Free Questions for DES-1221 by dumpshq

Shared by Warren on 12-12-2023

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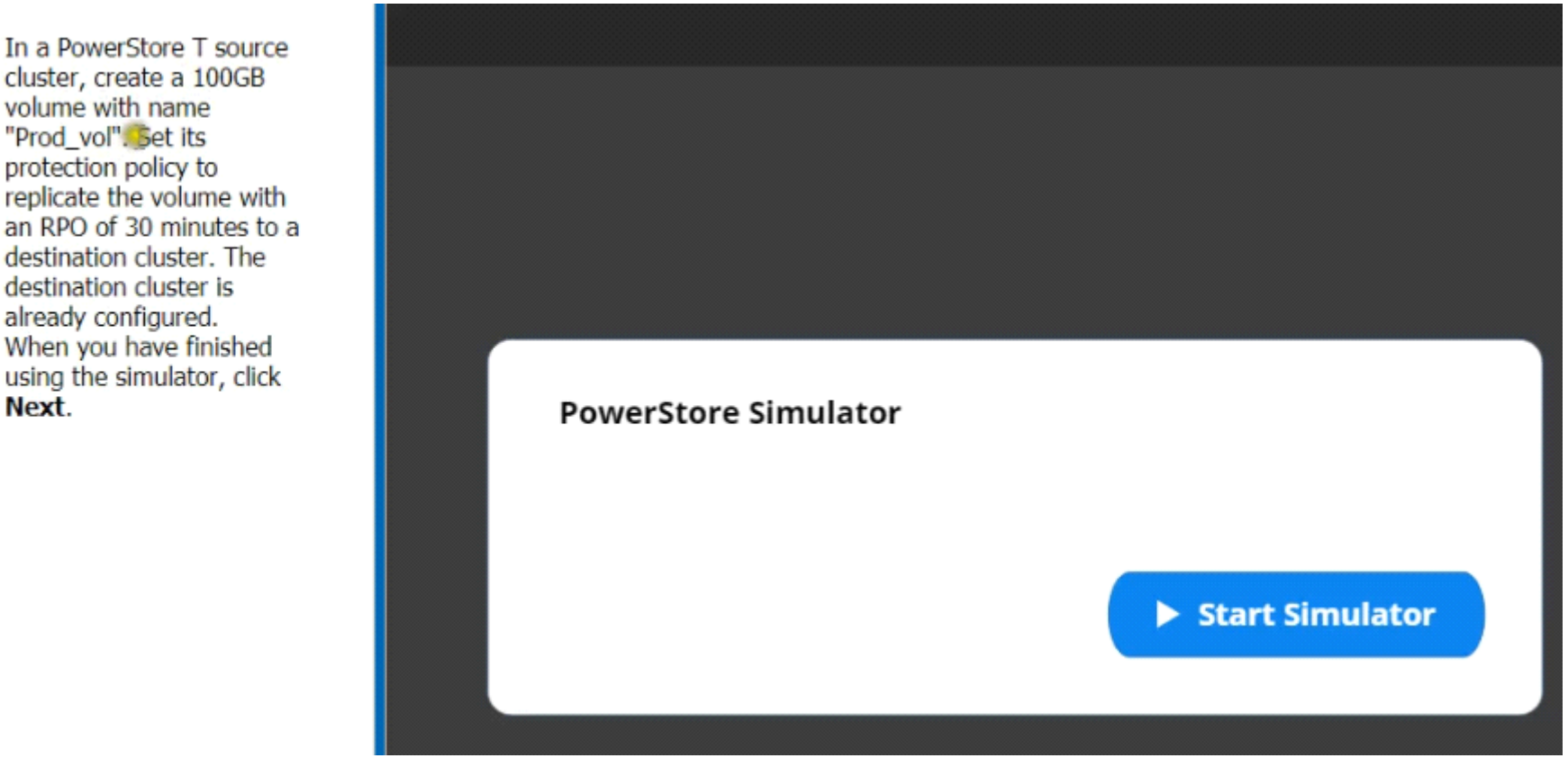
Question 1

Question Type: MultipleChoice

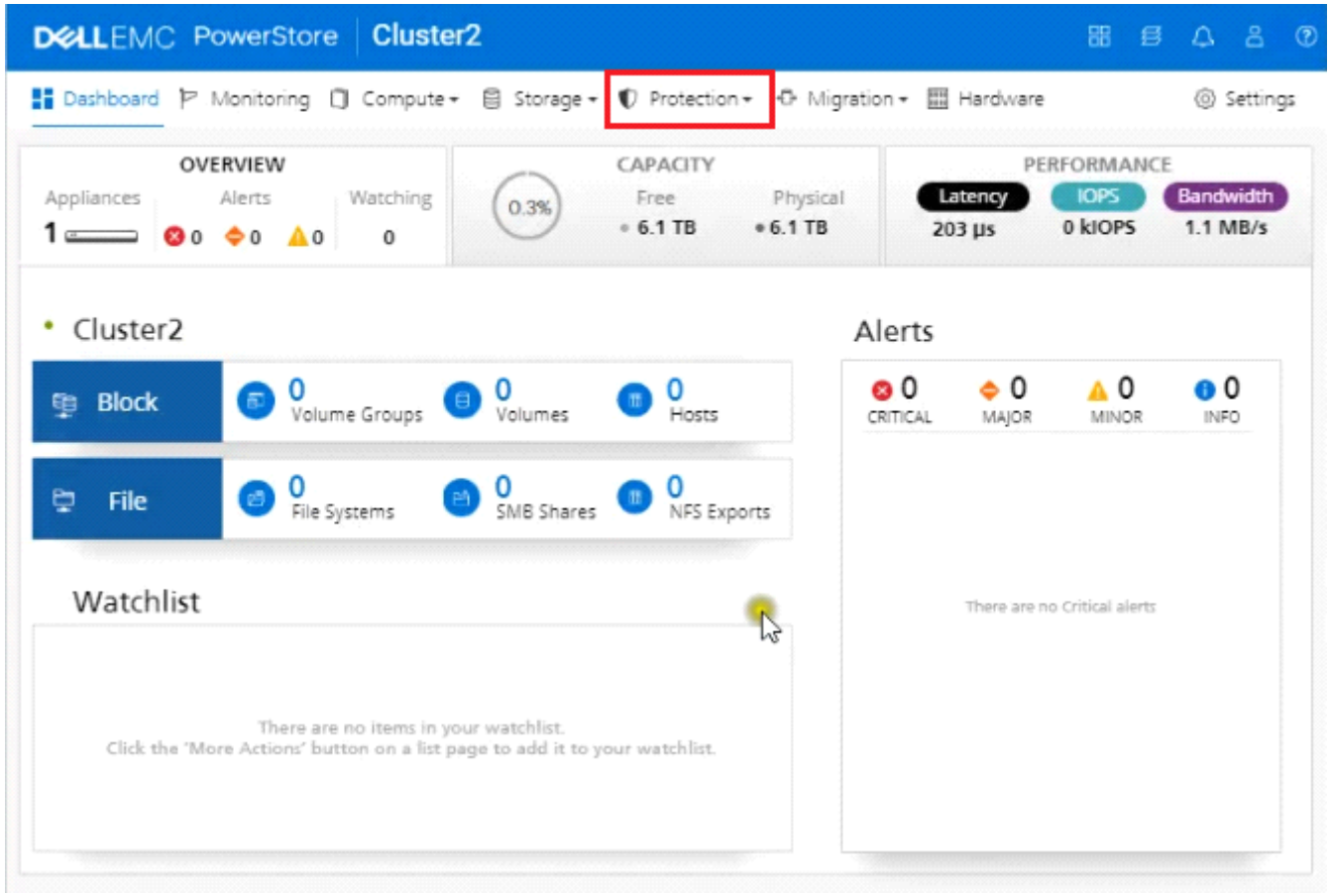
In a PowerStore T source cluster, create a 100GB volume with name "Prod_vol" and set a protection policy to replicate the volume with RPO 30 minutes to a destination cluster. The destination cluster is already configured. When you have finished using the simulator, click Next.

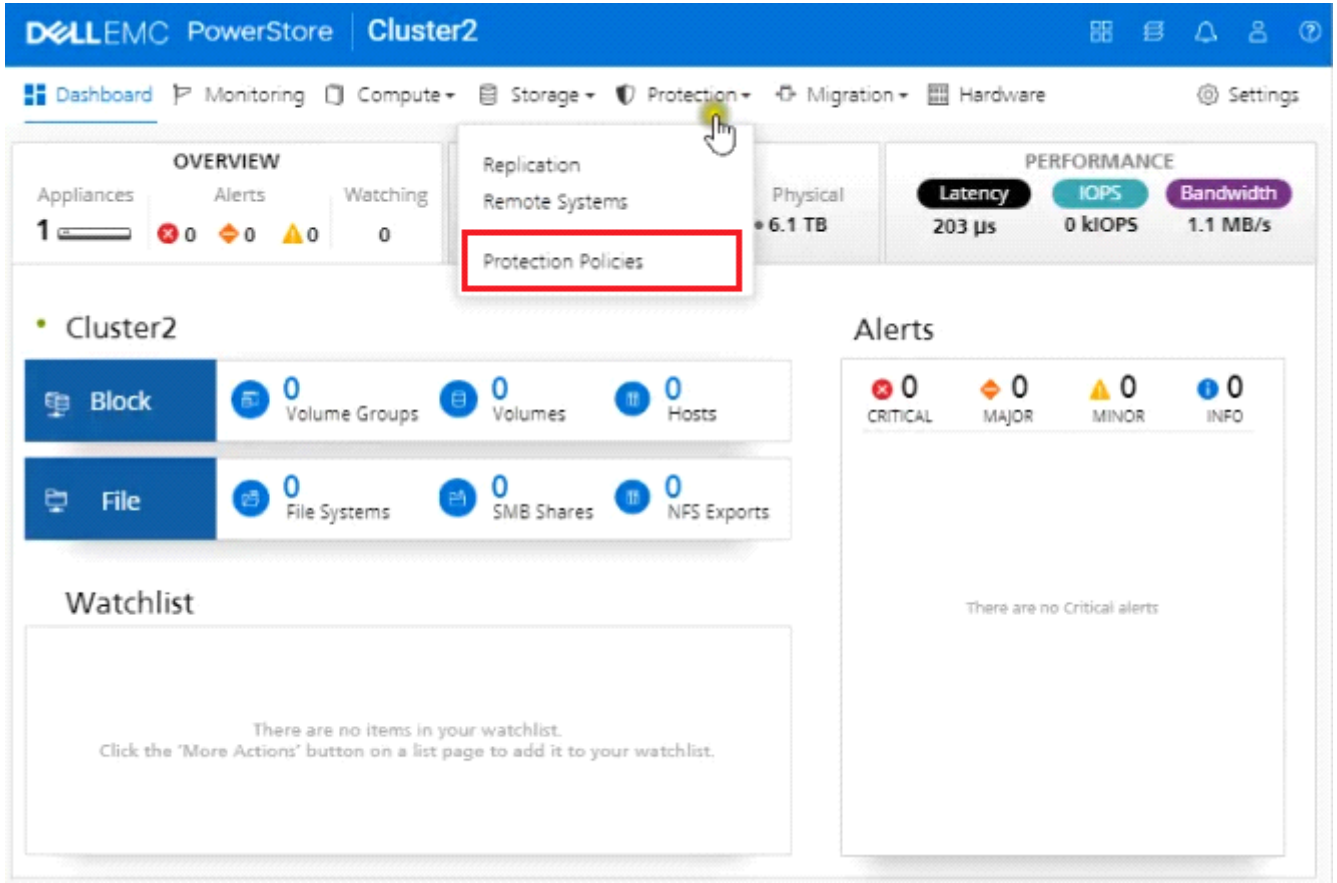


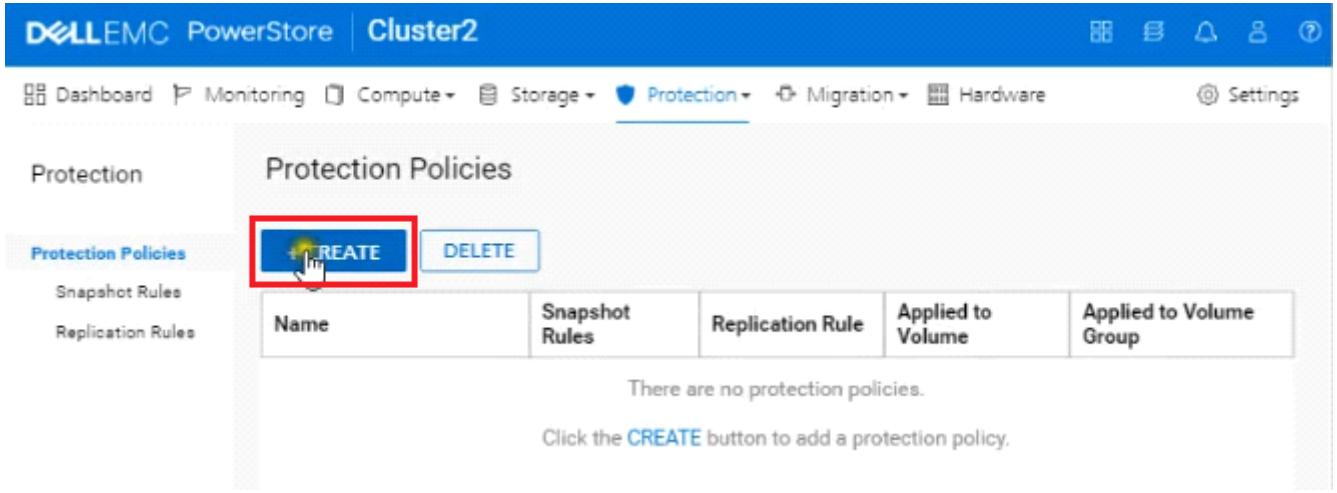
Options:

A- Explanation:

Below are the exhibits solution for this simulation.




DELL EMC PowerStore | Cluster2
Dashboard
Monitoring
Compute
Storage
Protection
Migration
Hardware
Settings
Replication
Remote Systems
Protection Policies
OVERVIEW
Appliances
1
Alerts
0
0
0
Watching
0
Physical
6.1 TB
PERFORMANCE
Latency
203 µs
IOPS
0 kIOPS
Bandwidth
1.1 MB/s
Cluster2
Block
0 Volume Groups
0 Volumes
0 Hosts
File
0 File Systems
0 SMB Shares
0 NFS Exports
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
Protection
Protection Policies
Snapshot Rules
Replication Rules
Protection Policies
CREATE
DELETE
Name
Snapshot Rules
Replication Rule
Applied to Volume
Applied to Volume Group
There are no protection policies.
Click the CREATE button to add a protection policy.

