Exam Questions HPE0-V14

Building HPE Hybrid IT Solutions

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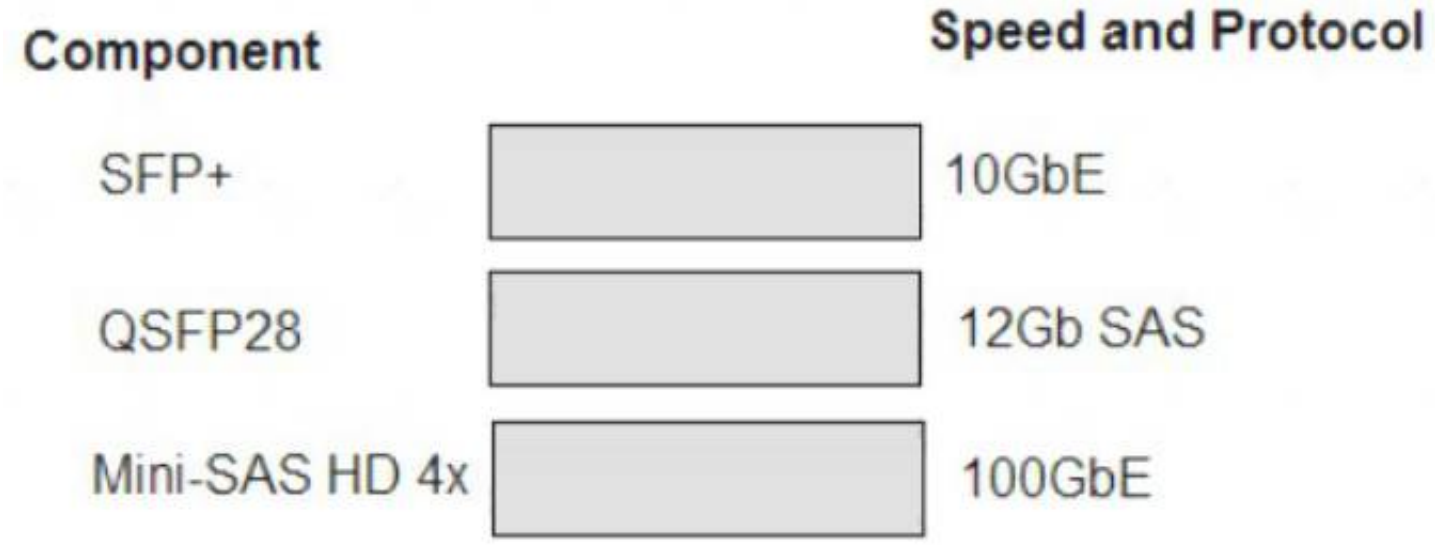
NEW QUESTION 1
- (Exam Topic 1)
Match the speed and protocol with the appropriate component.

