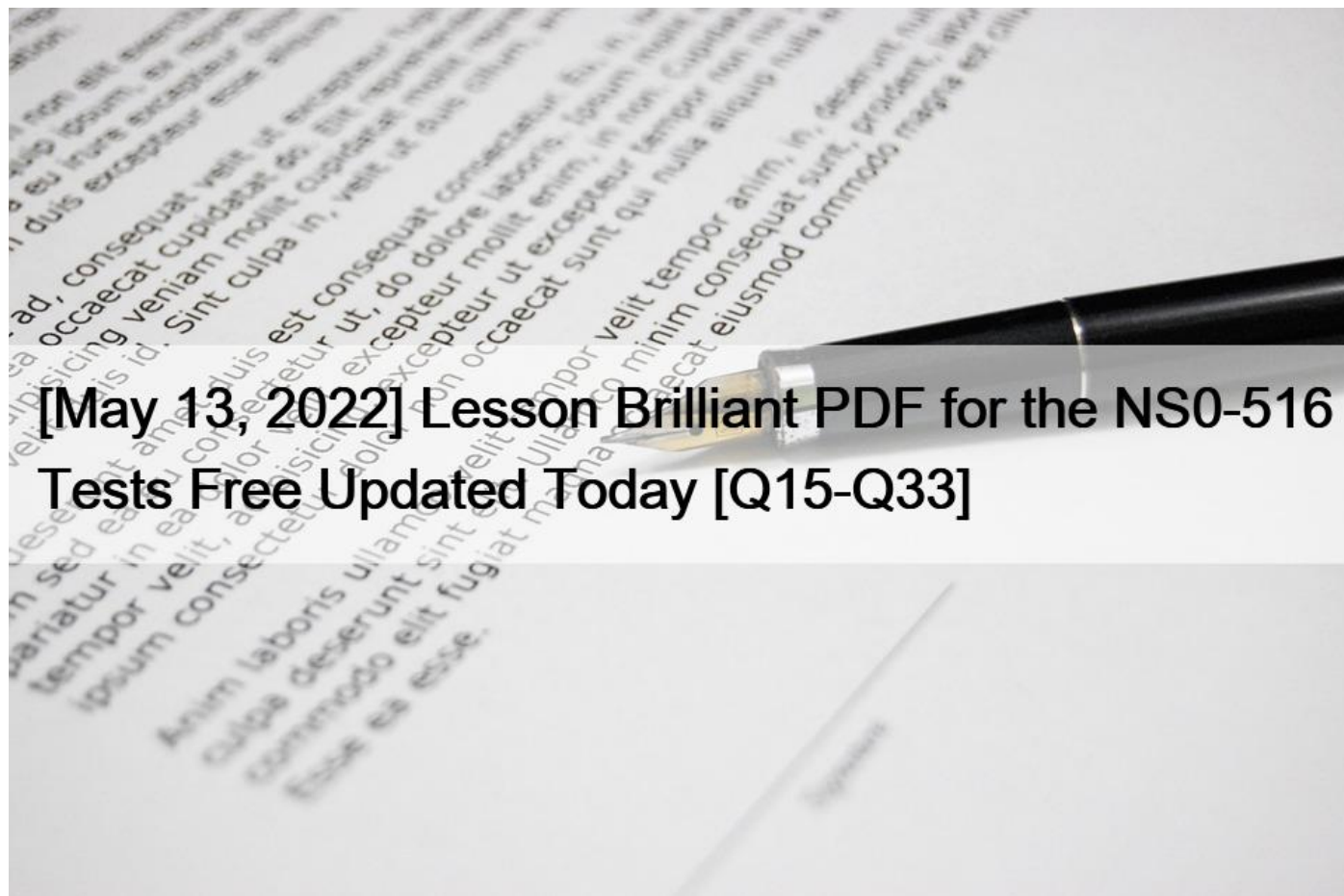


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Exam Registration PEARSON VUE  
Passing Score 75%  
Duration 90 minutes  
Exam Code NS0-516 NCIE SAN Specialist E-Series  
Sample Questions NetApp NS0-516 Sample Questions

## QUESTION 15

What is represented by the Headroom graph on the SANtricity System Manager performance tab?

