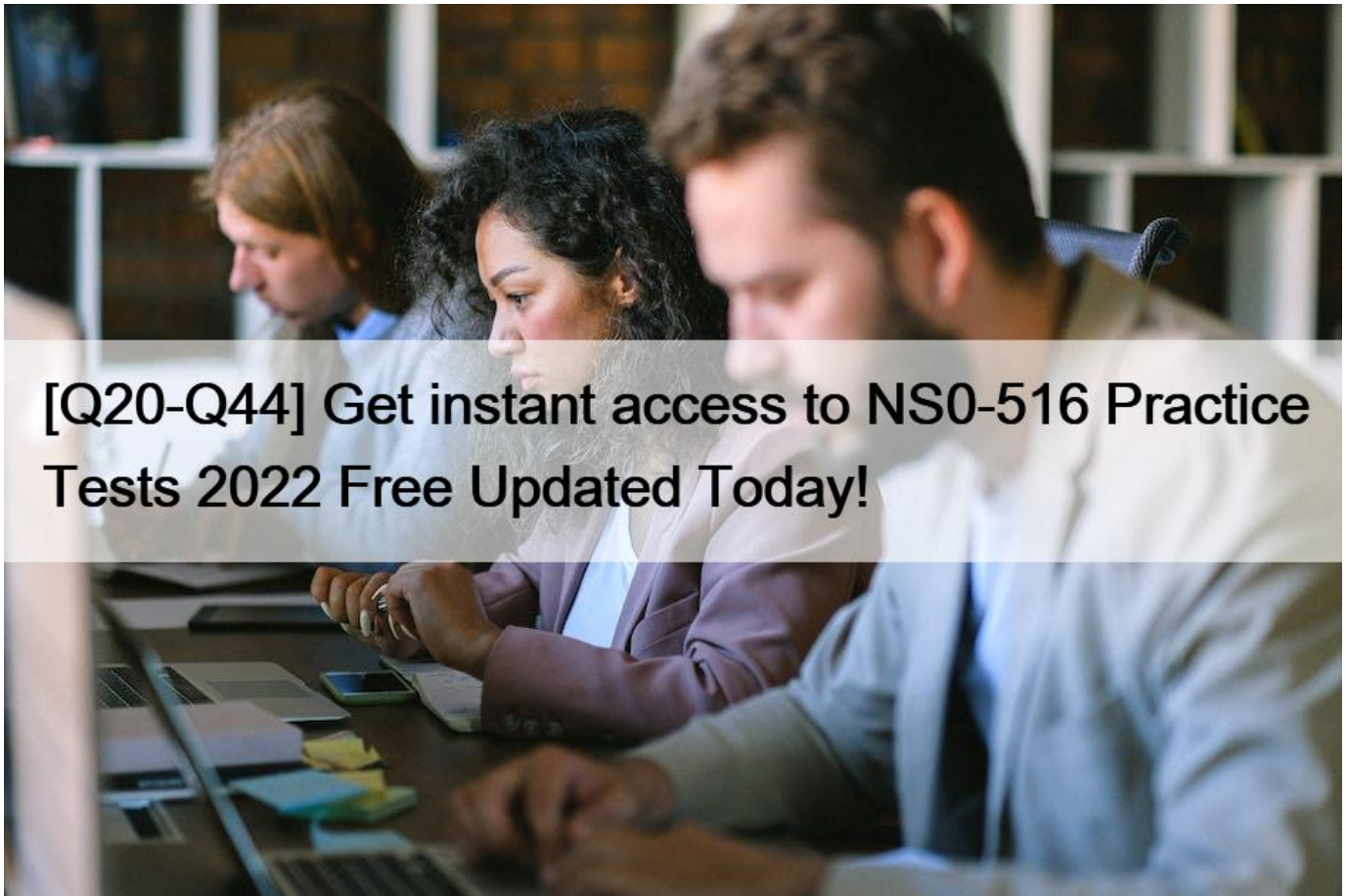# [Q20-Q44 Get instant access to NS0-516 Practice Tests 2022 Free Updated Today!

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NetApp NS0-516 Exam Topics: **SectionObjectives**Toolbox-Describe the tools required to design and implement an E-Series solution.Storage Configuration-Describe how to setup alerting and notification for the E-Series system.