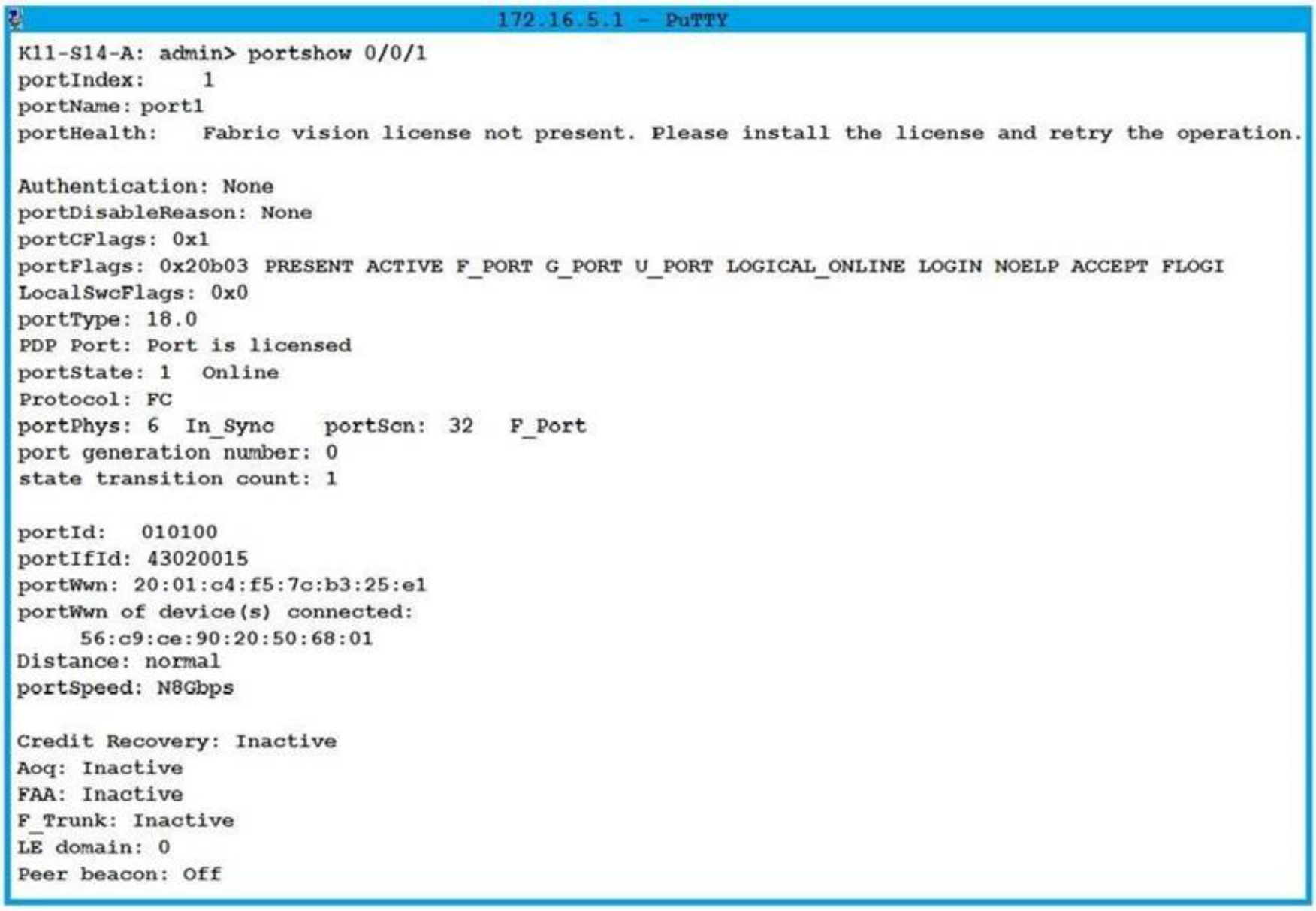


A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 2
- (Exam Topic 1)
Refer to the exhibit.



The information shown is displayed for a Nimble array you are installing. The customer's administrator has asked you for the speed at which the Nimble ports are connecting to their SAN switches, and you have run the command shown to determine the number of gigabits per second used by this port connection.
What speed does the exhibit indicate is in use?

A. 18
B. 32
C. 6
D. 8

Answer: C

NEW QUESTION 3
- (Exam Topic 1)
An HPE customer wants to perform is simplified update of firmware and drivers among their 100 HPE Gen9 and Gen10 racked servers.
Which HPE software tool should the customer use to minimize the time required to perform this activity.

A. HPE Smart Update Manager
B. HPE OneView Standard
C. HPE ProLiant Support Pack
D. HPE iLO Amplifier Pack

Answer: A

NEW QUESTION 4
- (Exam Topic 1)
A customer has a new virtual environment. They selected HPE servers for the environment in order to achieve better performance for their applications.
Which HPE feature enables the customer to achieve this server performance improvement?

A. embedded application
B. workload performance advisor
C. workload profile
D. Active Health System

Answer: B

NEW QUESTION 5
- (Exam Topic 1)
When is it appropriate for a customer to implement HPE OneView Standard?

A. To manage multiple servers
B. To monitor their services
C. To enable the Advanced iLO license
D. To update firmware

Answer: B

NEW QUESTION 6
- (Exam Topic 1)
You are creating a configuration for a new Nimble HF40 array.
Which tool should you use to ensure that you include adequate cache in the configuration?

