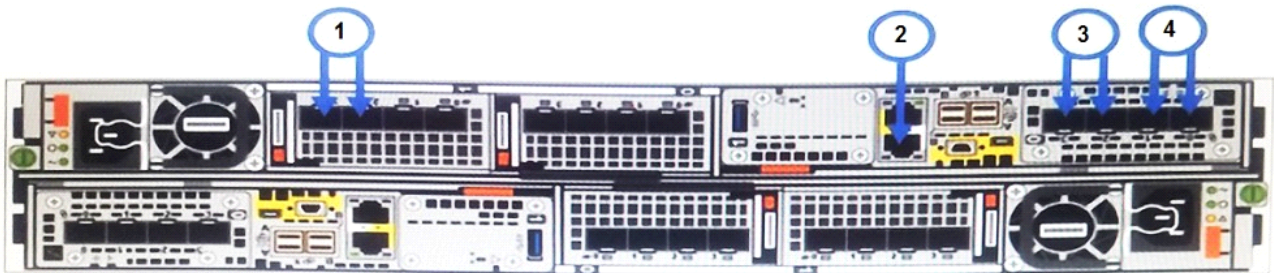
Answer:

A

Question 6

Question Type: MultipleChoice

Refer to the Exhibit.



Which port location in the graphic is used for network management connectivity on a PowerStore T?

Options:

- A- 1
- B- 2
- C- 3
- D- 4

Answer:

B

Question 7

Question Type: MultipleChoice

Which type of network is used for storage migration between appliances?

Options:

- A- Inter-node network
- B- Intra-Cluster Management network
- C- Intra-Cluster Data network
- D- Storage network

Answer:

C

Question 8

Question Type: MultipleChoice

Which network is used by the PowerStore for communication to the cluster database?

Options:

- A- inter-node
- B- ICM
- C- IDN
- D- ICD

Answer:

B

Question 9

Question Type: MultipleChoice

An administrator receives an alert on a PowerStore Cluster with three appliances:

The appliance A1 is projected to run out of space in 8 days Capacity utilization is above 90 percent

Which tools are available to assist the Administrator with a potential resolution?

Options:

- A- Thin provision conversion wizard
- B- System Optimization
- C- Space reclamation wizard
- D- Assisted Migration

Answer:

D

Question 10

Question Type: MultipleChoice

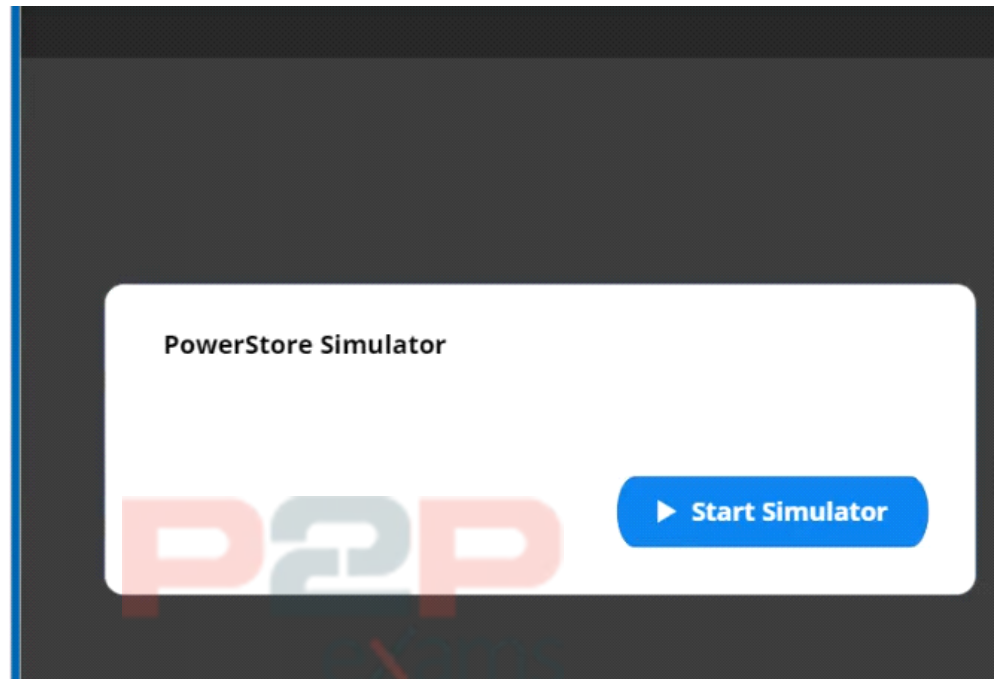
You are a network administrator that needs to setup a Data switch model S5248F-ON to be used for PowerStore 7000T system Use the Simulator to:

- 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
#
```

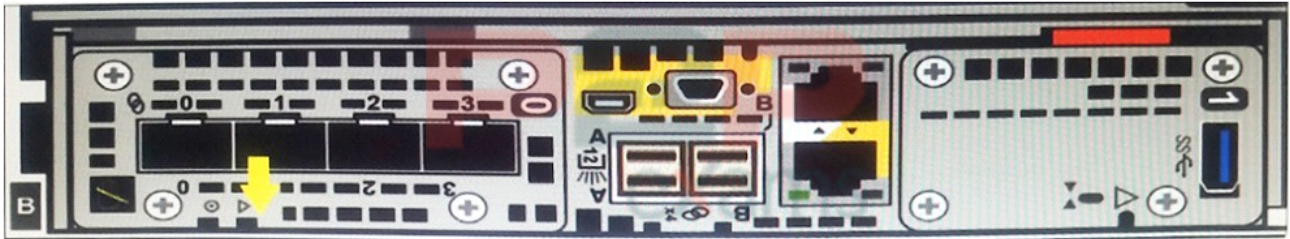
Answer:

A

Question 11

Question Type: MultipleChoice

Refer to the Exhibit.



Note the yellow arrow. A Data Center Engineer notices that the LED is blinking blue and amber alternating at one second intervals. What does this indicate?

Options:

- A- Node is Degraded
- B- System is booting
- C- Node in Service Mode
- D- System not initialized

Answer:

C

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