-Describe how to create and administer Volume Groups or DDP and associated volumes.

-Describe physical and logical storage requirements.

-Describe the setup of CHAP for an iSCSI environment.

-Describe when to use DDP or Volume Groups.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.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.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.Troubleshooting-Demonstrate the steps for troubleshooting an E-Series system.

-Demonstrate how to analyze multipathing issues between a host and an E-Series system.Protection-Describe how Data Assurance with media scan protects your data.

- Describe SANtricity data protection features.SAN-Describe the end-to-end network configuration for Fibre Channel and Ethernet.

NEW 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

NEW QUESTION 21

A d-stripe within a disk pool is always the equivalent of _____. (Choose the best answer.)
* 9+1 RAID 3
* 9+1 RAID 5
* 8+2 RAID 6
* 5+5 RAID 10
* 10+0 RAID 0

NEW QUESTION 22

What measurement refers to the number of read/write requests that can be handled in a 1-second time period? (Choose the best answer.)
* Throughput
* IOPS
* Parity
* I/O alignment
* Read modify write

NEW QUESTION 23

Which two errors would fail a pre-upgrade health check? (choose two.)

* Volumes are reported on a non-preferred path
* I/O is being processed
* An excess number of event log events are present
* Hot spares are in use

NEW QUESTION 24

Which feature creates a full physical clone of a volume on an E-Series or EF-Series storage system?

* Snapshot volume
* Snapshot image
* Volume Copy
* FlexClone

NEW QUESTION 25

An administrator is asked to migrate two DE6600 shelves into a newly deployed E5760 environment that is configured with a stack of two DE460C shelves.

In this scenario, how does the administrator complete this task?

* Cable the DE6600s at the beginning of the stack
* Cable the DE6600s into a separate stack
* Cable the DE6600s at the end of the stack
* Cable the DE6600s between the DE460C shelves

Explanation

https://library.netapp.com/ecm/ecm_download_file/ECMLP2773537

When you cable a mix of SAS-2 and SAS-3 drive shelves to the same controller shelf, you should use a dual-stack configuration. Put all of the SAS-3 drive shelves in one stack and all of the SAS-2 drive shelves in the other stack.

NEW QUESTION 26

Hot spares provide which function? (Choose the best answer.)

* both “efficiency for volumes” and “reserve capacity for disk pools”
* efficiency for volumes
* reserve capacity for disk pools
* reserve capacity for volume groups
* None of the above

NEW QUESTION 27

Exhibit:

A 9/7/15 12 09 22 AM (07 09 22) 55985 1017 Fibre channel link down – Host-side controller in slot A, port 2
A 9/7/15 12 09 22 AM (07:09:22) 55986 1018 Fibre channel link up – Host-side controller in slot A, port 2
A 9/7/15 12 09 26 AM (07 09 26) 55990 1017 Fibre channel link down – Host-side controller in slot A, port 2
A 9/7/15 12 09 26 AM (07:09:26) 55991 1018 Fibre channel link up – Host-side controller in slot A, port 2
A 9/7/15 12 09 30 AM (07 09:30) 55993 1017 Fibre channel link down – Host-side controller in slot A, port 2
A 9/7/15 12 09:30 AM (07 09:30) 55994 1018 Fibre channel link up – Host-side controller in slot A, port 2
A 9/7/15 12 09 33 AM (07 09 33) 55996 1017 Fibre channel link down – Host-side controller in slot A, port 2
A 9/7/15 12 09:33 AM (07 09:33) 55997 1018 Fibre channel link up – Host-side controller in slot A, port 2

Referring to the exhibit, which three steps would you take to solve the problem shown in the event log? (Choose three.)
* Swap out the SFP in the controller port
* Swap out the FC cable
* Reinitialize the FC switch
* Move the connection to another controller port
* Swap out the HBA on the FC switch

NEW QUESTION 28

Which data protection strategy has the most overhead capacity as a percentage of the total capacity?
* Dynamic Disk Pools (DDP)
* RAID 6
* RAID 5
* RAID 10

NEW QUESTION 29

What is the SANtricity Client? (Choose the best answer.)
* A host I/O performance modeling interface
* A GUI or CLI run on a host server used for storage system management
* Inter-process communication that supports computer program subordinates
* An OS-dependent collection of utilities for servers attached to SANtricity-managed storage systems
* A host server process that enables storage system management with the storage data path

NEW QUESTION 30

Controller firmware package files start with which character(s)? (Choose the best answer.)
* SMIA
* CFW
* DLP
* RC
* N

NEW QUESTION 31

What file on a Windows management host server contains information about the storage system management connections?
* EMWdata_vxx.bin
* AMWcfg_vxx.bin
* mgmt.cfg
* the event log

NEW QUESTION 32

You need to run a command from the SANtricity System Manager GUI to mark drives as native by using the CLI tool on an E-Series system that is running System Manager 11.60 or higher.