A. HPE NinjaSTARS
B. HPE Storage Sizer
C. HPE OneView
D. HPE SPOCK

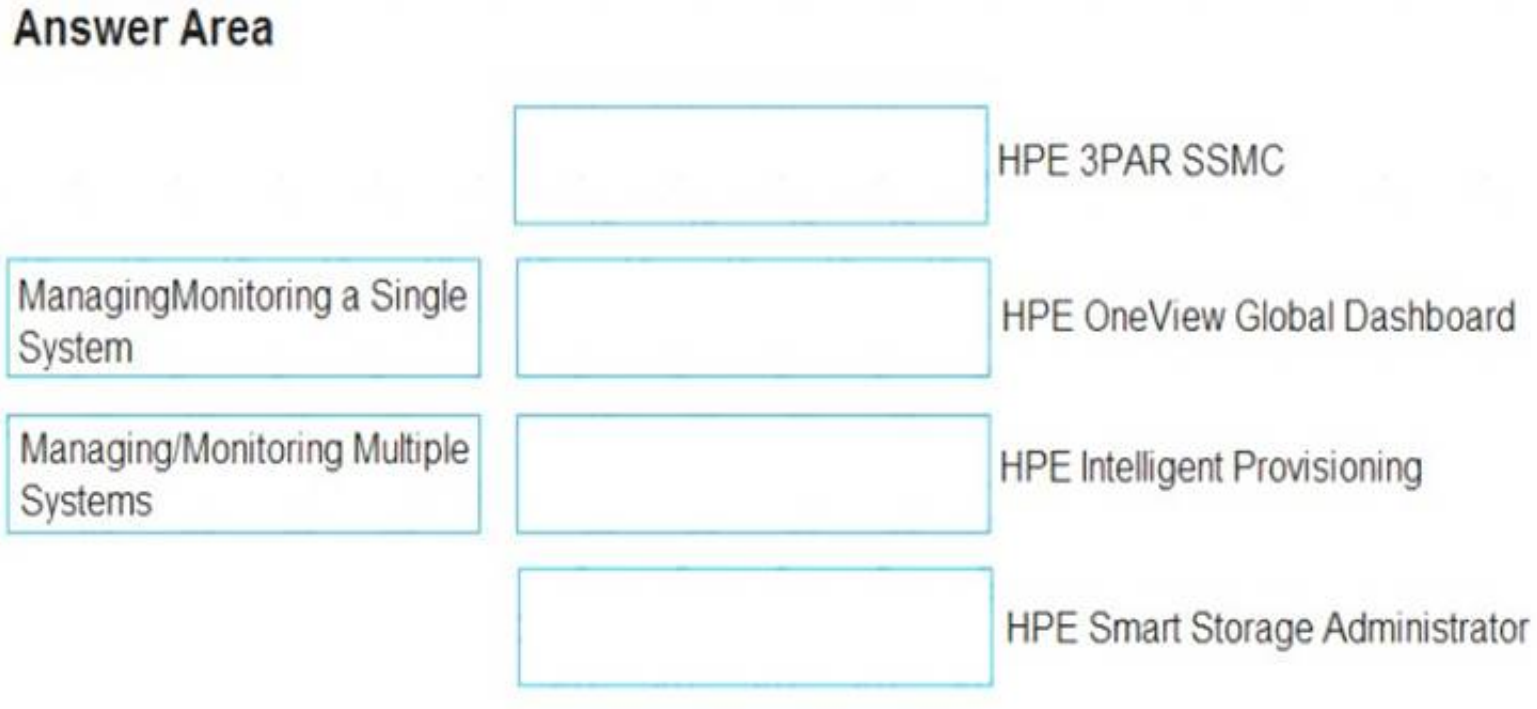
Answer: A

NEW QUESTION 7
- (Exam Topic 1)
HPE Support asks you to generate an SSD wear gauge report for local storage on an HPE DL360 Gen10 server running VMware.
Which procedure will ensure that the server will boot directly into a maintenance state so you can generate the requested report?

A. Changing the one-time boot option to Smart Storage Administrator in iLO web-based user interface
B. Use Always On functionality of Intelligent Provisioning
C. Changing the one-time boot option to Intelligent Provisioning in iLO web-based user interface
D. Click Boot to System Setup Utilities in iLO web-based user interface
E. Changing the one-time boot option to Intelligent Provisioning in HPE OneView

Answer: A

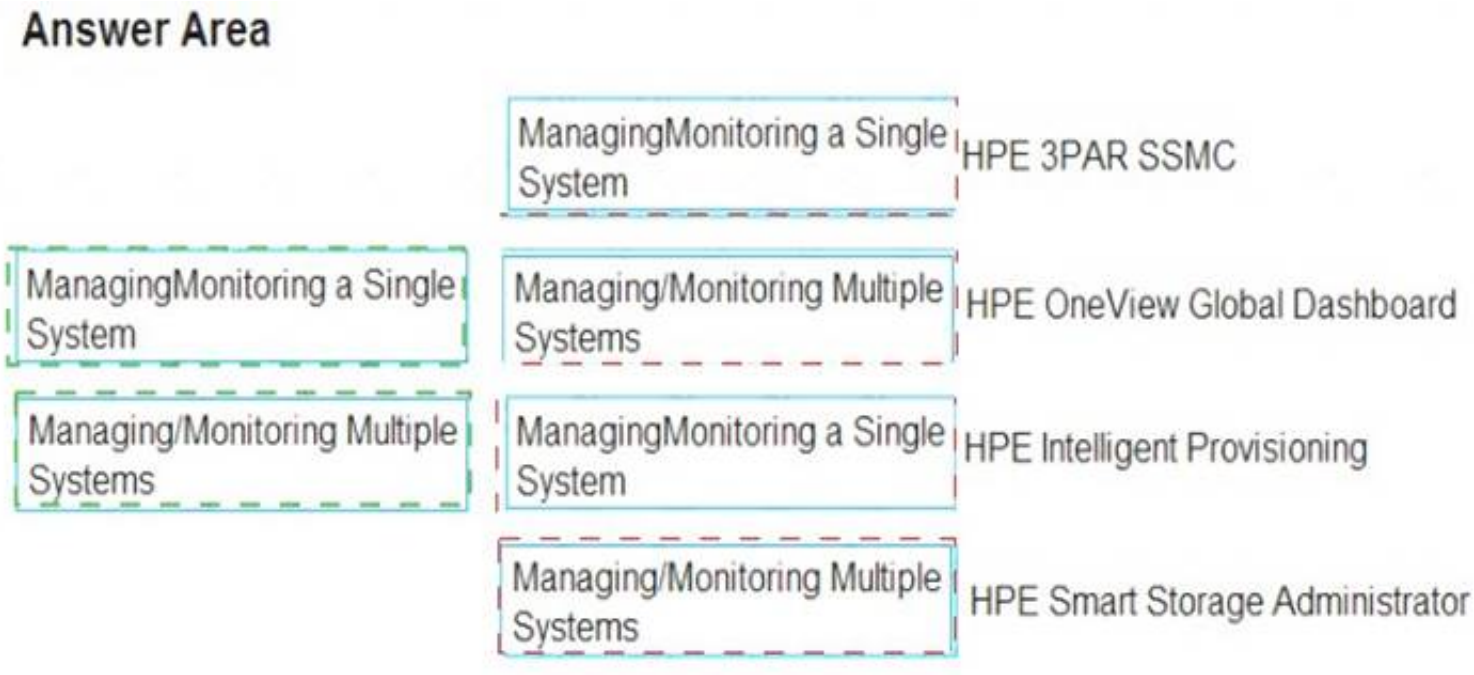
NEW QUESTION 8
- (Exam Topic 1)
Indicate whether each management feature manages or monitors a single system or multiple systems.