Create Protection Policy

Policy Properties

Name

Prod-Rep

Description (Optional)

Enter Description

Snapshot Rules

+ CREATE

Name	Days	Frequency/ Start Time	Retention	Policies	File Snapshot Access Type

Replication Rules

Create Protection Policy

Snapshot Rules

+ CREATE

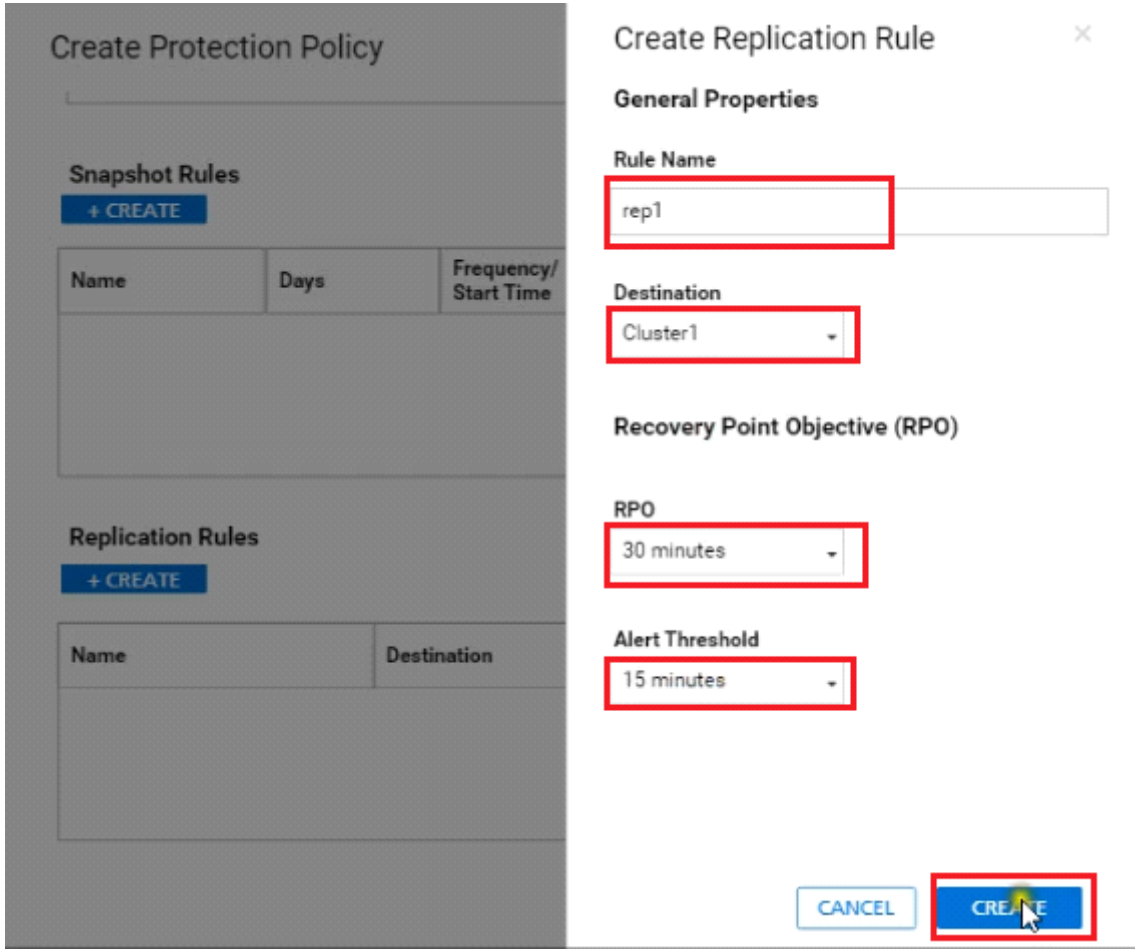
Name	Days	Frequency/ Start Time	Retention	Policies	File Snapshot Access Type

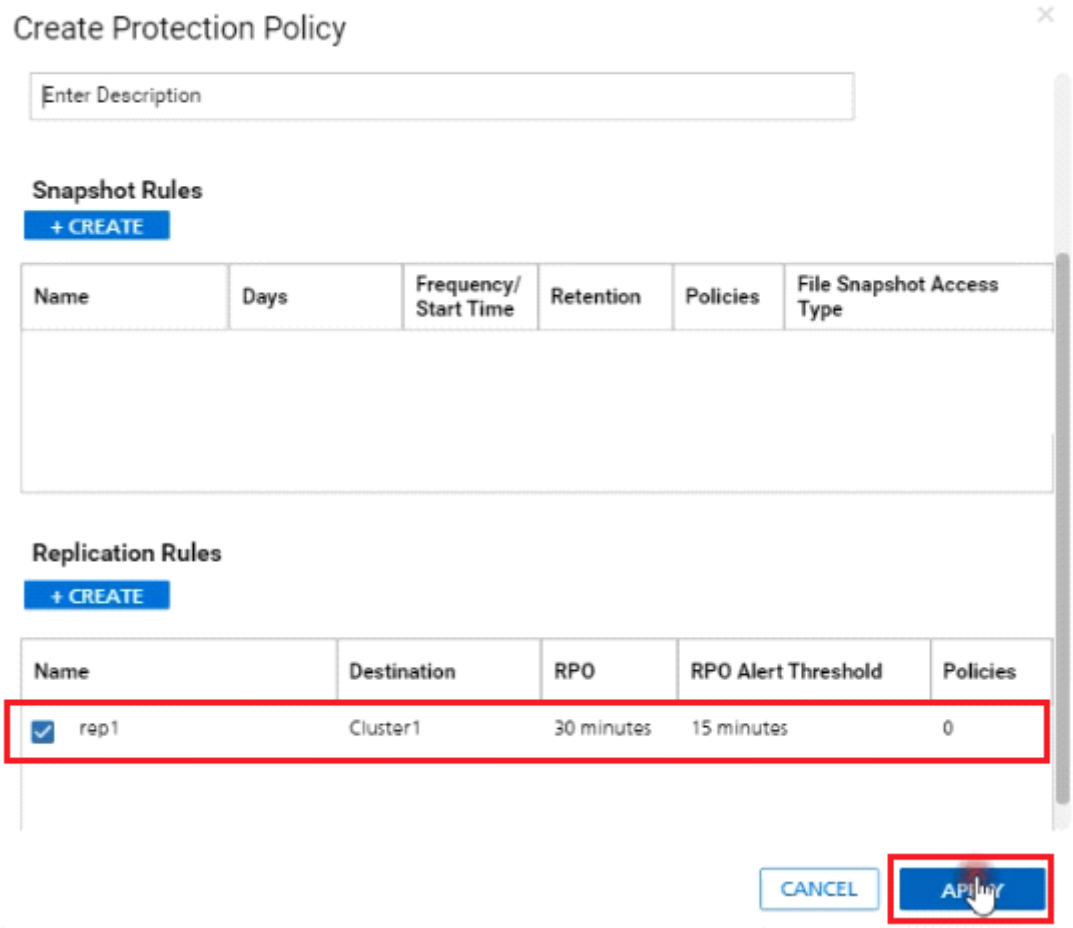
Replication Rules

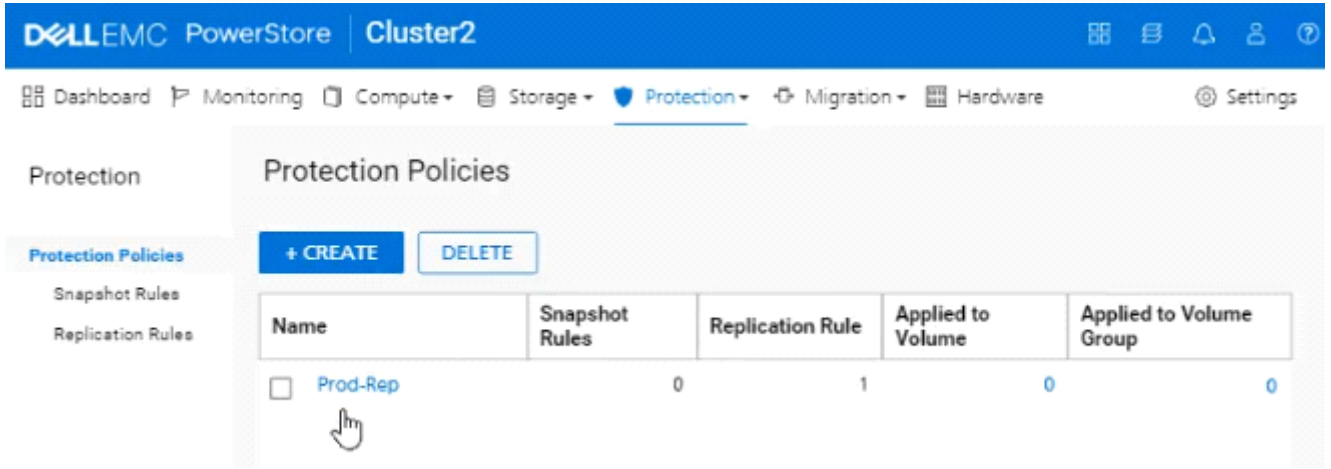
+ CREATE

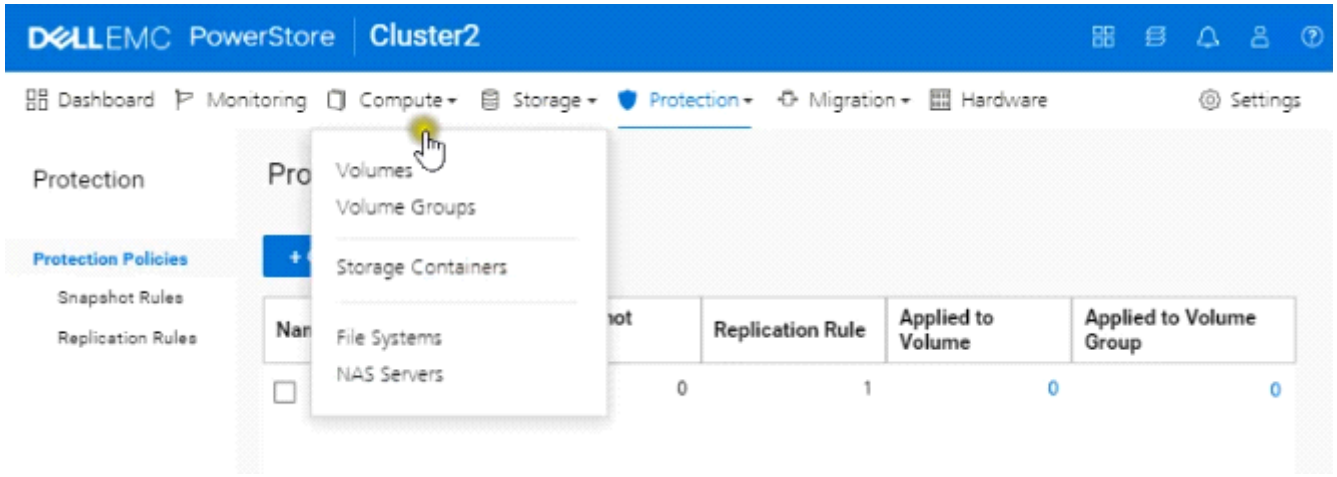
Name	Destination	RPO	RPO Alert Threshold	Policies

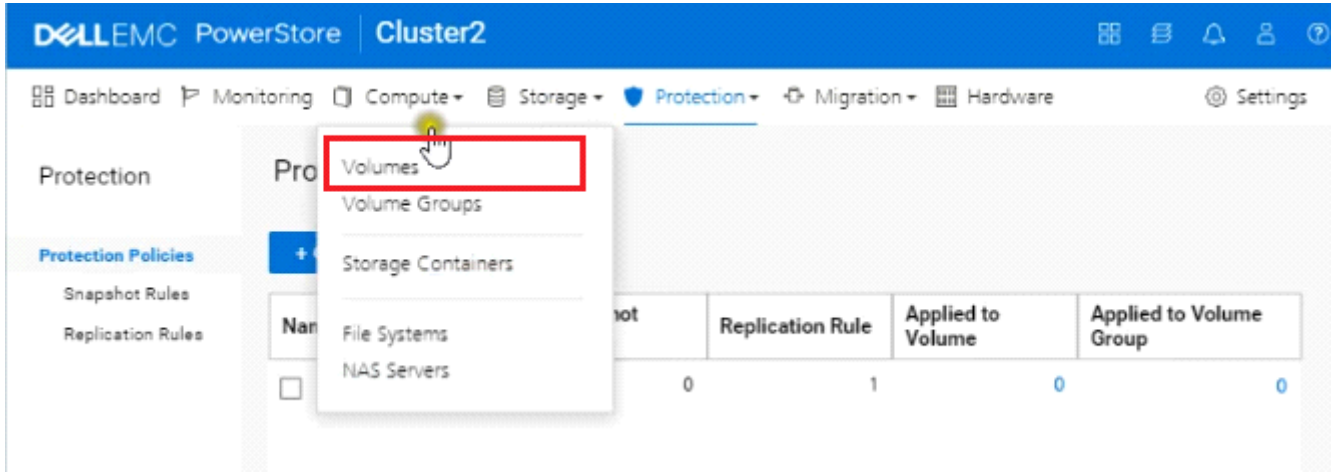
CANCEL APPLY

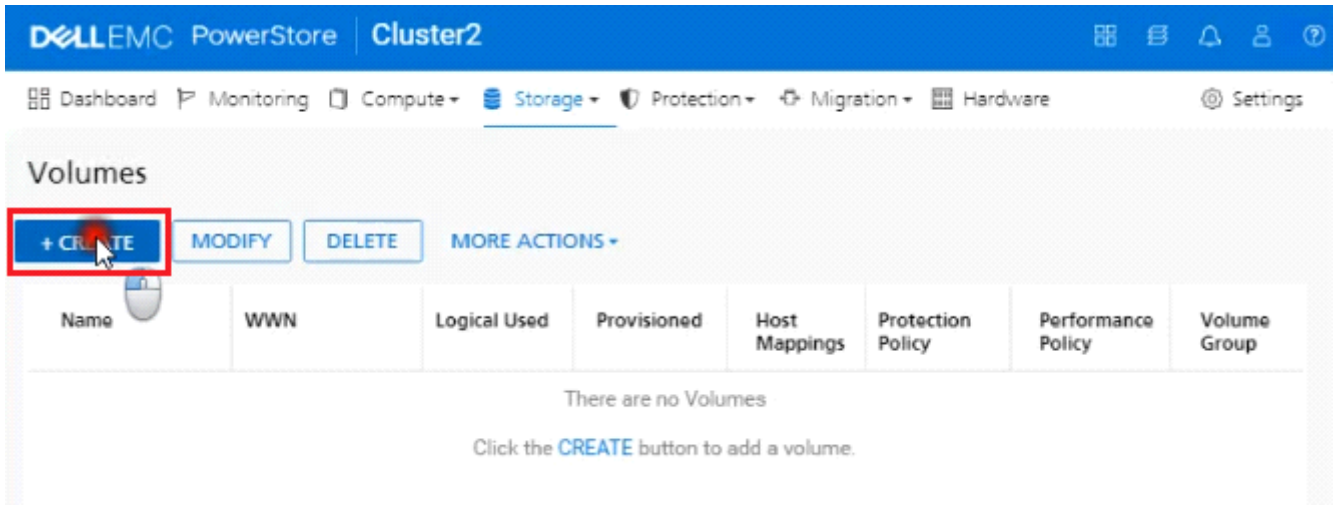

Create Protection Policy
Snapshot Rules
+ CREATE
Name
Days
Frequency/ Start Time
Replication Rules
+ CREATE
Name
Destination
Create Replication Rule
General Properties
Rule Name
rep1
Destination
Cluster1
Recovery Point Objective (RPO)
RPO
30 minutes
Alert Threshold
15 minutes
CANCEL
CREATE


Create Protection Policy
Enter Description
Snapshot Rules
+ CREATE
Name
Days
Frequency/ Start Time
Retention
Policies
File Snapshot Access Type
Replication Rules
+ CREATE
Name
Destination
RPO
RPO Alert Threshold
Policies
rep1
Cluster1
30 minutes
15 minutes
0
CANCEL
APPLY

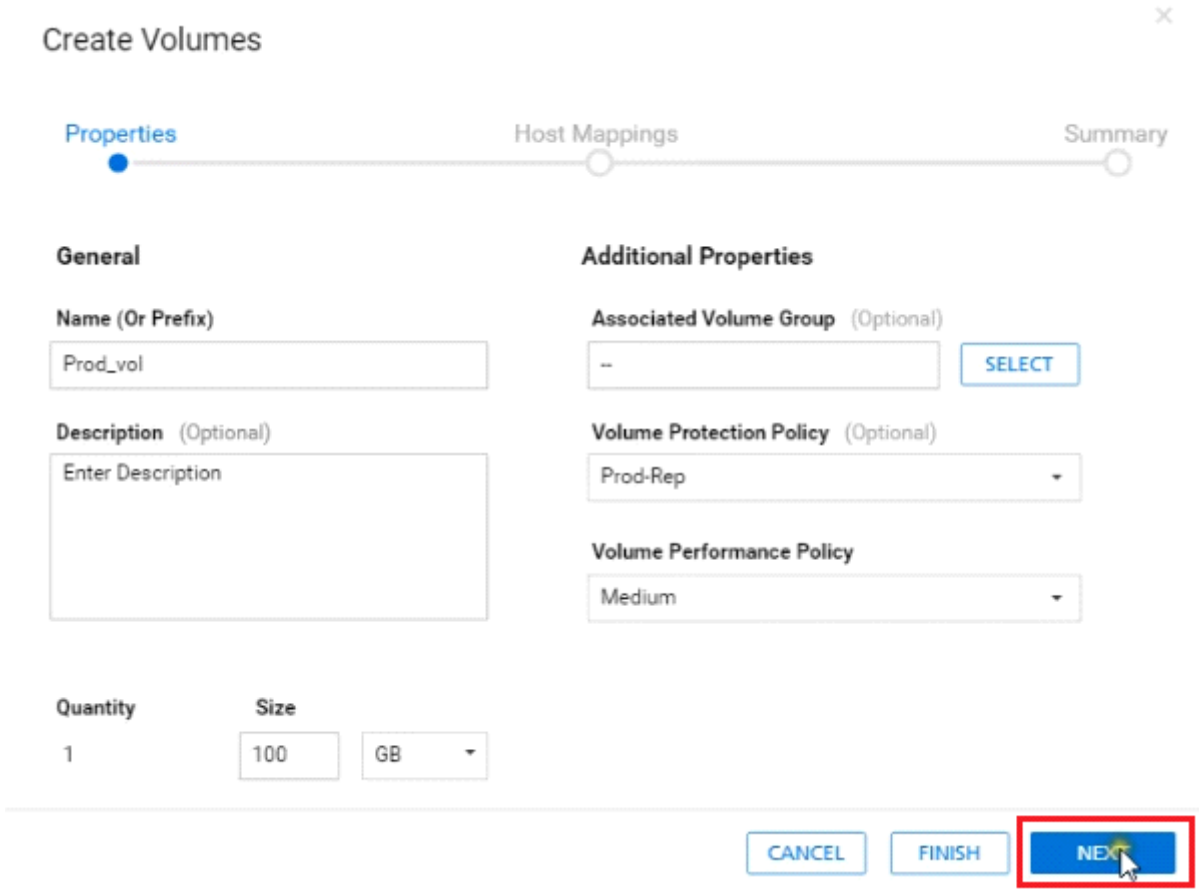

DELL EMC PowerStore | Cluster2
Dashboard
Monitoring
Compute
Storage
Protection
Migration
Hardware
Settings
Protection
Protection Policies
Protection Policies
Snapshot Rules
Replication Rules
+ CREATE
DELETE
Name
Snapshot Rules
Replication Rule
Applied to Volume
Applied to Volume Group
Prod-Rep
0
1
0
0