- \* the percentage of I/O associated with the backend disk drives
- \* the remaining performance capability of the physical objects in the storage system
- \* the percentage of CPU processing capacity that is being used by the operations on the system

\* the resources that are being consumed by a defined workload

### QUESTION 16

Synchronous mirroring requires what type of connection between storage systems? (Choose the best answer.)

- \* FC
- \* SAS
- \* iSCSI
- \* InfiniBand

### QUESTION 17

Which masking functions should you implement for each column to meet the data masking requirements?

To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

## Answer Area

ShockOilWiegth:

|               |   |
|---------------|---|
|               | ▼ |
| Credit card   |   |
| Default       |   |
| Email         |   |
| Random number |   |

SuspensionSprings:

|               |   |
|---------------|---|
|               | ▼ |
| Credit card   |   |
| Default       |   |
| Email         |   |
| Random number |   |

## Answer Area

ShockOilWieght:

|               |   |
|---------------|---|
|               | ▼ |
| Credit card   |   |
| Default       |   |
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SuspensionSprings:

|               |   |
|---------------|---|
|               | ▼ |
| Credit card   |   |
| Default       |   |
| Email         |   |
| Random number |   |

### QUESTION 18

Which object provides read/write access to a Snapshot image?

- \* Snapshot group
- \* Base volume
- \* Snapshot repository
- \* Snapshot volume

### QUESTION 19

A junior administrator recently made changes to an E-Series system. As a result of these changes, the management host lost the ability to manage the E-Series system through in-band management, but the host still has access to the E-Series data volumes.

In this scenario, what caused this issue?

- \* The access volume was un-mapped
- \* The management IPs were changed
- \* The ownership of the management host's volumes changed
- \* Auto Load Balancing was disabled

### QUESTION 20

A company is using the Federal Information Processing Standard (FIPS) on all volume groups. However, one volume group failed a security audit.

In this scenario what would cause a volume group to fail the security audit?

- \* An FDE drive was added as a spare in the volume group

- \* Data Assurance was changed to disabled; for the volume group
- \* The Secure Erase operation was applied to the volume group disks
- \* Connectivity to the key server was interrupted

### QUESTION 21

You are troubleshooting a customer issue on their E-Series system. You need information on the volume configuration of the customer's system.

In this scenario, which log would you download to get the required information?

- \* Trace Buffers
- \* Support Data
- \* Health Image
- \* IO Path Statistics

### QUESTION 22

In-band communication occurs between which entities?

- \* The management host and the Ethernet management ports
- \* The ESM and the I/O host
- \* One of the data I/O host's Ethernet port 1 and the expansion shelves
- \* One of the data I/O hosts and the controllers

### QUESTION 23

Exhibit:

| Priority | Category     | Bus Type | Mktg Part No    | Images | LED  | Mfg Part No | Description                          |
|----------|--------------|----------|-----------------|--------|------|-------------|--------------------------------------|
| 1        | Block Access | PCIe2    | X-56023-00-0E-C |        | View |             | HIC, E2800, 10Gb Base-T, 2-ports, -C |
| 2        | Block Access | PCIe2    | X-56026-00-0E-C |        | View |             | HIC, E2800, 12Gb SAS, 2-ports, -C    |
| 3        | Block Access | PCIe2    | X-56027-00-0E-C |        | View |             | HIC, E2800, 12Gb SAS, 4-ports, -C    |

You ordered a NetApp E2812 Duplex 16GB 10GbE Base-T system.

Referring to the exhibit, what is the maximum number of 10GbE Base-T ports available to be used?

- \* 6
- \* 8
- \* 4
- \* 12

### QUESTION 24

Which three are techniques for troubleshooting the management connection? (Choose three.)

- \* Check the Ethernet cables (out-of-band).
- \* Restart the agent (in-band).
- \* Ping the controller ports (out-of-band).
- \* Delete the EMWdata\_vxx.bin file (in- and out-of-band).