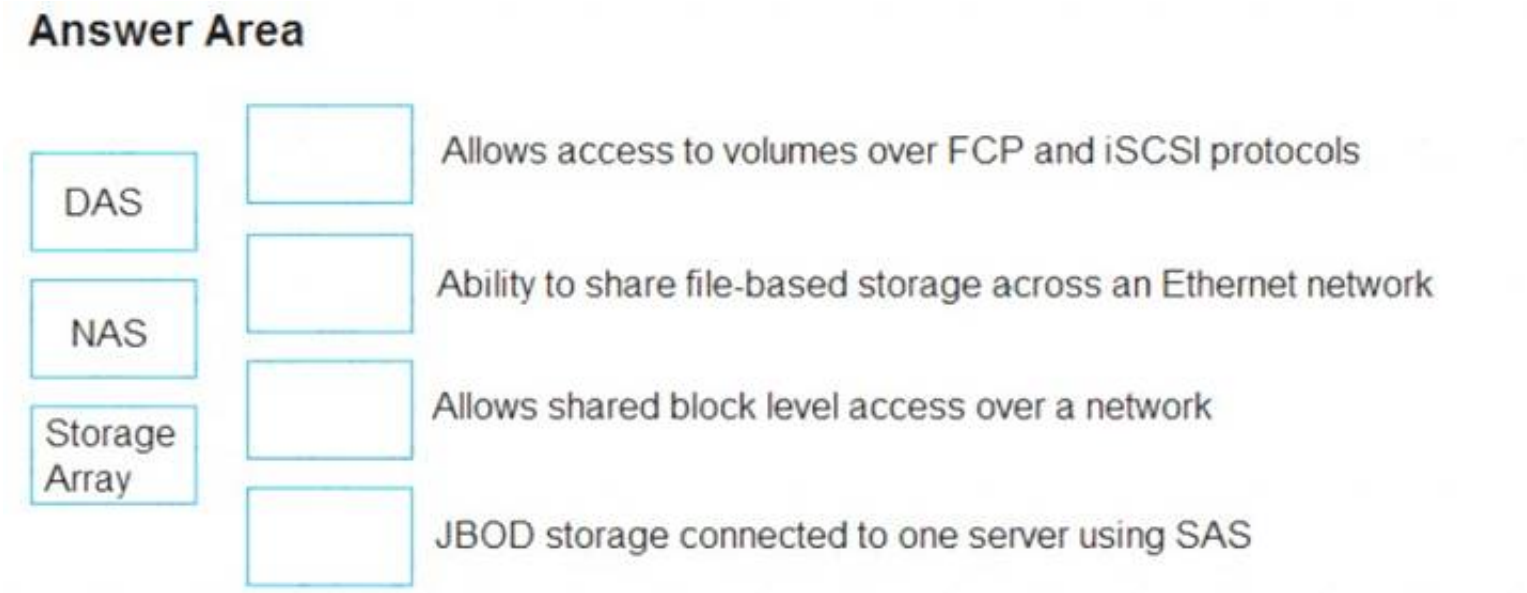
A. Mastered
B. Not Mastered

Answer: A

Explanation:



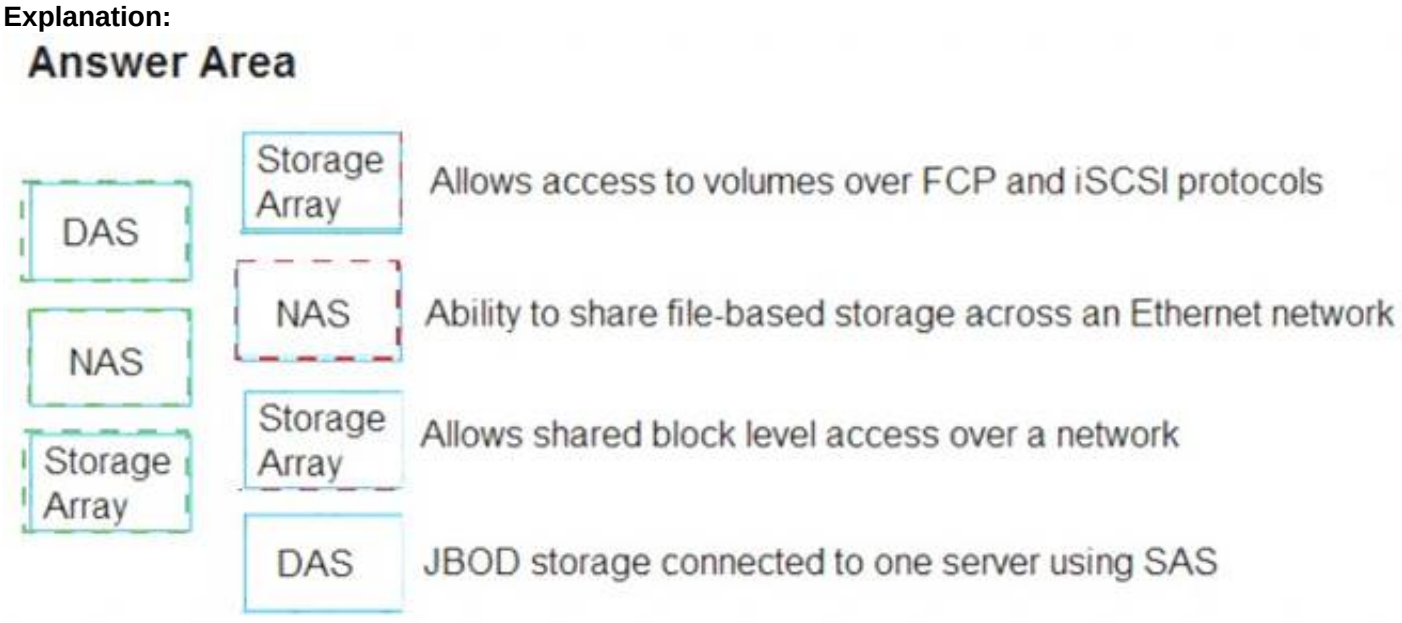
NEW QUESTION 9
- (Exam Topic 1)
Match each characteristic to the correct storage type.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