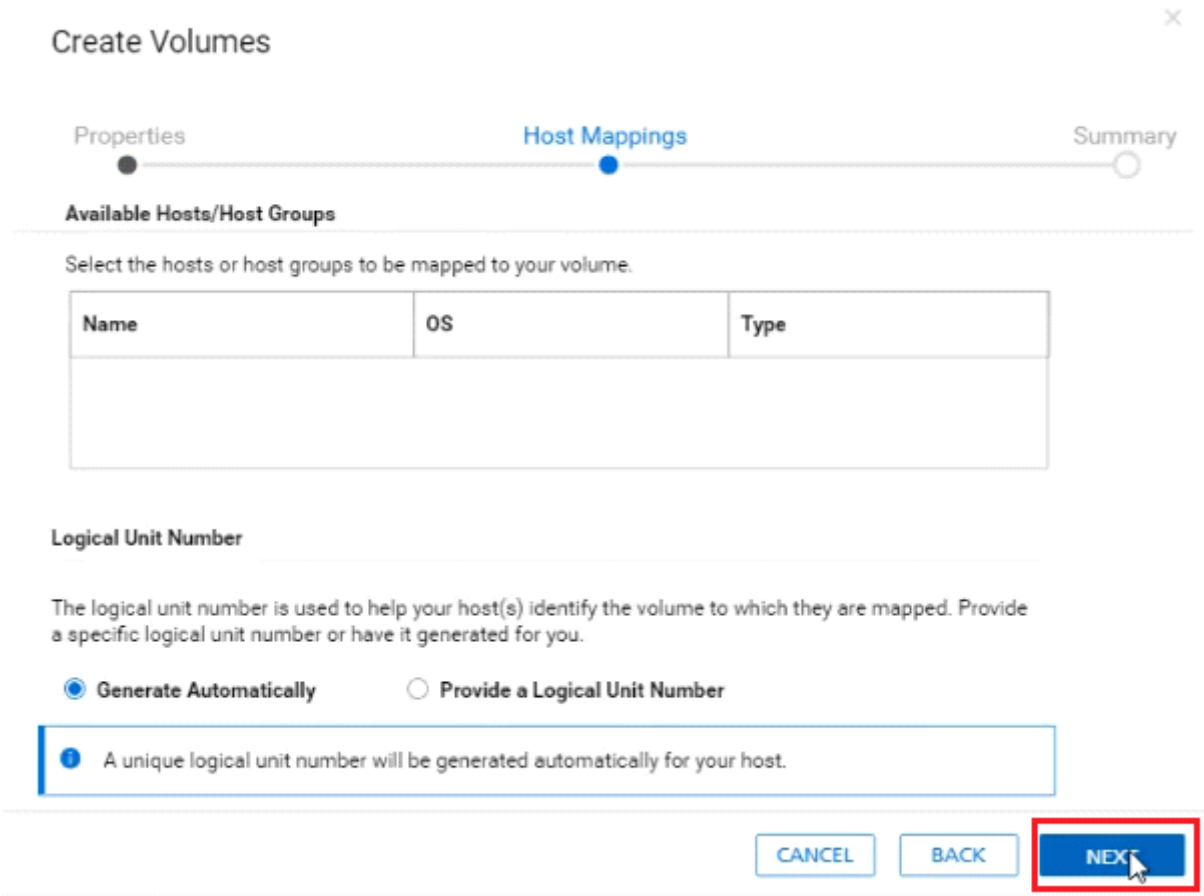

DELL EMC PowerStore | Cluster2
Dashboard
Monitoring
Compute
Storage
Protection
Migration
Hardware
Settings
Protection
Protection Policies
Snapshot Rules
Replication Rules
Volumes
Volume Groups
Storage Containers
File Systems
NAS Servers
Replication Rule
Applied to Volume
Applied to Volume Group
0
1
0
0

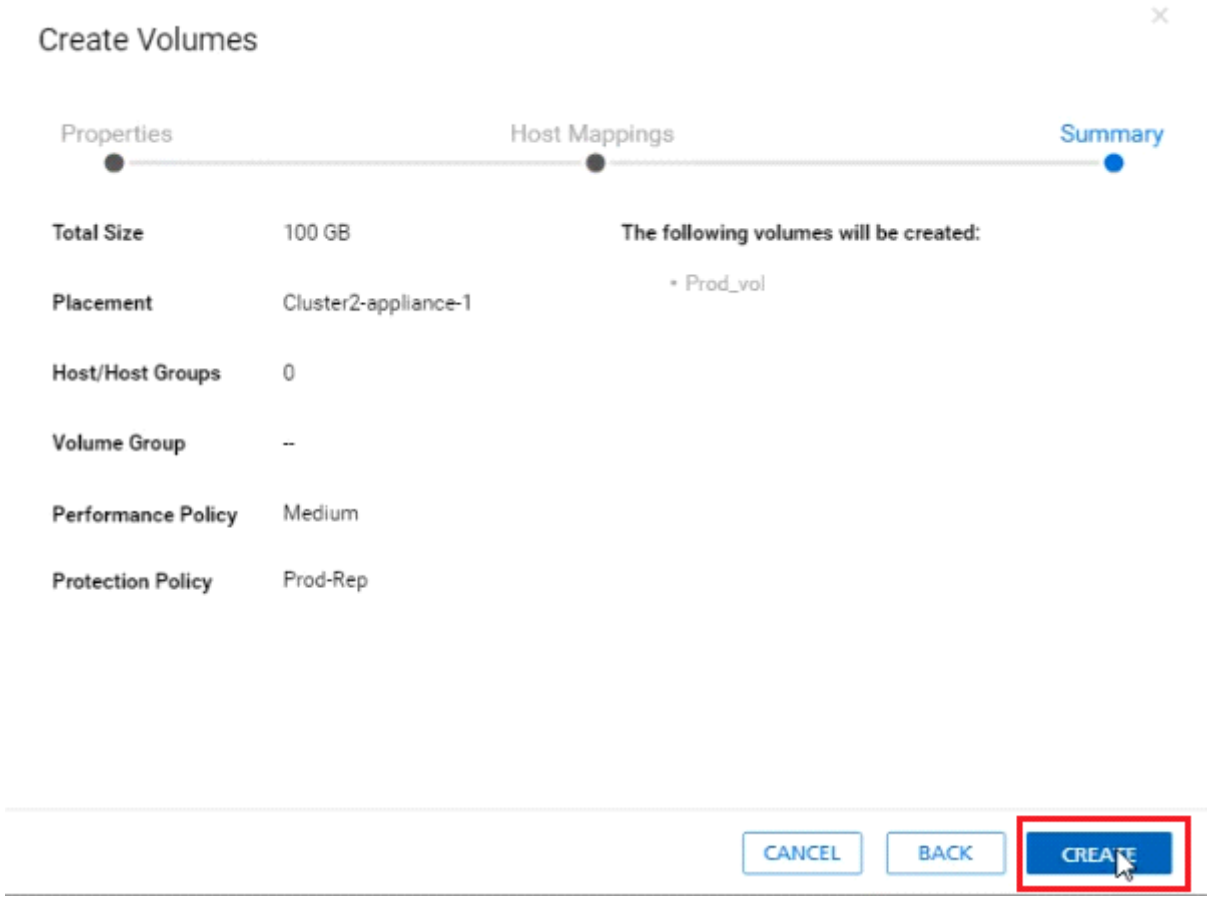

DELL EMC PowerStore | Cluster2
Dashboard
Monitoring
Compute
Storage
Protection
Migration
Hardware
Settings
Protection
Protection Policies
Snapshot Rules
Replication Rules
Volumes
Volume Groups
Storage Containers
File Systems
NAS Servers
Replication Rule
Applied to Volume
Applied to Volume Group
0
1
0
0

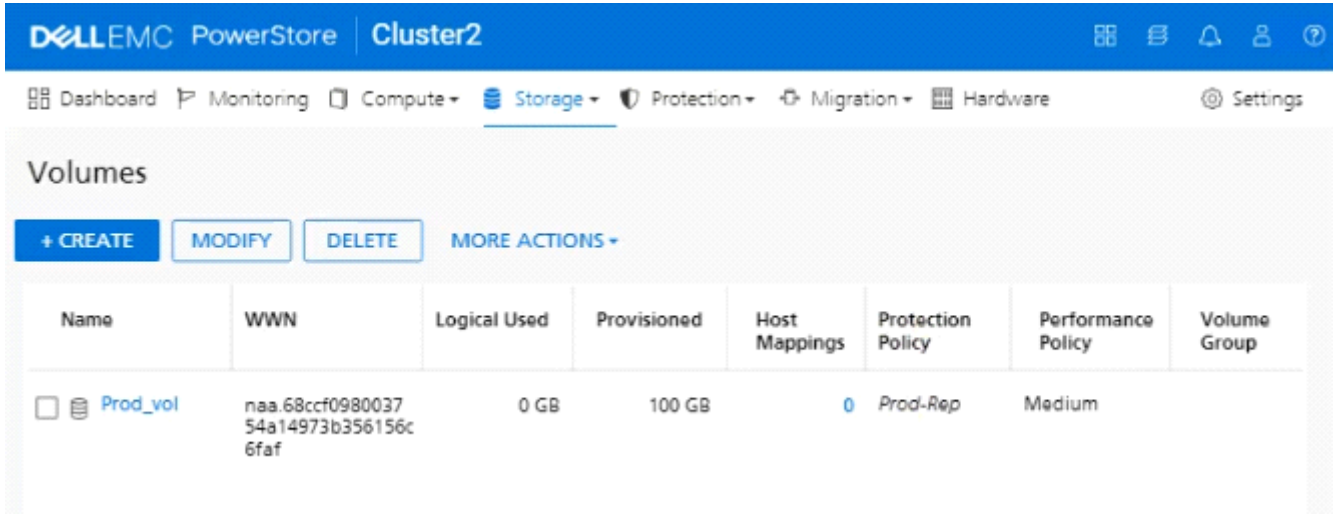

DELL EMC PowerStore | Cluster2
Dashboard
Monitoring
Compute
Storage
Protection
Migration
Hardware
Settings
Volumes
MODIFY
DELETE
MORE ACTIONS
Name
WWN
Logical Used
Provisioned
Host Mappings
Protection Policy
Performance Policy
Volume Group
There are no Volumes
Click the CREATE button to add a volume.

Create Volumes
Properties
Host Mappings
Summary
General
Name (Or Prefix)
Prod_vol
Description (Optional)
Enter Description
Additional Properties
Associated Volume Group (Optional)
--
SELECT
Volume Protection Policy (Optional)
--
None
Prod-Rep
Quantity
Size
1
100
GB
CANCEL
FINISH
NEXT


Create Volumes
Properties
Host Mappings
Summary
General
Name (Or Prefix)
Prod_vol
Description (Optional)
Enter Description
Additional Properties
Associated Volume Group (Optional)
--
SELECT
Volume Protection Policy (Optional)
Prod-Rep
Volume Performance Policy
Medium
Quantity
Size
1
100
GB
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
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
A unique logical unit number will be generated automatically for your host.
CANCEL
BACK
NEXT


Create Volumes
Properties
Host Mappings
Summary
Total Size
100 GB
Placement
Cluster2-appliance-1
Host/Host Groups
0
Volume Group
--
Performance Policy
Medium
Protection Policy
Prod-Rep
The following volumes will be created:
• Prod_vol
CANCEL
BACK
CREATE



Answer:

A

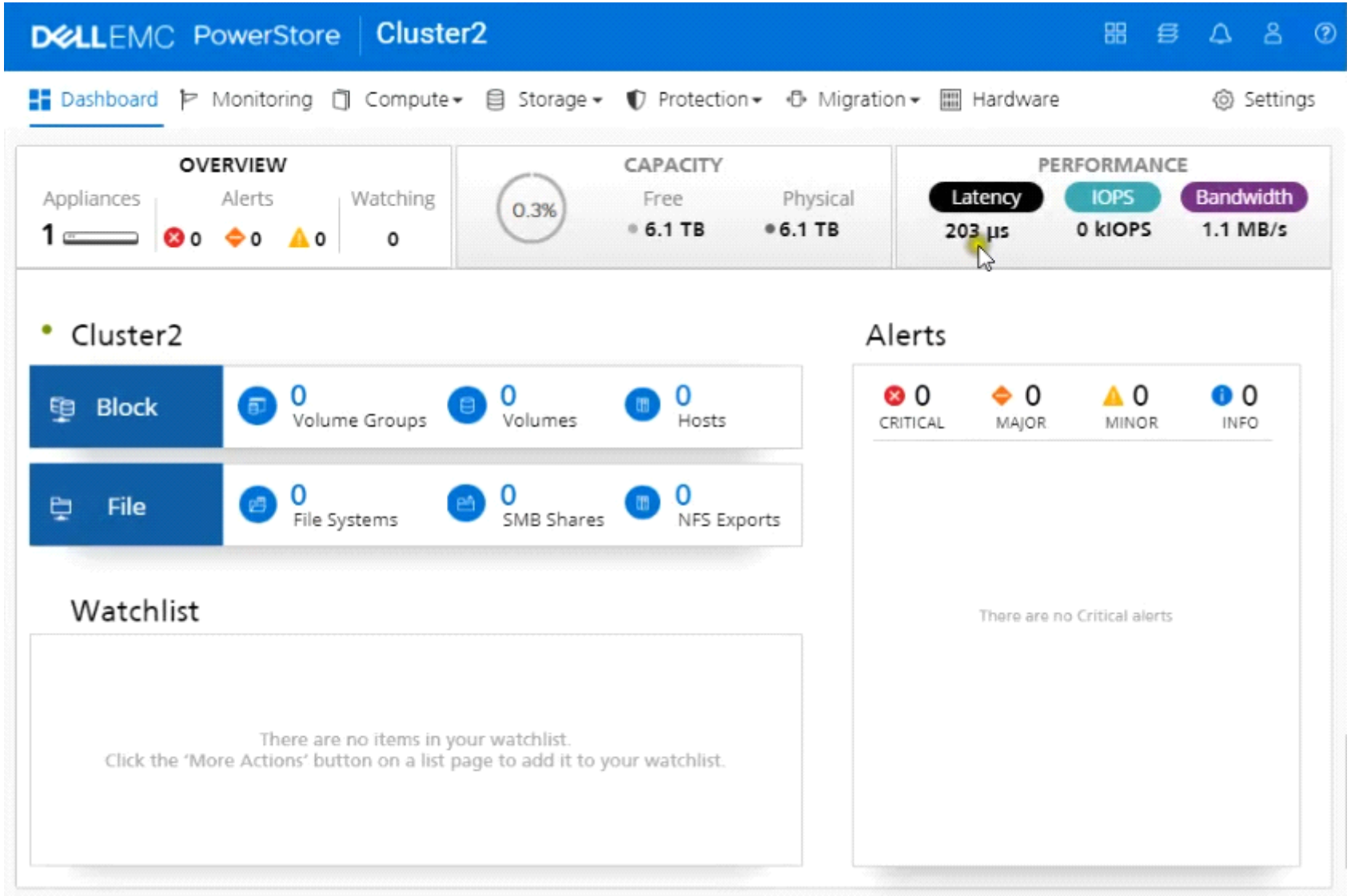
Question 2

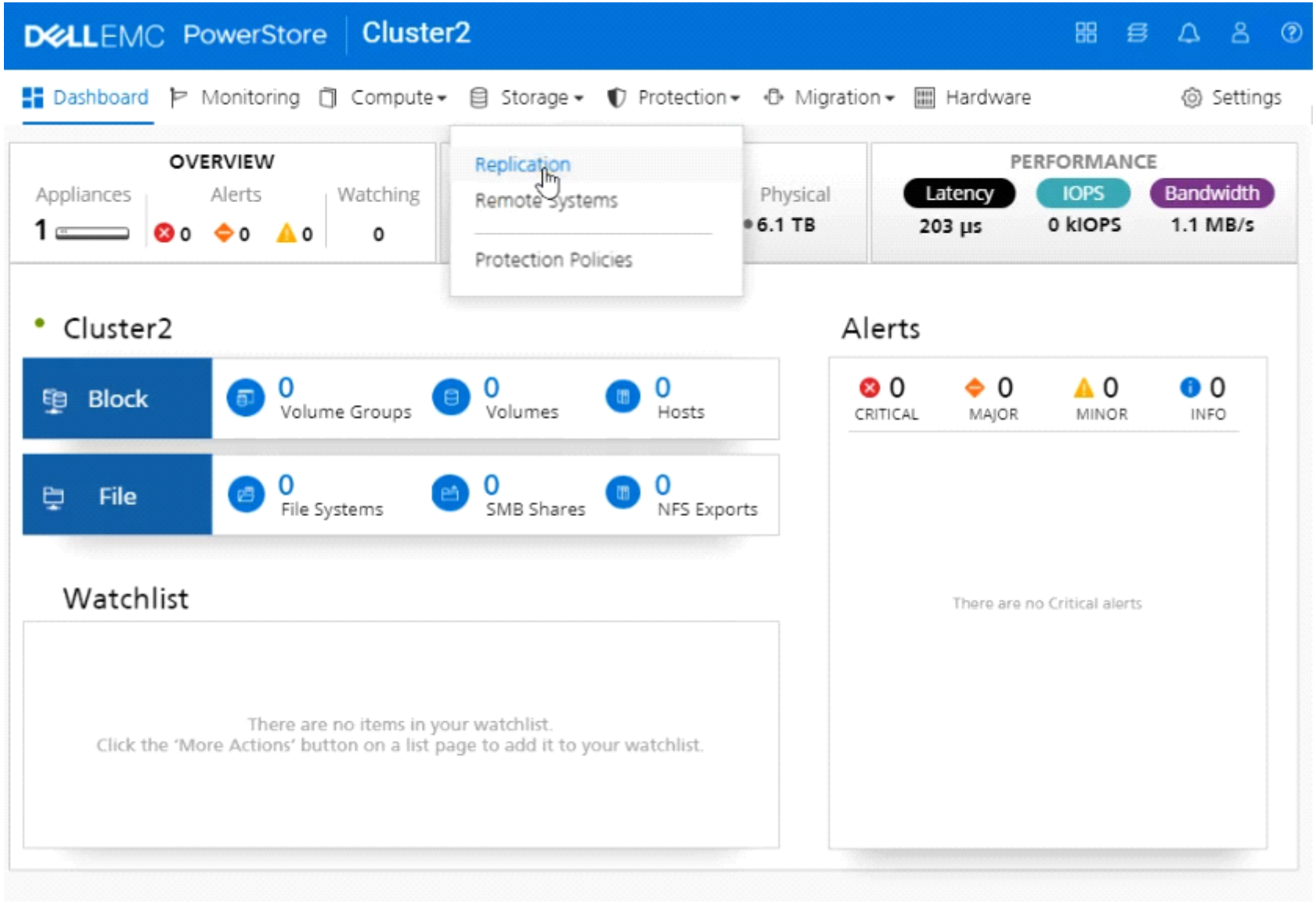
Question Type: MultipleChoice

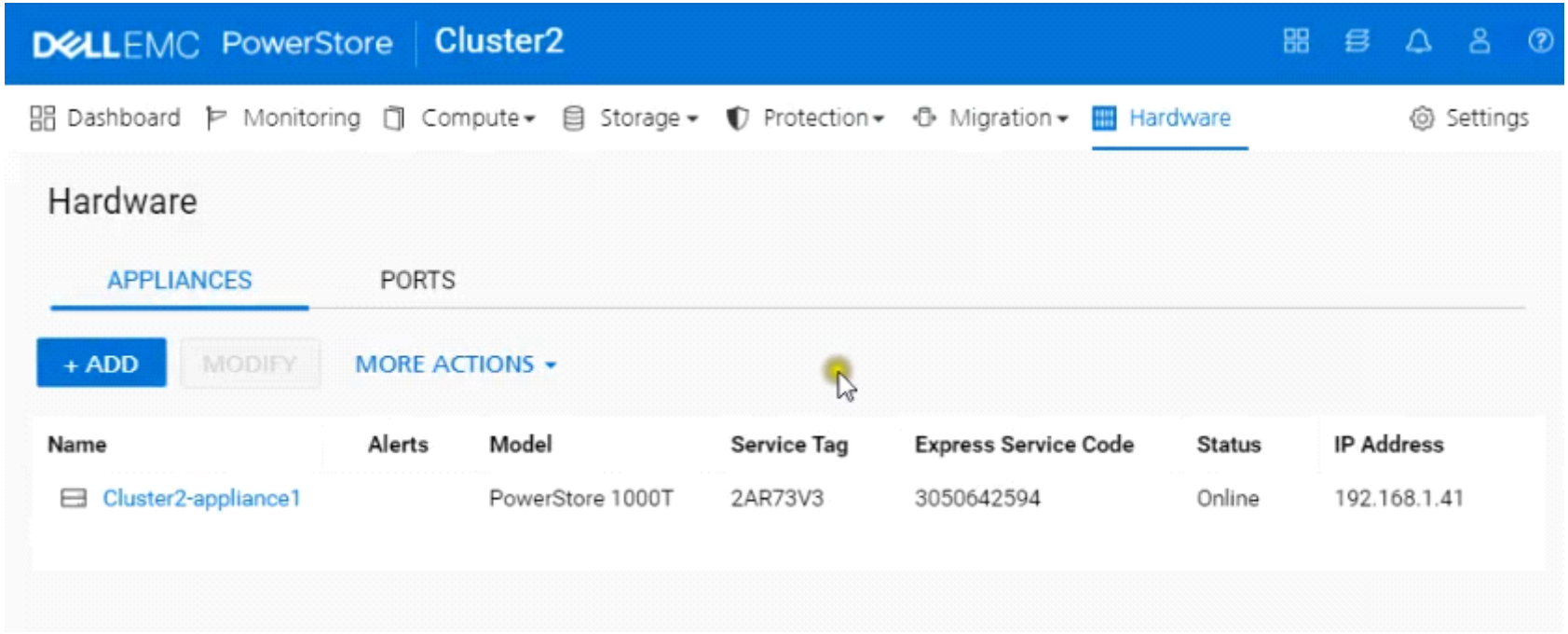
Use the simulator to determine how many logical ports are currently marked for replication on the PowerStore appliance.

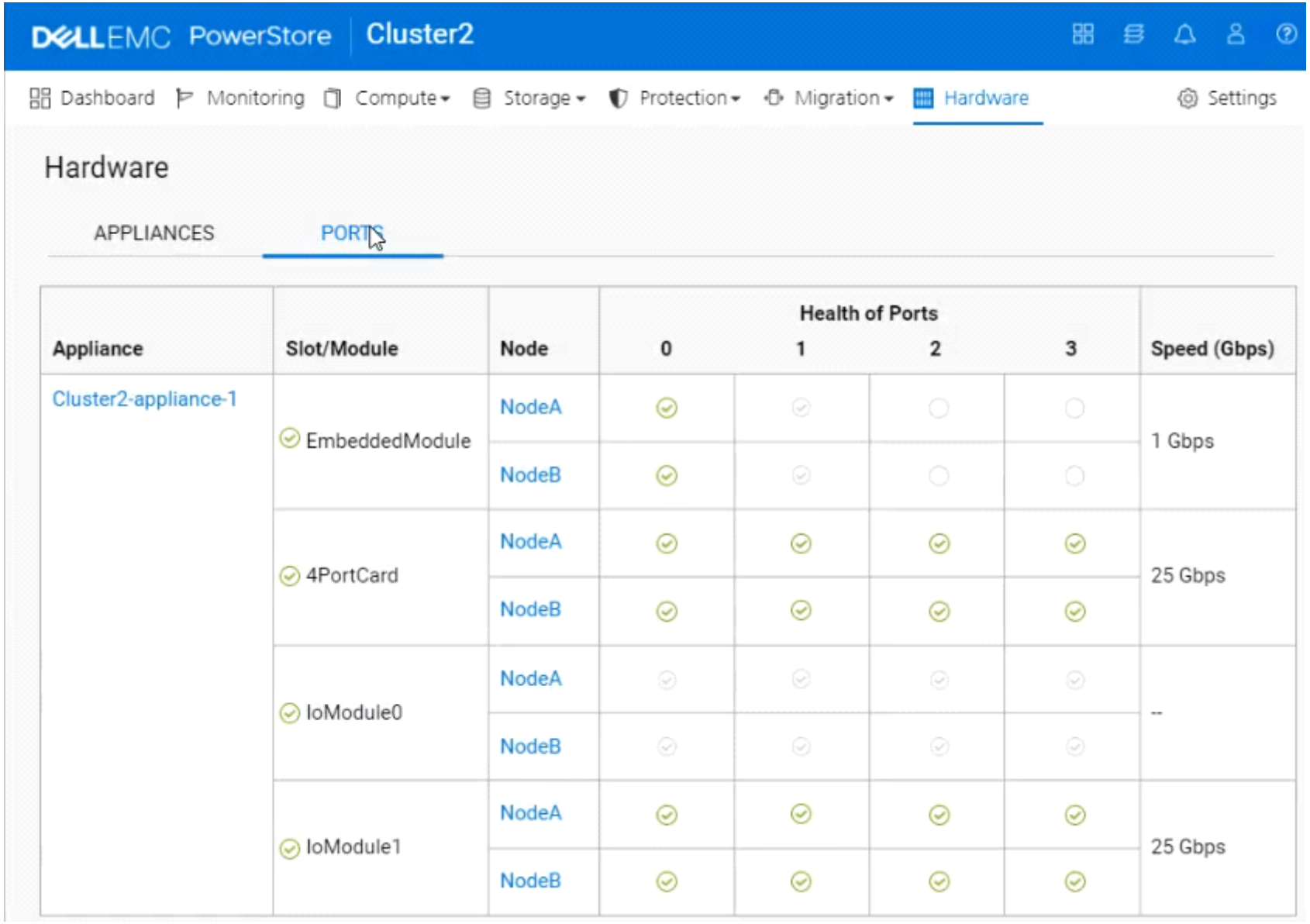
Note: It is necessary to close (x) the simulator window before you can select a response to this question.

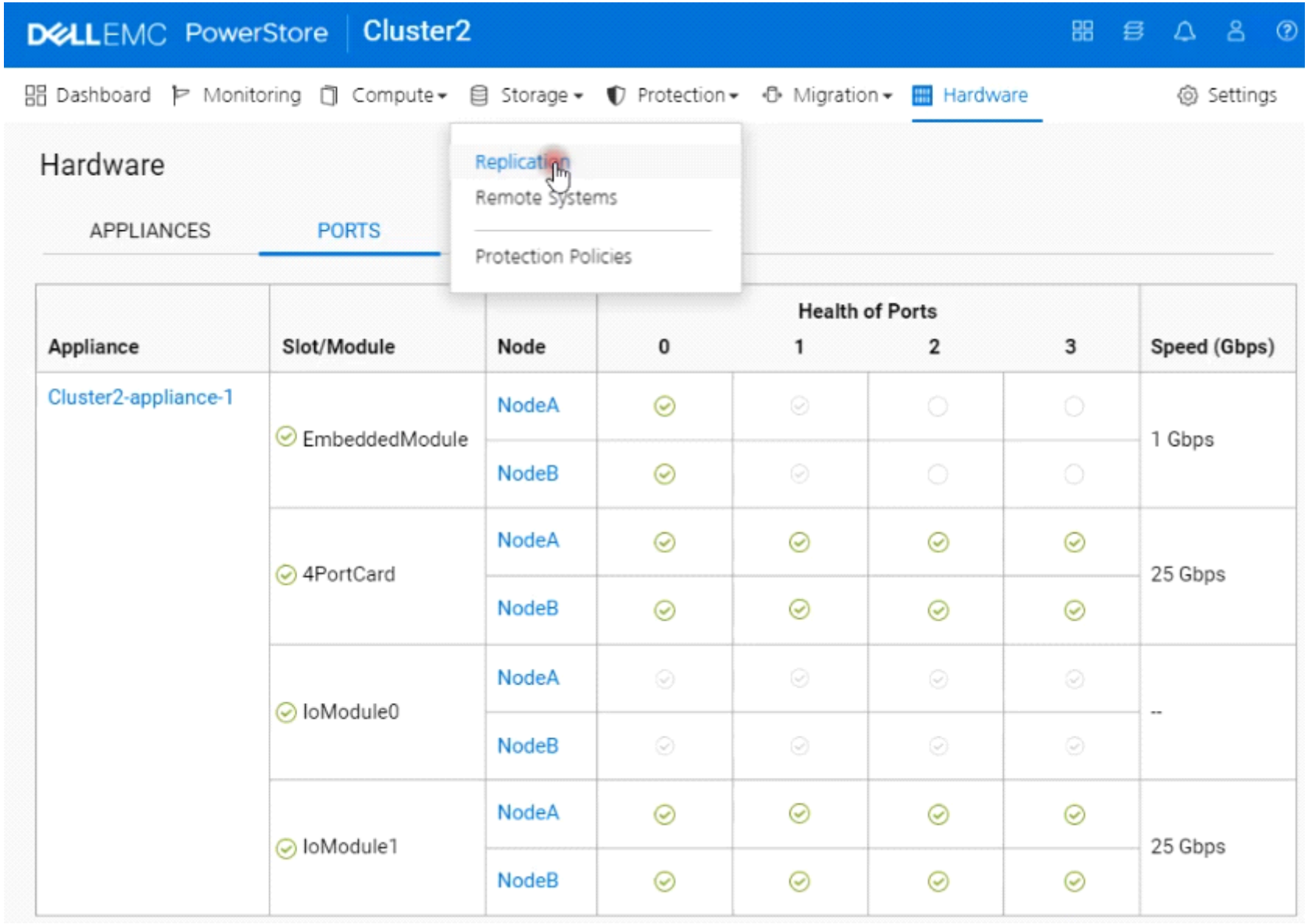
Simulator:

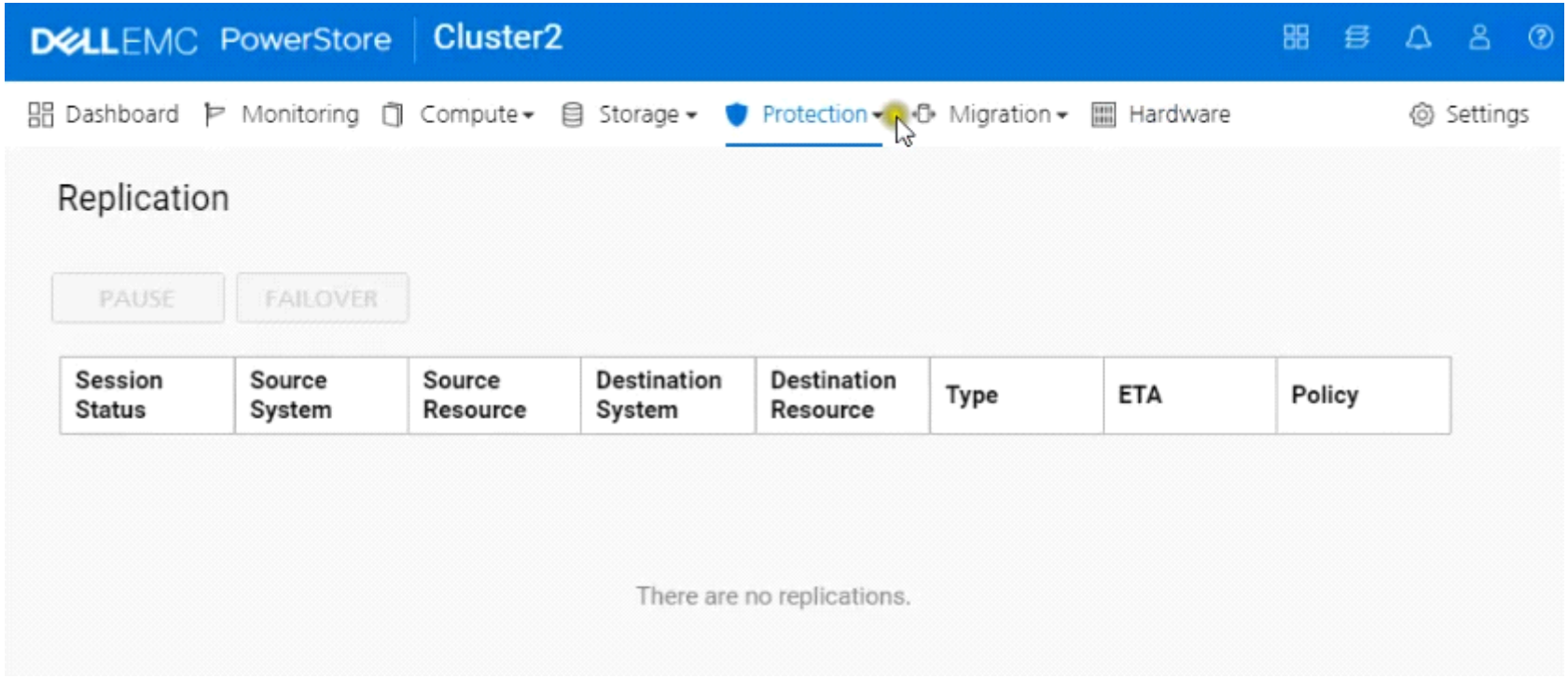

DELL EMC PowerStore | Cluster2
Dashboard
Monitoring
Compute
Storage
Protection
Migration
Hardware
Settings
OVERVIEW
Appliances
1
Alerts
0
0
0
Watching
0
CAPACITY
0.3%
Free
6.1 TB
Physical
6.1 TB
PERFORMANCE
Latency
203 µs
IOPS
0 kIOPS
Bandwidth
1.1 MB/s
Cluster2
Block
0
Volume Groups
0
Volumes
0
Hosts
File
0
File Systems
0
SMB Shares
0
NFS Exports
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

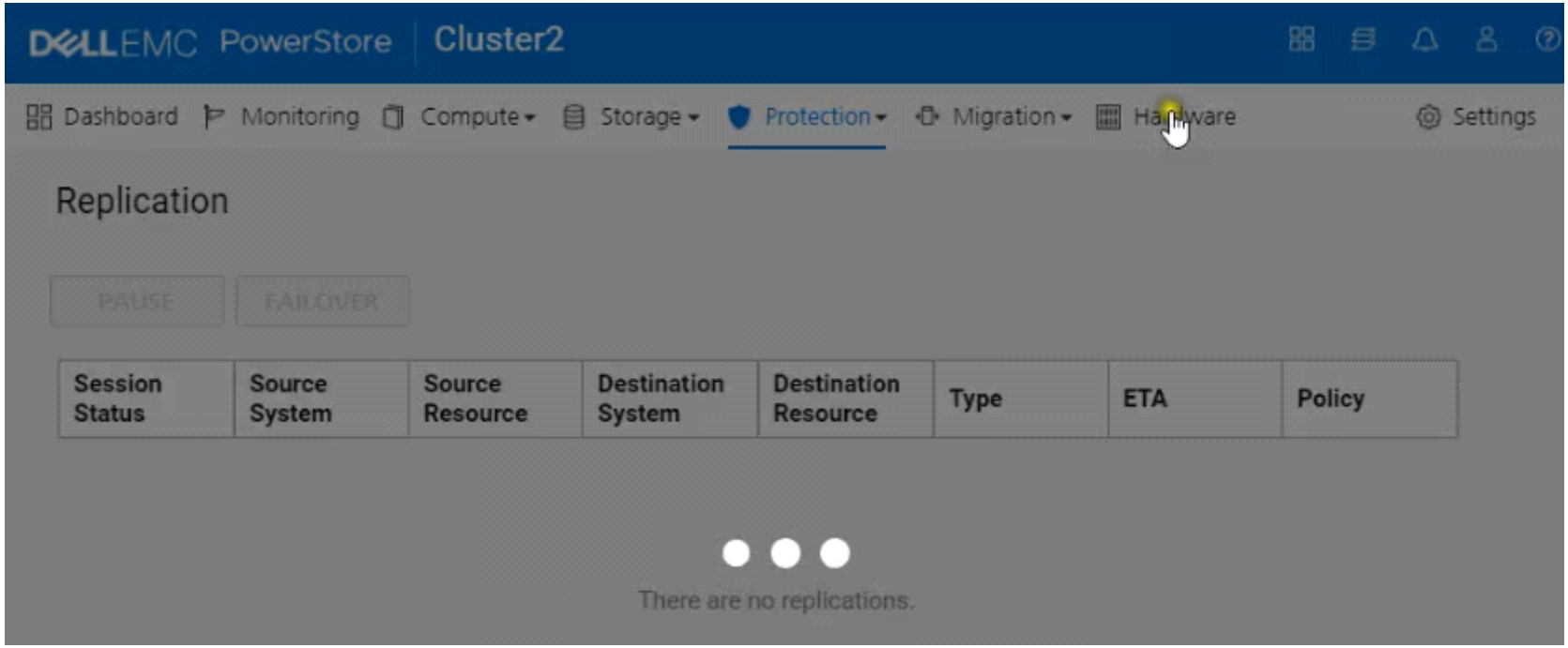

DELL EMC PowerStore | Cluster2
Dashboard
Monitoring
Compute
Storage
Protection
Migration
Hardware
Settings
OVERVIEW
Appliances
1
Alerts
0
0
0
Watching
0
Replication
Remote Systems
Protection Policies
Physical
6.1 TB
PERFORMANCE
Latency
203 µs
IOPS
0 kIOPS
Bandwidth
1.1 MB/s
Cluster2
Block
0
Volume Groups
0
Volumes
0
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.

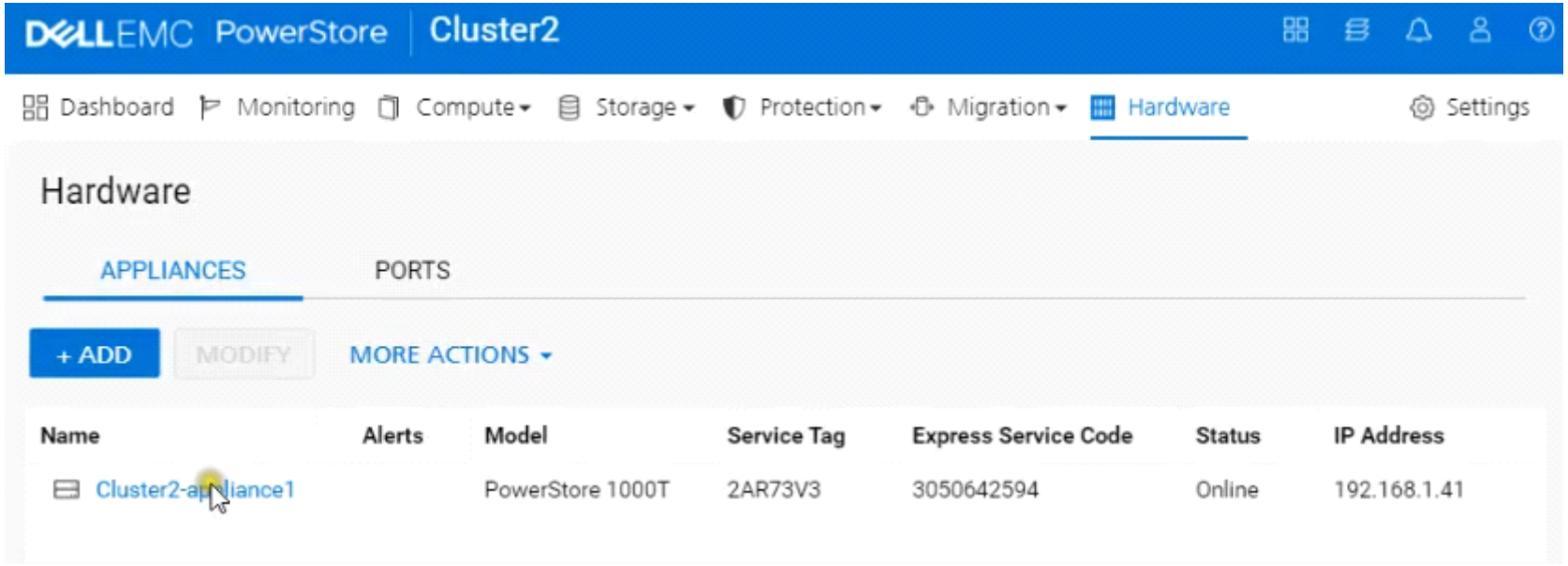

DELL EMC PowerStore | Cluster2
Dashboard
Monitoring
Compute
Storage
Protection
Migration
Hardware
Settings
Hardware
APPLIANCES
PORTS
+ ADD
MODIFY
MORE ACTIONS
Name
Alerts
Model
Service Tag
Express Service Code
Status
IP Address
Cluster2-appliance1
PowerStore 1000T
2AR73V3
3050642594
Online
192.168.1.41

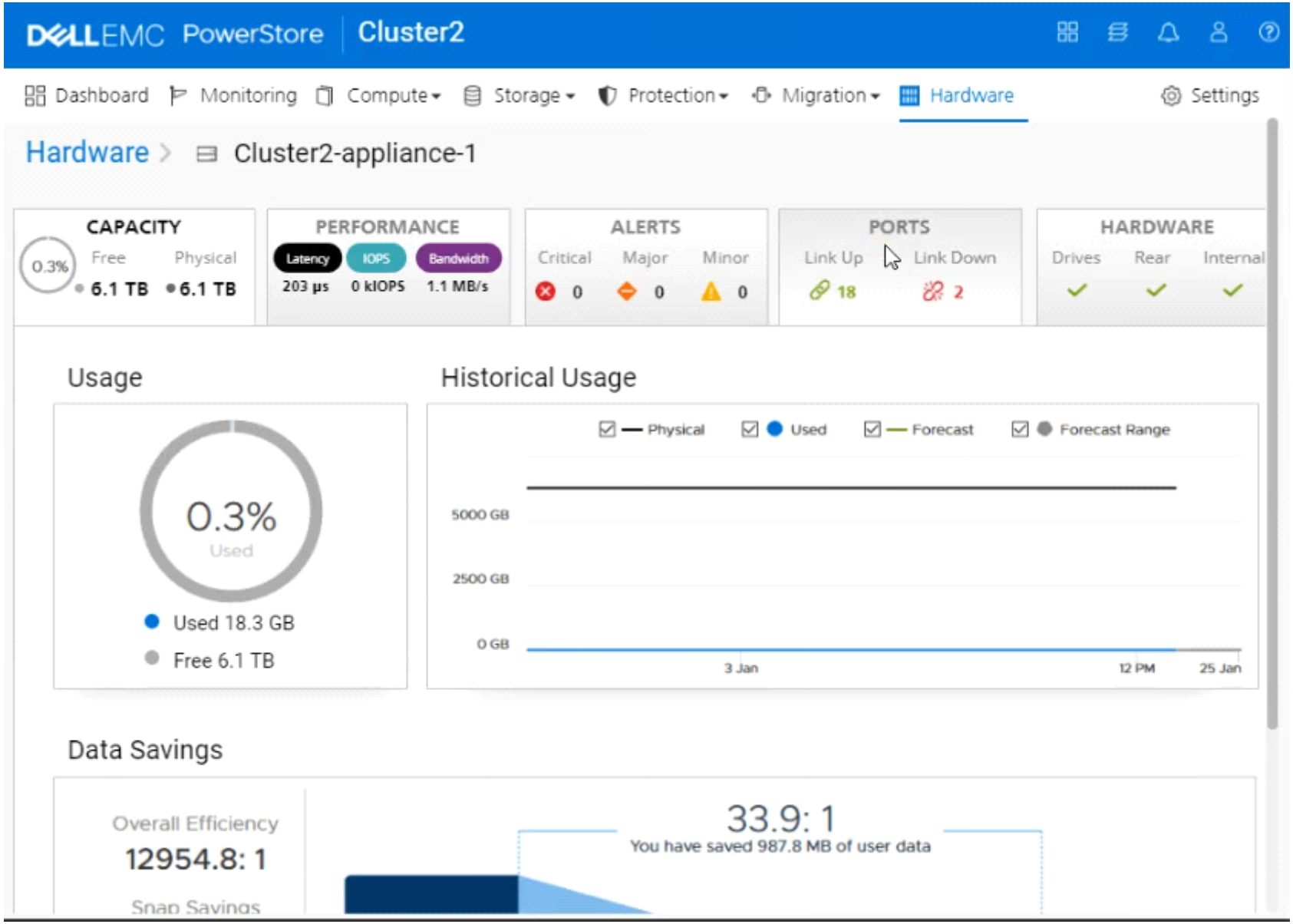

DELL EMC PowerStore | Cluster2
Dashboard
Monitoring
Compute
Storage
Protection
Migration
Hardware
Settings
Hardware
APPLIANCES
PORTS
Appliance
Slot/Module
Node
Health of Ports
0
1
2
3
Speed (Gbps)
Cluster2-appliance-1
EmbeddedModule
NodeA
NodeB
1 Gbps
4PortCard
NodeA
NodeB
25 Gbps
IoModule0
NodeA
NodeB
--
IoModule1
NodeA
NodeB
25 Gbps

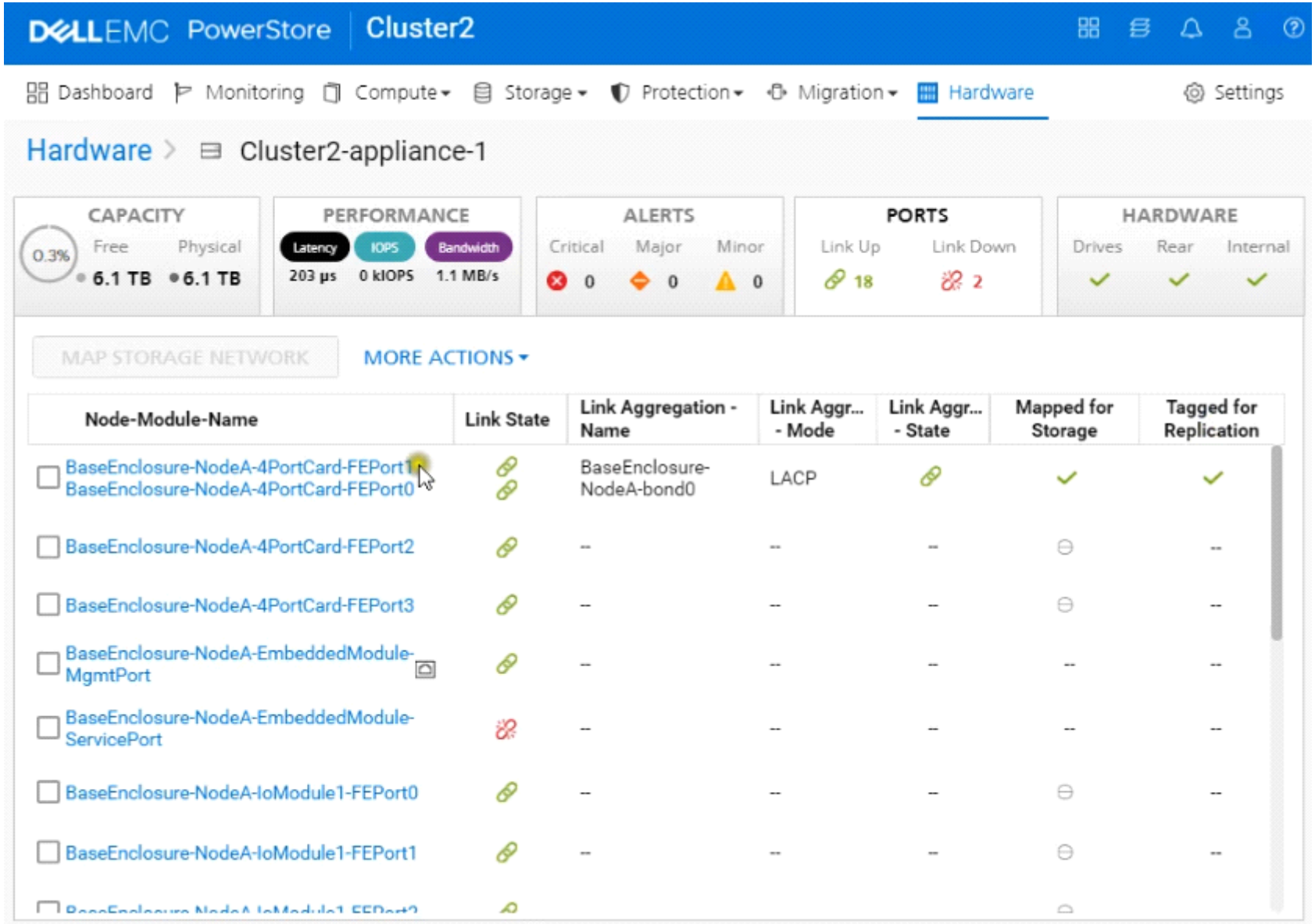

DELL EMC PowerStore | Cluster2
Dashboard
Monitoring
Compute
Storage
Protection
Migration
Hardware
Settings
Replication
Remote Systems
Protection Policies
Hardware
APPLIANCES
PORTS
Appliance
Slot/Module
Node
Health of Ports
0
1
2
3
Speed (Gbps)
Cluster2-appliance-1
EmbeddedModule
NodeA
NodeB
1 Gbps
4PortCard
NodeA
NodeB
25 Gbps
IoModule0
NodeA
NodeB
--
IoModule1
NodeA
NodeB
25 Gbps