### QUESTION 25

A customer is experiencing performance issues on their NetApp E-Series system that is running with iSCSI host interface cards (HICs).

In this scenario, in which two locations in the GUI would you go to find detailed statistics for the iSCSI connections on this system? (Choose two.)

- \* Support -> Support Center -> Diagnostics -> View iSCSI Statistics
- \* Home -> View Performance Details
- \* Support -> Support Resources -> Storage Array Profile
- \* Settings -> System -> View iSCSI Statistics

### QUESTION 26

When data is written to a snapshot, volume is stored \_\_\_\_\_. (Choose the best answer.)

- \* on the base volume for that snapshot
- \* on the repository area associated with the snapshot's corresponding image
- \* on the repository associated with the snapshot volume
- \* on the common repository for the snapshot group
- \* on a hot spare drive

### QUESTION 27

Which two steps are required to enable multifactor authentication on an E-Series system? (Choose two)

- \* Test SSO login
- \* Configure LDAP
- \* Map roles
- \* Configure In-Band Management

### QUESTION 28

Which three methods can be used to increase the space available to clients? (Choose three.)

- \* Increase volume segment size
- \* Convert RAID-6 volume group to RAID-5
- \* Create new volume groups from unconfigured capacity
- \* Fill empty drive slots in the array
- \* Replace some HDD with SSD

### QUESTION 29

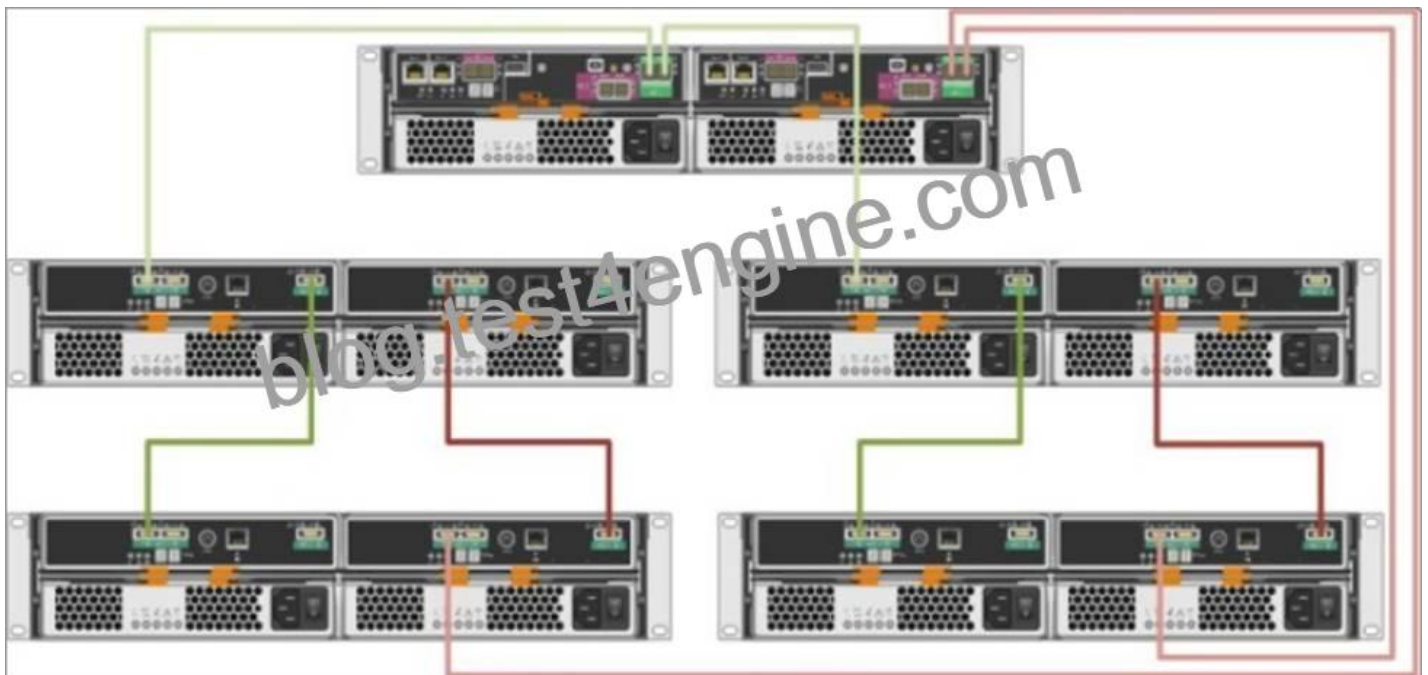
A customer is configuring an EF570 system on an internal network. Due to security concerns, the network does not have Internet access. The customer wants to regularly send standard support data to NetApp.