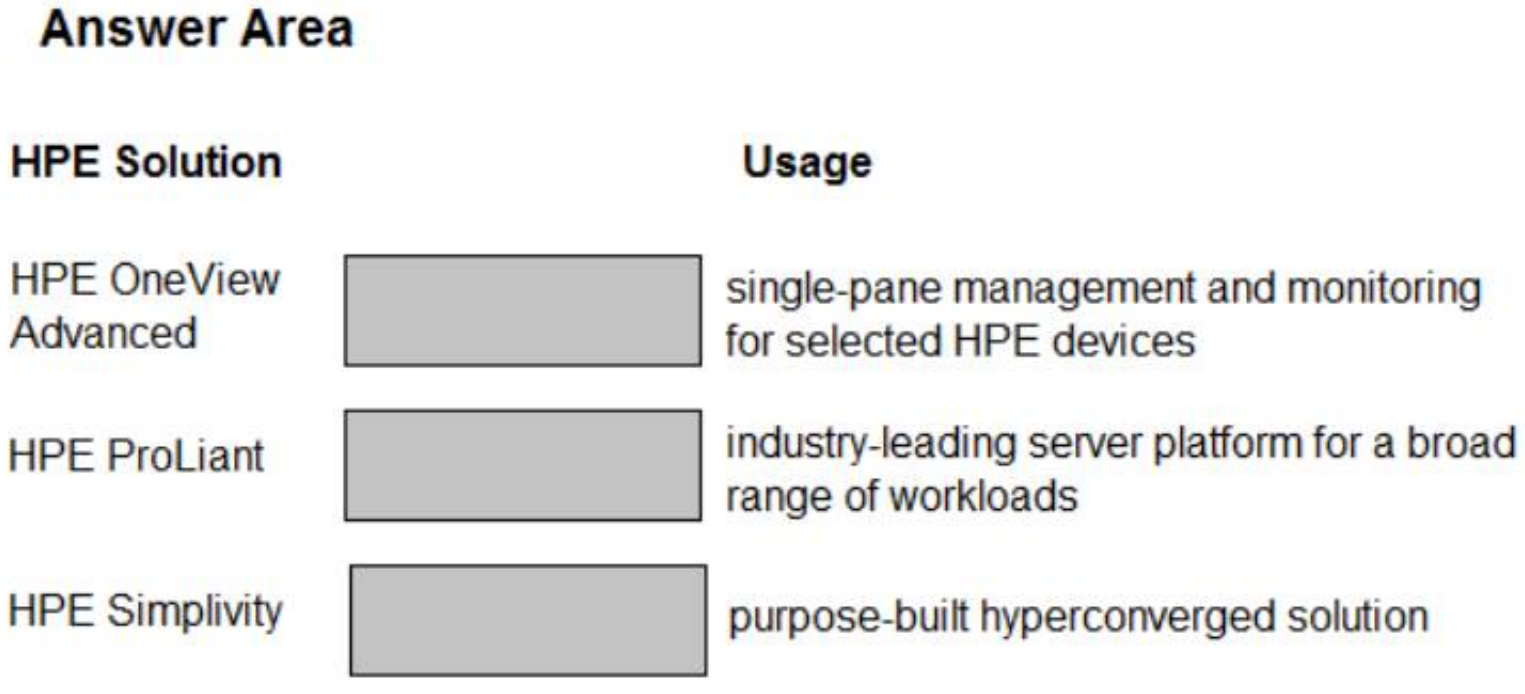


NEW QUESTION 10
- (Exam Topic 1)
Which protocol can be used to access a shared directory on a network-attached storage device?

A. SNMP
B. SMB
C. FCP

Answer: B

NEW QUESTION 10
- (Exam Topic 1)
Match each HPE solution to its corresponding technology usage.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

HPE Solution		Usage
HPE OneView Advanced	HPE OneView Advanced	single-pane management and monitoring for selected HPE devices
HPE ProLiant	HPE ProLiant	industry-leading server platform for a broad range of workloads
HPE Simplivity	HPE Simplivity	purpose-built hyperconverged solution

NEW QUESTION 12
- (Exam Topic 1)
Match each characteristic to the appropriate RAID level.

Answer Area

RAID level		Characteristic
Raid0		double parity striped across all disks
Raid1		if one disk fails, all data is lost
Raid5		requires a minimum of 3 disk drives
Raid6		requires 50% of raw capacity for fault protection

A. Mastered
B. Not Mastered

Answer: A

Explanation:

RAID level		Characteristic
Raid0	Raid6	double parity striped across all disks
Raid1	Raid0	if one disk fails, all data is lost
Raid5	Raid5	requires a minimum of 3 disk drives
Raid6	Raid1	requires 50% of raw capacity for fault protection

NEW QUESTION 17
- (Exam Topic 1)
A customer needs a shared storage solution for a virtualization platform that will host a database application. The customer is considering an HPE Nimble array. Which feature would lead you to propose an HPE Nimble AF40 over an HPE 3PAR All Flash array?