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
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
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
Snap Savings
33.9: 1
You have saved 987.8 MB of user data


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
BaseEnclosure-NodeA-4PortCard-FEPort1
BaseEnclosure-NodeA-4PortCard-FEPort0
BaseEnclosure-NodeA-bond0
LACP
BaseEnclosure-NodeA-4PortCard-FEPort2
BaseEnclosure-NodeA-4PortCard-FEPort3
BaseEnclosure-NodeA-EmbeddedModule-MgmtPort
BaseEnclosure-NodeA-EmbeddedModule-ServicePort
BaseEnclosure-NodeA-IoModule1-FEPort0
BaseEnclosure-NodeA-IoModule1-FEPort1

Options:

A- 1

B- 2

C- 4

D- 6

Answer:

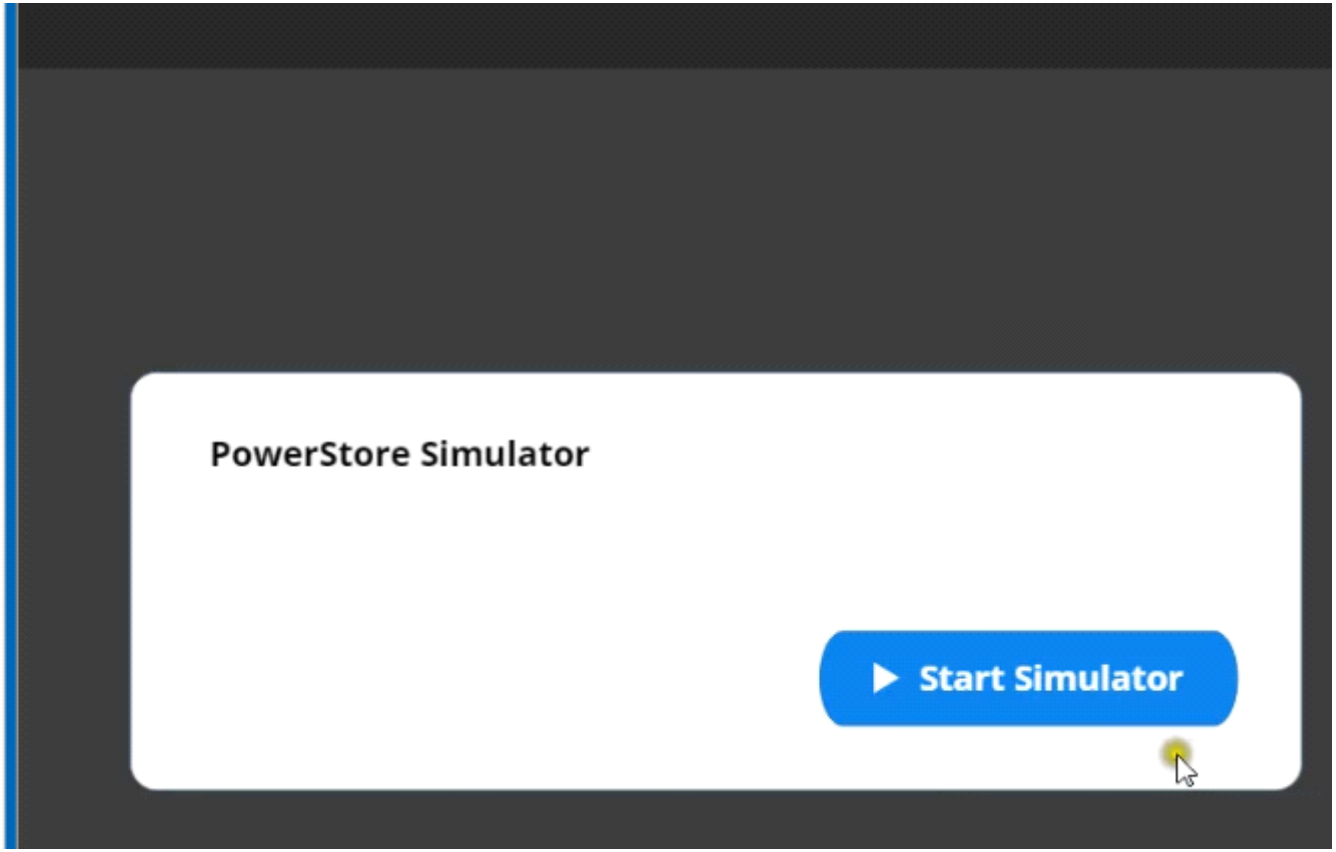
B

Question 3

Question Type: **MultipleChoice**

Use the simulator to generate and download logs from all appliances in the PowerStore cluster. When you have finished using the simulator, Click Next.

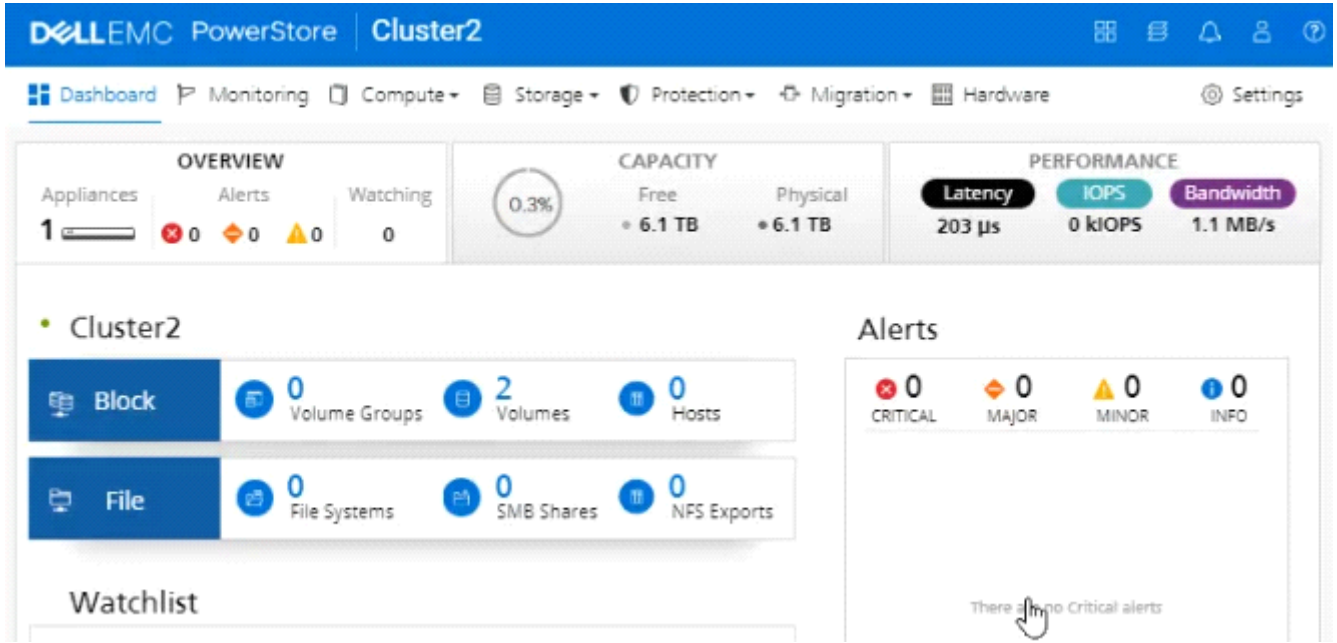
Use the simulator to generate and download logs from all appliances in the PowerStore cluster. When you have finished using the simulator, click **Next**.

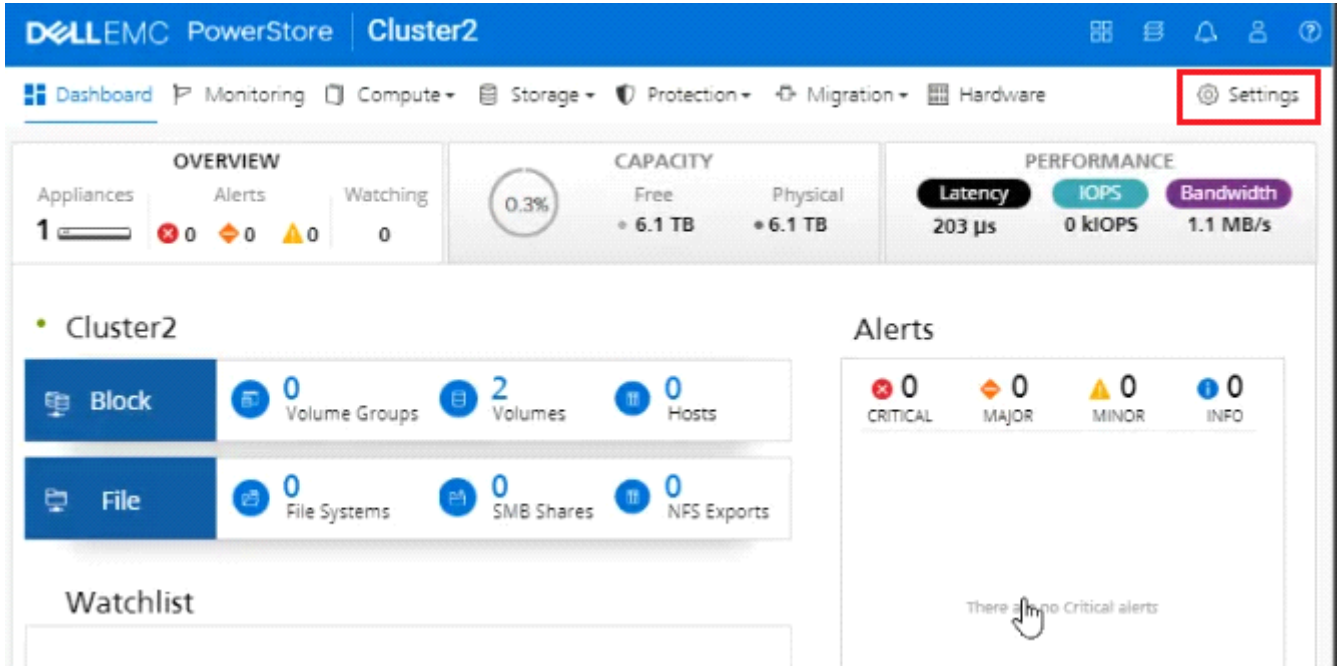


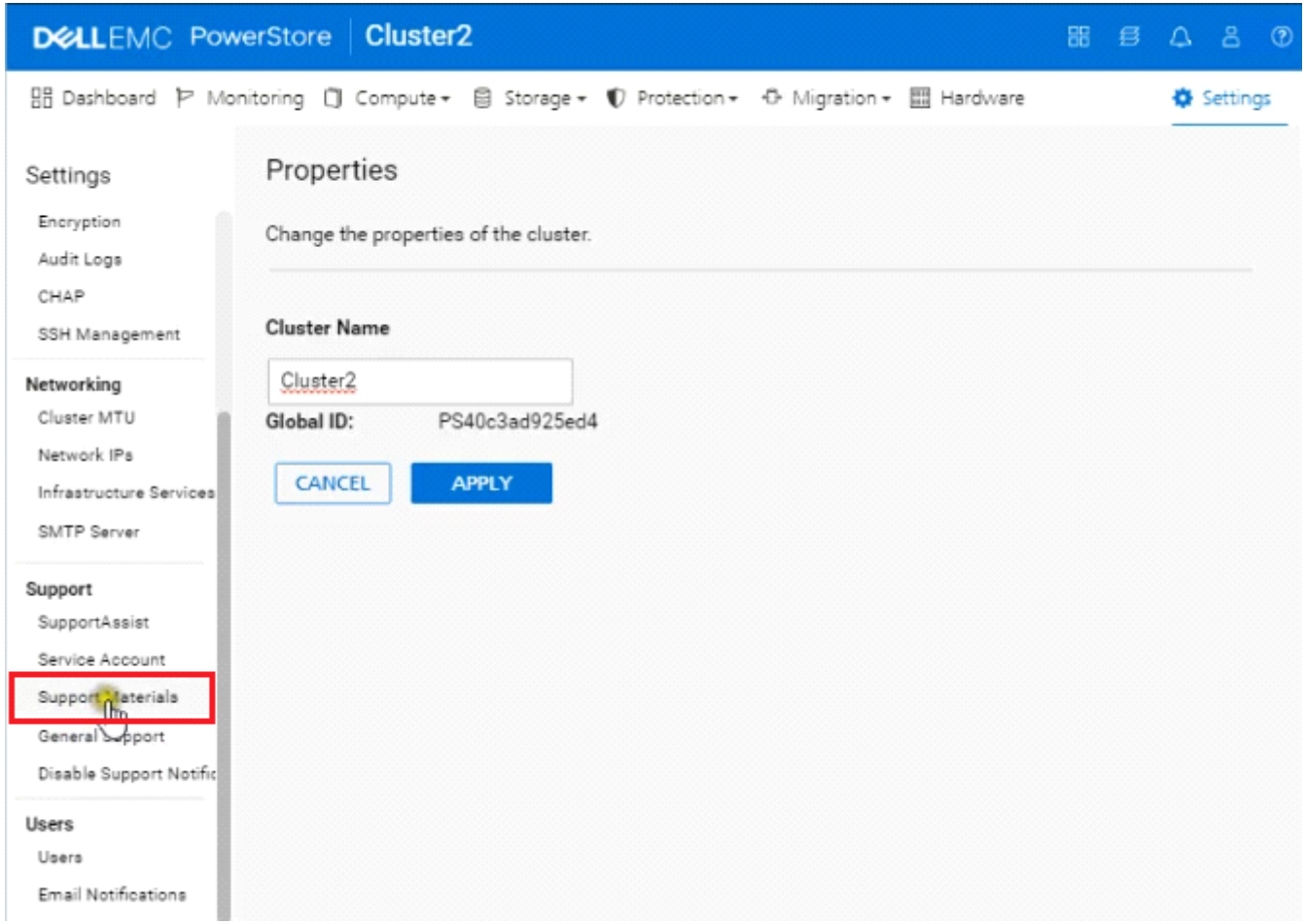
Options:

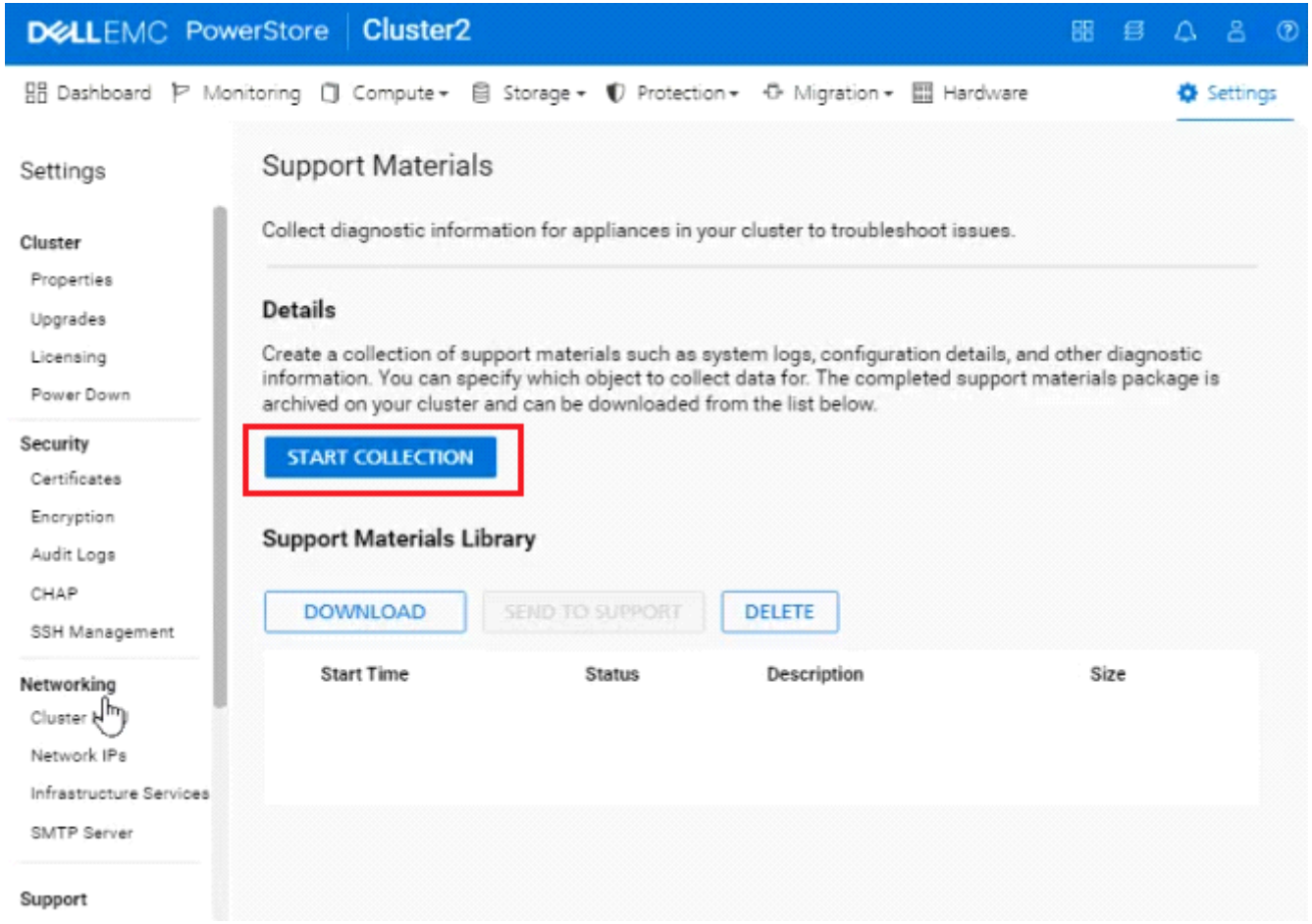
A- Explanation:

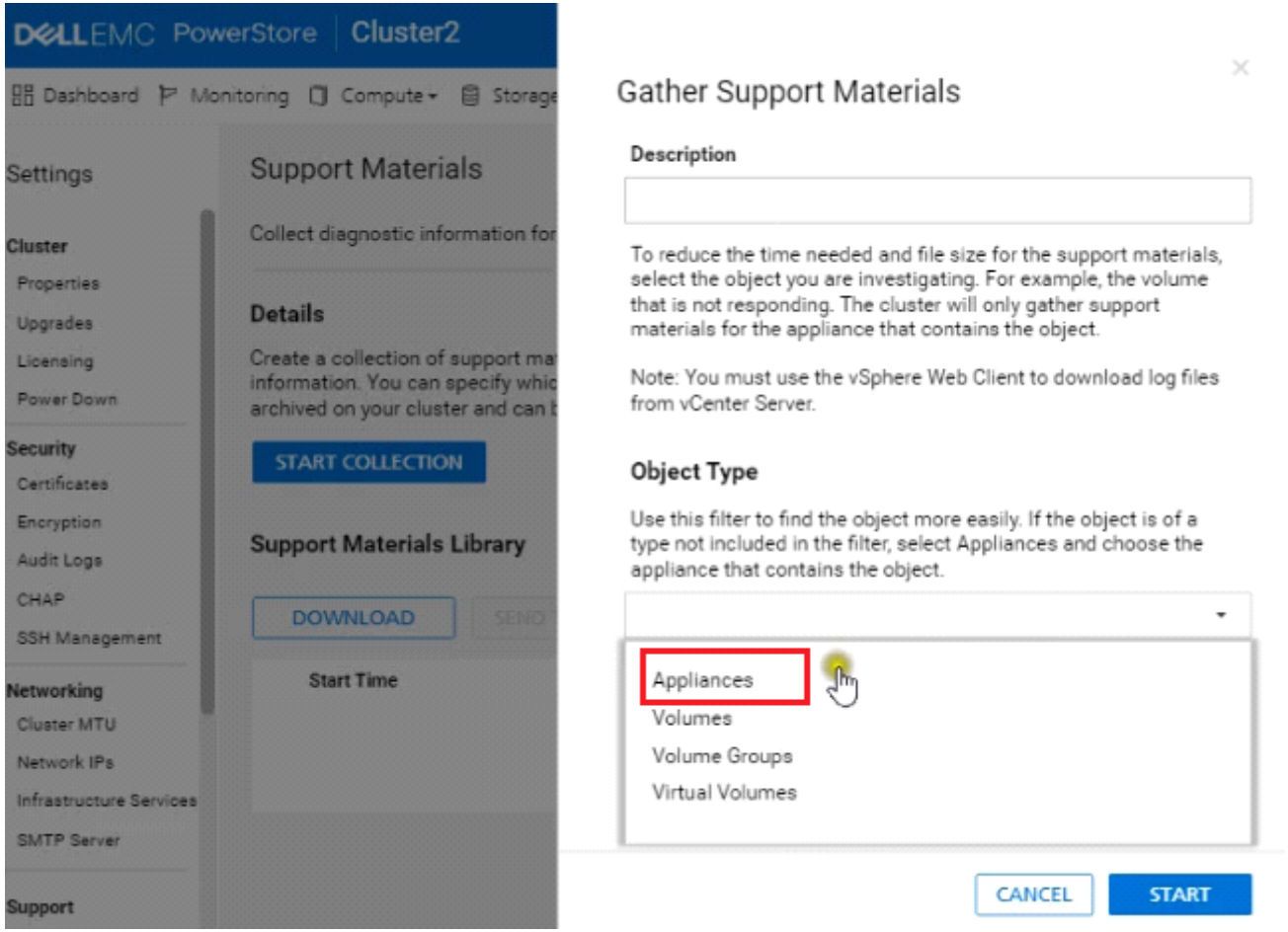
Below are the exhibits solution for this simulation.

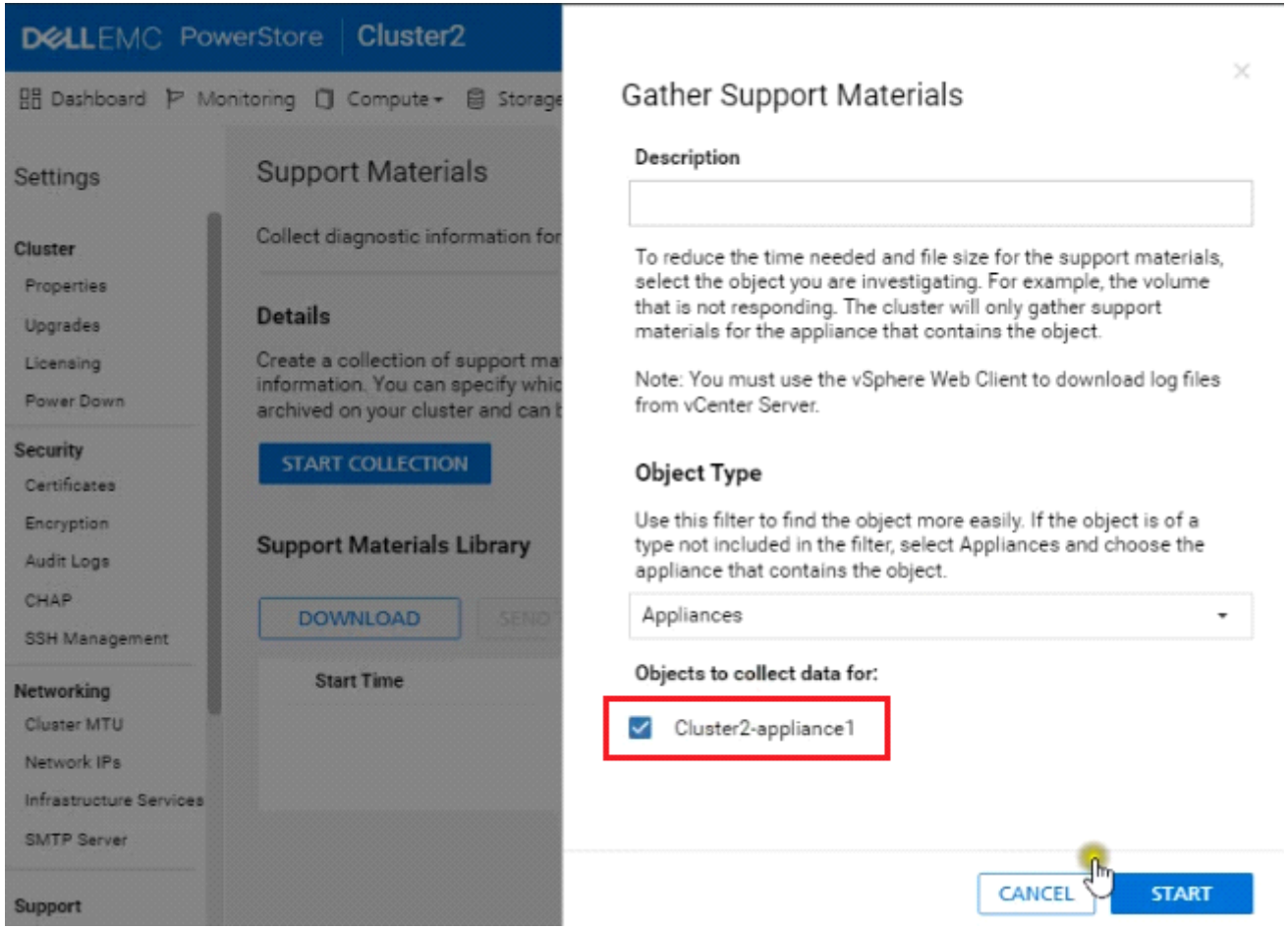

DELL EMC PowerStore | Cluster2
Dashboard
Monitoring
Compute
Storage
Protection
Migration
Hardware
Settings
OVERVIEW
Appliances
1
Alerts
0
0
0
Watching
0
CAPACITY
0.3%
Free
6.1 TB
Physical
6.1 TB
PERFORMANCE
Latency
203 µs
IOPS
0 kIOPS
Bandwidth
1.1 MB/s
Cluster2
Block
0
Volume Groups
2
Volumes
0
Hosts
File
0
File Systems
0
SMB Shares
0
NFS Exports
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
OVERVIEW
Appliances
1
Alerts
0
0
0
Watching
0
CAPACITY
0.3%
Free
6.1 TB
Physical
6.1 TB
PERFORMANCE
Latency
203 µs
IOPS
0 kIOPS
Bandwidth
1.1 MB/s
Cluster2
Block
0
Volume Groups
2
Volumes
0
Hosts
File
0
File Systems
0
SMB Shares
0
NFS Exports
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
Settings
Encryption
Audit Logs
CHAP
SSH Management
Networking
Cluster MTU
Network IPs
Infrastructure Services
SMTP Server
Support
SupportAssist
Service Account
Support Materials
General Support
Disable Support Notific
Users
Users
Email Notifications
Properties
Change the properties of the cluster.
Cluster Name
Cluster2
Global ID:
PS40c3ad925ed4
CANCEL
APPLY


DELL EMC PowerStore | Cluster2
Dashboard
Monitoring
Compute
Storage
Protection
Migration
Hardware
Settings
Settings
Cluster
Properties
Upgrades
Licensing
Power Down
Security
Certificates
Encryption
Audit Logs
CHAP
SSH Management
Networking
Cluster
Network IPs
Infrastructure Services
SMTP Server
Support
Support Materials
Collect diagnostic information for appliances in your cluster to troubleshoot issues.
Details
Create a collection of support materials such as system logs, configuration details, and other diagnostic information. You can specify which object to collect data for. The completed support materials package is archived on your cluster and can be downloaded from the list below.
START COLLECTION
Support Materials Library
DOWNLOAD
SEND TO SUPPORT
DELETE
Start Time
Status
Description
Size


DELL EMC PowerStore | Cluster2
Dashboard
Monitoring
Compute
Storage
Settings
Support Materials
Collect diagnostic information for
Cluster
Properties
Upgrades
Licensing
Power Down
Security
Certificates
Encryption
Audit Logs
CHAP
SSH Management
Networking
Cluster MTU
Network IPs
Infrastructure Services
SMTP Server
Support
Details
Create a collection of support ma
information. You can specify whic
archived on your cluster and can b
START COLLECTION
Support Materials Library
DOWNLOAD
SEND
Start Time
Gather Support Materials
Description
To reduce the time needed and file size for the support materials, select the object you are investigating. For example, the volume that is not responding. The cluster will only gather support materials for the appliance that contains the object.
Note: You must use the vSphere Web Client to download log files from vCenter Server.
Object Type
Use this filter to find the object more easily. If the object is of a type not included in the filter, select Appliances and choose the appliance that contains the object.
Appliances
Volumes
Volume Groups
Virtual Volumes
CANCEL
START


DELL EMC PowerStore | Cluster2
Dashboard
Monitoring
Compute
Storage
Settings
Cluster
Properties
Upgrades
Licensing
Power Down
Security
Certificates
Encryption
Audit Logs
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SSH Management
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SMTP Server
Support
Support Materials
Collect diagnostic information for
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Create a collection of support ma
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DOWNLOAD
SEND
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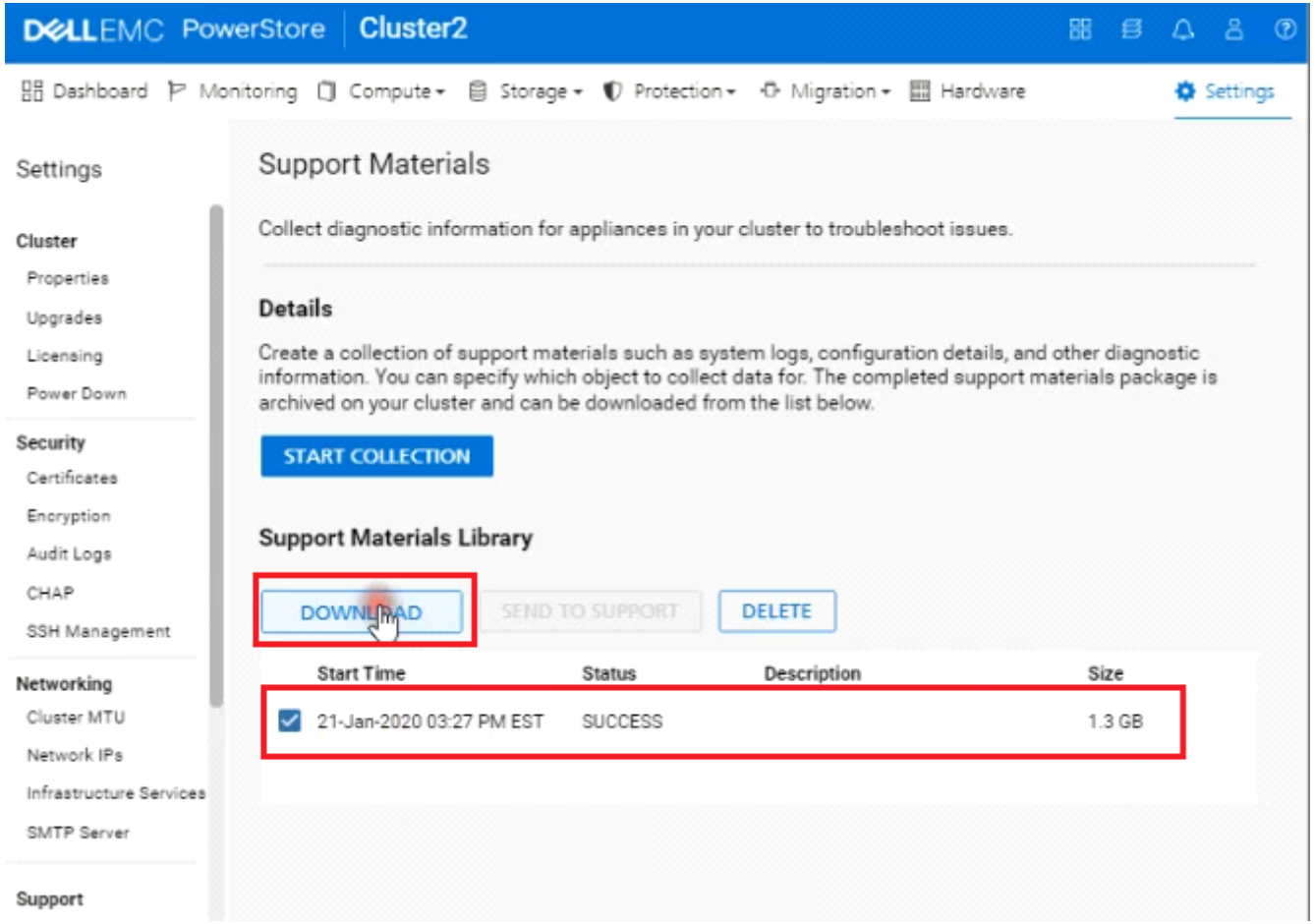
Note: You must use the vSphere Web Client to download log files from vCenter Server.
Object Type
Use this filter to find the object more easily. If the object is of a type not included in the filter, select Appliances and choose the appliance that contains the object.
Appliances
Objects to collect data for:
Cluster2-appliance1
CANCEL
START