In this scenario, what should the customer do to accomplish this task?

- \* Enable AutoSupport with a set interval and with the store locally option selected, manually move the data to a server with Internet access, and then send the data to NetApp.
- \* Open a support ticket with NetApp to enable AutoSupport local functionality, manually move the data to a server with Internet access, and then send the data to NetApp.
- \* Set up a script to initiate Collect Support Data on a set interval, manually move the data to a server with Internet access, and then send the data to NetApp.
- \* Set up a script to initiate Collect Support Data, remove the extra log files, manually move the data to a server with Internet access, and then send the data to NetApp.

### QUESTION 30

According to NetApp recommended practices, is this E2712 storage system cabled for a dual-stack configuration? If not, why?



- \* No. The cabling to the disk shelves is coming from the host ports.
- \* No. The controllers are only cabled to one stack.
- \* No. The cabling has split the top-down-bottom-up configuration.
- \* Yes. The cabling configuration is correct.

### QUESTION 31

A company has just installed a NetApp EF600 storage array with an initial drive count of 12. A disk pool is created using all 12 disks. Benchmark testing now shows that system performance is far less than expected. Metrics show a very unbalanced use of the two PCIe busses and drives.

In this scenario, which action addresses this problem?

- \* Dynamically convert the volumes from RAID 10 to RAID 5.
- \* Adjust cache block sizes to 8k.
- \* Build two equally sized pools during disk pool creation.
- \* Insert six drives into the first 12 slots and six drives into the last 12 slots.



### QUESTION 32

A customer intends to use an E2812 system without expansion shelves. The specification for their Windows host requires that six E-Series data volumes be used.

In this scenario, how should the system be configured?

- \* one DDP with all the volumes
- \* three DDPs with the volumes divided equally
- \* one DDP for each volume
- \* two DDPs with the volumes divided equally

### QUESTION 33

The out-of-band connection is an Ethernet connection from the storage manager host to the LAN, and from the LAN to which location?

- \* port 1 of the I/O host
- \* port 2 of the ESM
- \* port 1 of the controller
- \* port E of the controller

NetApp NS0-516 Exam Topics: **Section Objectives** Host Side-Describe the different host connection options for E-Series systems.

- Describe how to configure hosts for multipathing. Protection-Describe how Data Assurance with media scan protects your data.
- Describe SANtricity data protection features. Troubleshooting-Demonstrate the steps for troubleshooting an E-Series system.
- Demonstrate how to analyze multipathing issues between a host and an E-Series system. Hardware-Describe the hardware components in an E-Series storage system.
- Describe Fibre Channel, Ethernet, Infiniband and SAS cabling.
- Describe the appropriate tasks for adding additional storage to an E-Series system.
- Describe drive encryption features. Management-Describe the administrative tasks for managing E-Series systems with SANtricity System Manager.
- Describe the management security features in SANtricity System Manager and SANtricity Unified Manager.
- Describe when and how to configure and use SANtricity Unified Manager. Documentation-Describe the process of reviewing and preparing a site for implementation of E-Series.

-Describe the information you give a customer after deploying a solution.SAN-Describe the end-to-end network configuration for Fibre Channel and Ethernet.Toolbox-Describe the tools required to design and implement an E-Series solution.

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