A. Fibre Channel Connectivity
B. 10Gb iSCSI support
C. Supported by Infosight for predictive analytics

D. Predictable performance event with one failed controller

Answer: C

NEW QUESTION 22
- (Exam Topic 1)
Which HPE solution brings together CPU, Memory, and Disk with an unpredictable workload into a single management infrastructure?

A. dHCI
B. SimpliVity
C. Nimble
D. Primera

Answer: B

NEW QUESTION 26
- (Exam Topic 1)
A security client needs a surveillance solution to support 239 Cameras. They expect to generate 2PB of data and require a 10Gb network infrastructure in a single rack.
Which solution should you recommend to meet the customer requirements?

A. HPE Moonshot
B. HPE MSA
C. HPE Apollo Servers
D. HPE SimplVity 380

Answer: C

NEW QUESTION 31
- (Exam Topic 1)
A customer needs to verify inbound packet statistics for interface. Ten-GigabitEthernet 1/0/10 on an HPE FlexFabric 5900 series switch used by an iSCSI storage array.
Which command can be used in the CLI to perform this operation?

A. show inbound counters port 1/0/10
B. display counters inbound interface Ten-GigabitEthernet 1/0/10
C. display all statistics from port 1/0/10
D. interface Ten-GigabitEthernet 1/0/10 show counters

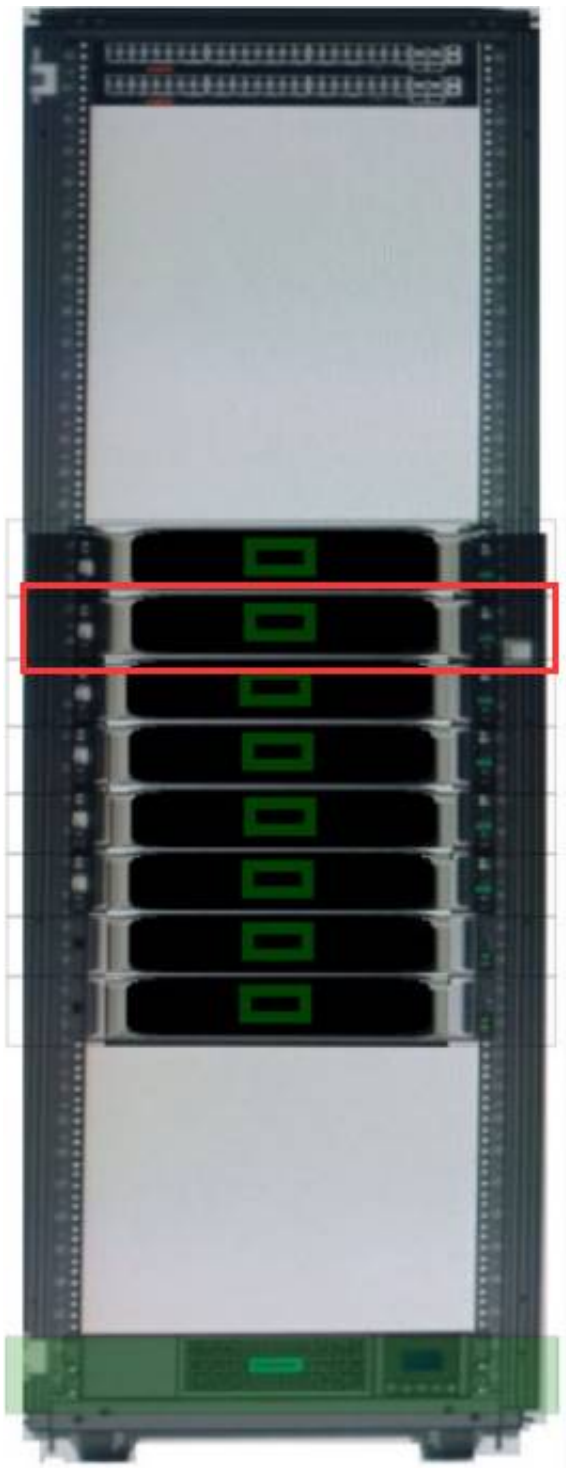
Answer: D

NEW QUESTION 35
- (Exam Topic 1)
A solution integrator is installing new equipment to the rack.
Click the recommended location for HPE R/T3000 Extended Runtime Module.
Hot Area:

A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 40
- (Exam Topic 1)
Refer to the exhibit.

Qty	Product Description
1	HPE StoreOnce 3620 24TB System
1	HPE StoreOnce Encryption E-LTU
1	HPE 3Y Foundation Care 24x7 SVC
1	HPE StoreOnce 3620 24TB System Support

A customer has been using VEEAM and the HPE StoreOnce 3620 shown in the exhibit to backup their environment. The customer's legal team has asked to double their retention times for all backup sets, and they are starting to run out of space on the StoreOnce.
Which options could you recommend that the customer add to their existing configuration to accommodate the new requirement? (Select two. Each option represents a separate solution.)

A. HPE StoreOnce Cloud Bank Storage
B. HPE StoreOnce 3620 24TB Capacity Upgrade Kit
C. HPE StoreOnce Gen4 16Gb Fibre Channel Network Card
D. HPE StoreOnce Gen4 10/25Gb SFP Network card
E. HPE D3710 Storag

Answer: BD

NEW QUESTION 44
- (Exam Topic 1)
A customer has the following requirements: two or more 10Gb SFP+ uplinks
downlink ports capable of 1Gb or 10Gb operation over CAT6a or CAT7 cables
24 downlink ports Which HPE tool would you use to help choose an HPE network solution that meets the customer requirements?