DELL EMC PowerStore | Cluster2
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Cluster
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Licensing
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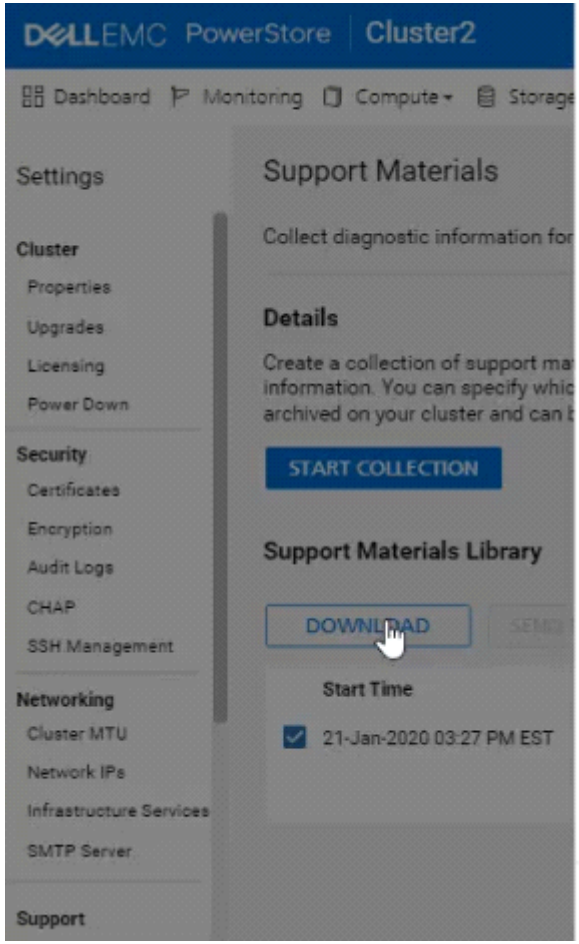
Support Materials
Collect diagnostic information for appliances in your cluster to troubleshoot issues.
Details
Create a collection of support materials such as system logs, configuration details, and other diagnostic information. You can specify which object to collect data for. The completed support materials package is archived on your cluster and can be downloaded from the list below.
START COLLECTION
Support Materials Library
DOWNLOAD
SEND TO SUPPORT
DELETE
Start Time
Status
Description
Size
21-Jan-2020 03:27 PM EST
SUCCESS
1.3 GB


DELL EMC PowerStore | Cluster2
Dashboard
Monitoring
Compute
Storage
Settings
Cluster
Properties
Upgrades
Licensing
Power Down
Security
Certificates
Encryption
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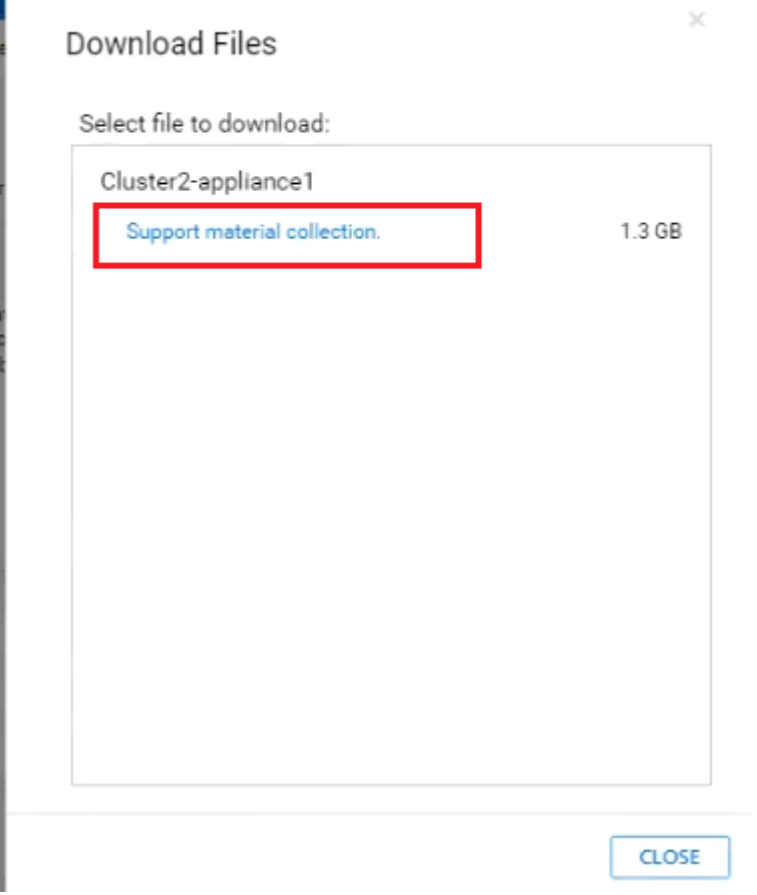
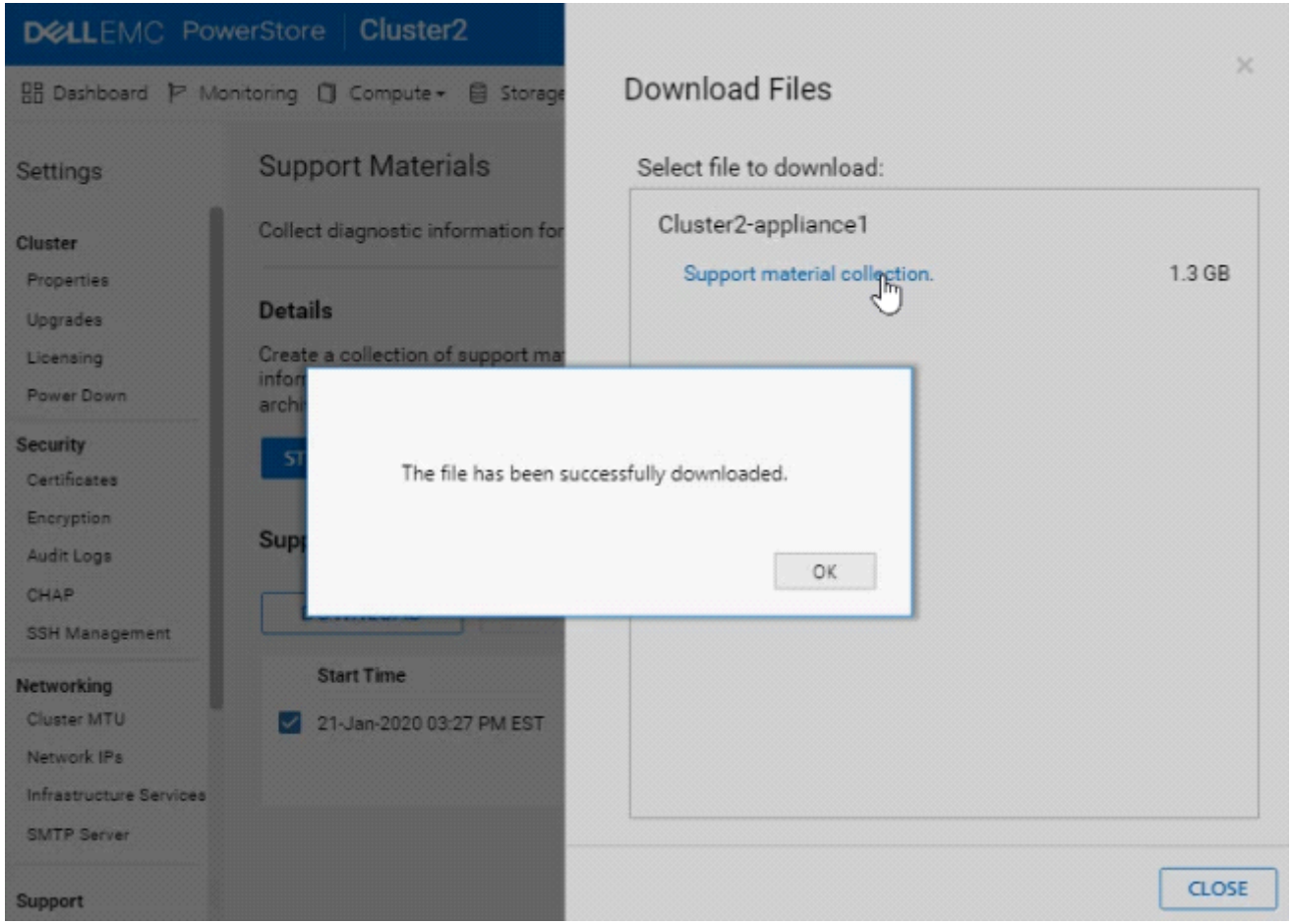
CHAP
SSH Management
Networking
Cluster MTU
Network IPs
Infrastructure Services
SMTP Server
Support
Support Materials
Collect diagnostic information for
Details
Create a collection of support ma
information. You can specify whic
archived on your cluster and can b
START COLLECTION
Support Materials Library
DOWNLOAD
Start Time
21-Jan-2020 03:27 PM EST


Download Files
Select file to download:
Cluster2-appliance1
Support material collection.
1.3 GB
CLOSE


DELL EMC PowerStore | Cluster2
Dashboard
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Audit Logs
CHAP
SSH Management
Networking
Cluster MTU
Network IPs
Infrastructure Services
SMTP Server
Support
Support Materials
Collect diagnostic information for
Details
Create a collection of support ma
Start Time
21-Jan-2020 03:27 PM EST
Download Files
Select file to download:
Cluster2-appliance1
Support material collection.
1.3 GB
The file has been successfully downloaded.
OK
CLOSE

Answer:

A

Question 4

Question Type: MultipleChoice

An administrator received the following alert from PowerStore regarding a previously created NAS server?

Description:

The SMB server of the NAS server PowerStore_NAS_01 is configured to be joined to the domain test.mid, but is currently not joined.

Which setting should the administrator change?

Options:

A- UDS

B- NIS

C- LDAP

D- NTP

Topic 2, Exam Part 2 -- Performance-based Questions

Part 2 of this exam contains 6 performance-based questions. You will need to run the PowerStore Test Simulator to correctly answer the questions. You invoke the simulator by clicking on one of the two buttons shown below. (Some questions use the Launch Simulator button; some questions use the Start Simulator button.)

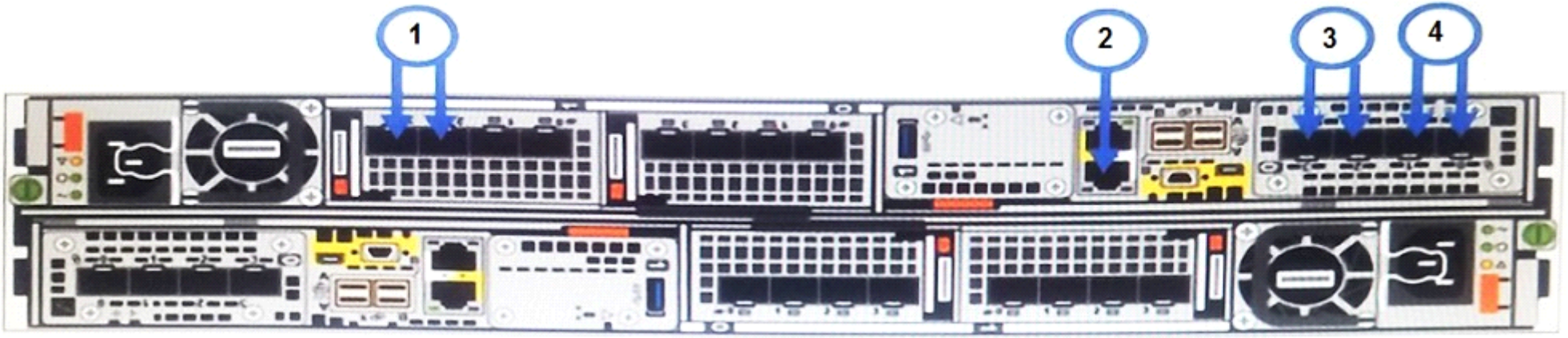
Answer:

D

Question 5

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 6

Question Type: MultipleChoice

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

Options:

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:

C

Question 7

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 8

Question Type: MultipleChoice

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?

Options:

A- 15 NVMe SCM

B- 15 NVMe SSD

C- 17 NVMe SCM

D- 17 NVMe SSD

Answer:

A

Question 9

Question Type: **MultipleChoice**

A PowerStore T administrator discovers that only one port on each node is active and passing traffic. The other port is healthy and online, but total bandwidth is only half of what the customer expects. Which action could resolve the issue?

Options:

A- Configure VLT and Link Aggregation Control Protocol

B- Implement VLT and Dynamic Link Aggregation Group

C- Configure Link Aggregation Control Protocol and Dynamic Link Aggregation Group

D- Implement Dynamic Link Aggregation Group

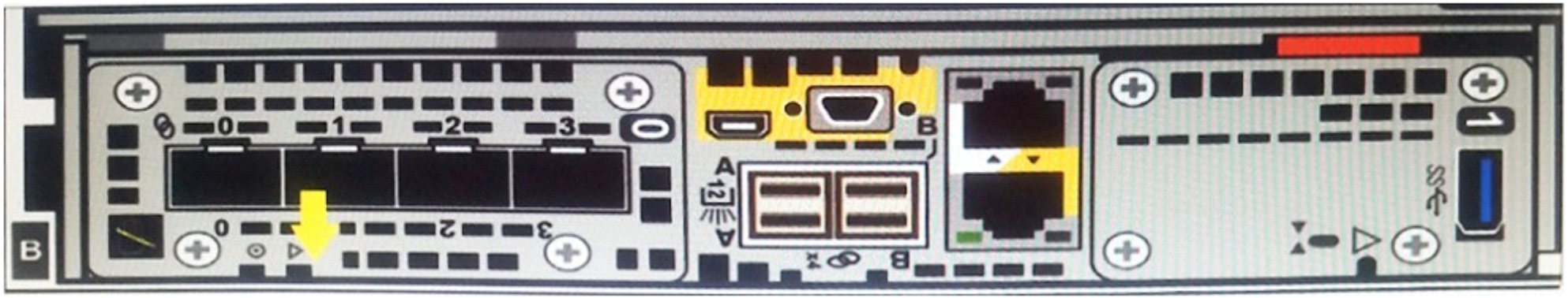
Answer:

A

Question 10

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

Question 11

Question Type: MultipleChoice

What describes the remote replication Failover operation?

Options:

A- It is run automatically by the replication destination system in the event of a source system outage

B- It is run from the replication destination system by the administrator in the event of a source system outage

C- It is run automatically by the replication source system in the event of a source system outage

D- It is run from the replication source system by the administrator in the event of an outage on the system

Answer:

B

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