In this scenario, where would you locate this tool?
* Help -> CLI Command Reference

* Support -> Support Center -> Diagnostics
* Modify Existing Storage
* Settings -> System -> Addons

NEW QUESTION 33

If an FDE disk fails, which characteristic is required of the replacement disk?

* Must be FDE capable
* Must be loaded with DACstore
* Must be of a greater capacity
* Must be T10-P1 capable

NEW QUESTION 34

When a drive fails in a Dynamic Disk Pool (DDP) with no free capacity, what happens to the data?

* It is rebuilt using the on-board backup database
* It is rebuilt using preservation capacity within the DDP
* It is evacuated to the preservation capacity within the DDP
* It is evacuated to a hot spare drive that is assigned to the DDP

NEW QUESTION 35

The interval for an asynchronous mirror group should usually be equal to _____. (Choose the best answer.)

* the corresponding application’s RPO
* half the corresponding application’s RPO
* half the corresponding application’s RTO
* the corresponding application’s RTO
* the amount of time required to copy the size of the mirror repository to the remote site

NEW QUESTION 36

Which iSCSI setting would you change from its default value to increase the throughput of an iSCSI host port on a NetApp E-Series system?

* maximum transmission unit (MTU)
* flow control
* Challenge-Handshake Authentication Protocol (CHAP)
* Time to Live (TTL)

NEW QUESTION 37

When a drive fails in a Dynamic Disk Pool (DDP) with no free capacity, what happens to the data?

* It is evacuated to the preservation capacity within the DD
* It is evacuated to a hot spare drive that is assigned to the DD
* It is rebuilt using preservation capacity within the DD
* It is rebuilt using the on-board backup database

NEW QUESTION 38

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).

NEW QUESTION 39

How many 32 Gb ports are on one FC host interface card (HIC) on the NetApp E2800, EF280, E5700, and EF570 systems?
* 1
* 2
* 4
* 6

NEW QUESTION 40

To discover events that need to be reported to the storage administrator, which log does the Event Monitor poll?
* Major Event Log
* ASUP log
* Recovery Guru log
* Array Profile

NEW QUESTION 41

Which two actions must be performed to enable iSCSI multipathing on Windows for NetApp E-Series systems? (Choose two.)
* Set up iSCSI IP addresses on the E-Series system and the Windows host
* Install the Host Utilities on the Windows host
* Create two VSANs on the iSCSI switches
* Install a Host Channel Adapter (HCA) on the Windows host

NEW QUESTION 42

Which two steps are required to enable multifactor authentication on an E-Series system? (Choose two.)
* Test SSO login
* Configure In-Band Management
* Map roles
* Configure LDAP

NEW QUESTION 43

An administrator is asked to create a Dynamic Disk Pools (DDP) pool from eleven 12 TB disks with the requirement that there is adequate space available for a reconstruction if a drive in the pool fails.

In this scenario, what should the administrator do to satisfy this requirement?
* Create the disk pool, and then edit the pool to reserve 12 TB of space
* Create the disk pool, and then add another 12 TB drive to the pool
* Create the disk pool, and then the system automatically reserves 12 TB of space
* Create the disk pool, and then create a hot spare on another 12 TB disk

NEW QUESTION 44

A customer is running several EF570 systems and uses the ability of the EF-Series systems to run two host protocols at the same

time. You are installing a new EF570 that uses the NVMe protocol for a high performance computing application. The controller on-board ports will not connect, but the HIC ports are working fine.

In this scenario, what is the problem?
* The on-board host ports are disabled
* There is a cable fault preventing the on-board ports from connecting
* The on-board ports have the wrong SFPs for the desired network protocol
* The switch ports are shut-down

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