A. HPE Switch Selector
B. HPE NinjaSTARS
C. HPE SAF
D. HPE SPOCK

Answer: D

NEW QUESTION 45
- (Exam Topic 1)
You are validating a configuration prior to quoting it for the customer. You plan to propose the following configuration:
Two HPE DL380 Gen10 servers with dual processors, 256GB of memory, dual 10Gb NICs, SN1100Q 16Gb dual port FC HBA, dual 800W power supplies, and high temperature fan kit
HPE Nimble HF20H with 11TB storage, 960GB of cache, dual port 10GbE NIC, and 16Gb dual port FC adapter kit
Two SN3000B FC Switches
Which tool should you use to verify firmware compatibility between the storage and server components in this proposed solution?

A. HPE NinjaSTARS
B. HPE One Configuration Advanced
C. HPE OneView Advanced
D. HPE SPOCK

Answer: D

NEW QUESTION 49
- (Exam Topic 1)
Refer to the exhibit.

Processor Option Kits (Required Processor)
2nd Generation Intel Xeon-Platinum
HPE DL380 Gen10 Intel Xeon-Platinum 8280M (2.7GHz/28-core/205W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8280L (2.7GHz/28-core/205W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8280 (2.7GHz/28-core/205W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8276M (2.2GHz/28-core/165W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8276L (2.2GHz/28-core/165W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8276 (2.2GHz/28-core/165W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8270 (2.7GHz/26-core/205W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8268 (2.9GHz/24-core/205W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8260Y (2.4GHz/24-20-16-core/165W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8260M (2.4GHz/24-core/165W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8260L (2.4GHz/24-core/165W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8260 (2.4GHz/24-core/165W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8256 (3.8GHz/4-core/105W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8253 (2.2GHz/16-core/125W) FIO Processor Kit
1st Generation Intel Xeon-Platinum
HPE DL380 Gen10 Intel Xeon-Platinum 8180M (2.5GHz/28-core/205W) FIO Processor Kit

A customer has two HPE ProLiant DL380 Gen10 servers running as an Oracle cluster. They are trying to reduce licensing costs and want to move to the best processor available from the list to minimize licensing costs while still providing a high level of performance for the Oracle database.
Which DL380 Gen10 processor would you recommend?

A. Intel Xeon-Platinum 8280M
B. Intel Xeon-Platinum 8280
C. Intel Xeon-Platinum 8256
D. Intel Xeon-Platinum 8253

Answer: D

NEW QUESTION 52
- (Exam Topic 1)
What is an access port on an Ethernet switch?

A. A port that carries FCP frames inside the network
B. A port that carries mulitple VLANs
C. A port that is connected to an FCF
D. A port that carries untagged frames inside the network

Answer: D

NEW QUESTION 53
- (Exam Topic 1)
A customer is planning to deploy a branch office server rack. The environment will have the following requirements:
Single rack with 20 HPE ProLiant DL360 Gen10 Servers. Each Server will have 6 x 10G SFP+ Ports.
Each Server will have a dedicated iLO port.
The customer requires that only two switches be used. The customer requires separate control planes.

Which switch configuration can meet these requirements?

A. 2 x HPE 5945 Series switch with IRF
B. 2 x Aruba 8325 Series switches with VSX
C. 2 x HPE 5945 Series switches standalone
D. 2 x Aruba 8325 Series switches with backplane stacking

Answer: A

NEW QUESTION 57
- (Exam Topic 2)
A customer has a small branch office that requires a tower-based server solution. The customer runs office-based applications and wants lights-out management capability.
Which HPE server family meets the customer's needs?

A. ProLiant ML
B. ProLiant DL
C. ProLiant BL
D. ProLiant MicroServer

Answer: A

NEW QUESTION 58
- (Exam Topic 2)
You need to install 10 HPE ProLiant servers in an environment without DHCP. Which tool can you use to set up remote management?

A. Intelligent Provisioning
B. UEFI System Utilities
C. Intelligent Management Center
D. iLO 5 Configuration Utility

Answer: C

NEW QUESTION 63
- (Exam Topic 2)
A customer is building out their rack of servers and storage systems. They need a high-performance network with a simple centralized management capability and deep buffer support for iSCSI. They expect high growth in their virtualization environment.
Which solution will best meet the customer's needs?

A. Aruba
B. Altoline
C. Arista
D. FlexFabric

Answer: D

NEW QUESTION 67
- (Exam Topic 2)
Match each workload profile description with the corresponding profile. (Select all that apply.)

Profile		Description
Mission Critical		Maximizes processor speed
Transactional Application Processing		Large number of database operations
General Peak Frequency Compute		Trades performance for reliability

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Missing Critical - Large number of database operations
Transactional Application Processing - Trades performance for reliability
General Peak Frequency Compute - Maximize processor speed

NEW QUESTION 69

- (Exam Topic 2)
You are creating an internal array on an HPE ProLiant server. What can you do to maximize the storage space efficiency?

A. Populate drive bays with the smallest-capacity drive first.
B. Install drives that have the same capacity.
C. Match the device numbers for the drives with their bay numbers.
D. Populate drive bays with the largest-capacity drive first.

Answer: B

NEW QUESTION 72
- (Exam Topic 2)
You are configuring a FlexFabric switch for a customer environment. The customer has requested specific SFP+ transceivers, power options, and cables.
Which HPE tool enables you to select and configure a switch according to precise specifications?

A. Single Point of Connectivity Knowledge (SPOCK)
B. Networking Online Configurator
C. One Config Simple (OCS)
D. Switch Selector

Answer: C

NEW QUESTION 74
- (Exam Topic 2)
A fast-growing customer with a NAS-based storage solution is evaluating Fibre Channel storage for their VMware environment.
How would this customer benefit from adding 16 Gb Fibre Channel storage to their environment? (Choose two.)

A. increased performance
B. simplified connectivity
C. increased simplicity
D. reduced latency
E. simplified administration

Answer: AD

NEW QUESTION 76
- (Exam Topic 2)
In which layer of the OSI model would you find an IP address?

A. Application
B. Network
C. Physical
D. Data link

Answer: B

NEW QUESTION 77
- (Exam Topic 2)
A customer needs to enable HPE Proactive Care and automated case creation for server hardware failures in their OneView environment.
Which step do you need to complete in OneView to accomplish these tasks?

A. Enable remote support from the Settings page.
B. Apply the OneView Advanced monitoring license.
C. Add the hosts to the managed devices group.
D. Configure proactive scan reports.

Answer: A

NEW QUESTION 79
- (Exam Topic 2)
A customer has an application that consumes 500 GB storage and requires an RTO and PRO of 15 minutes.
Which backup and recovery technology enables the customer to meet their requirements in the most cost-effective manner?

A. offsite tape backup
B. remote storage replication
C. log shipping
D. disk-to-disk appliance

Answer: D

NEW QUESTION 81
- (Exam Topic 2)
A company needs a solution that provides SMB and NFS file shares. The solution must have a built-in data backup to Microsoft Azure.
Which HPE solution meets the customer’s needs?

A. StoreOnce 3520
B. StoreEasy 1000

C. StoreOnce VSA
D. StoreVirtual VSA

Answer: B

NEW QUESTION 86
- (Exam Topic 2)
A customer needs a solution that will maintain data availability in their campus location. They require a multi-node system that can sustain multiple failures, including a full building outage.
Which HPE storage platform meets the customer's needs?

A. Nimble
B. StoreVirtual
C. StoreEasy
D. MSA

Answer: D

NEW QUESTION 89
- (Exam Topic 2)
You are creating a logical array on an HPE ProLiant server. The customer asks you to use drives with different capacities in a single array.
What should you explain to this customer?

A. Using drives with different capacities in a single array increases the chance of disk failure
B. The extra capacity of the larger drives will not be utilized
C. The process to create the array will fail, and the server will not boot
D. The RAID level will be set at RAID 0 automatically

Answer: B

NEW QUESTION 91
- (Exam Topic 2)
A customer is planning an upgrade to their network. They need to combine multiple existing switches into one virtual device.
Which technology should the customer configure on their existing switches?

A. Multi-chassis Link Aggregation (MLAG)
B. Link Aggregation Control Protocol (LACP)
C. Rapid Spanning Tree Protocol (RSTP)
D. Intelligent Resilient Framework (IRF)

Answer: D

NEW QUESTION 92
- (Exam Topic 2)
You are designing a solution to run a Citrix XenDesktop workload.
Which HPE planning and designing resource contains a detailed example of this type of solution, including a list of all the hardware and software components?

A. Sales Builder for Windows
B. Product Bulletin
C. Smart Selling Tool
D. Reference Architecture

Answer: D

NEW QUESTION 96
- (Exam Topic 2)
You are troubleshooting HPE ProLiant servers for a customer. The customer has granted you read-only access to HPE OneView. You need to download the audit log from OneView.
Which permission level should the customer give you?

A. Network administrator
B. Infrastructure administrator
C. Backup administrator
D. Server administrator

Answer: D

NEW QUESTION 100
- (Exam Topic 2)
A customer has implemented an HPE ProLiant server with internal storage and needs to monitor the array health status.
Which management application can the customer use to discover errors quickly and minimize the possible downtime?

A. Insight Online
B. Smart Storage Administrator
C. Intelligent Management Center
D. InfoSight

Answer: B

NEW QUESTION 104
- (Exam Topic 2)
You are installing a rack at customer site.
How can you ensure redundant power to the rack?

A. Install two power distribution units (PDUs) with each one connected to a power socket supplied by an independent electrical power source.
B. Ensure 3-phase power is available in the data center.
C. Connect an uninterruptible power supply (UPS) to redundant circuit breakers at the facility power source.
D. Use two different power cords to connect the server to the power grid at the customer site.

Answer: C

NEW QUESTION 108
- (Exam Topic 2)
A customer requires an entry-level, all-flash system with predictable performance at the lowest possible price. They have performance-sensitive workloads that require speed and efficiency.
Which HPE storage system needs the customer's requirements?

A. Nimble CS1000
B. Nimble SFA
C. Nimble AF1000
D. Nimble AF5000

Answer: B

NEW QUESTION 113
- (Exam Topic 2)
A customer has a branch office that needs a local file server. The branch office does not have a server rack. For backup performance, the server must have two processors.
Which HPE server should the company install?

A. ProLiant ML350 Gen10
B. ProLiant ML110 Gen9
C. ProLiant BL460c Gen10
D. ProLiant DL360 Gen10

Answer: A

NEW QUESTION 117
- (Exam Topic 2)
A customer requires 12 Gb local storage for their VMware boot volumes, which require high-performance read cycles to enable the operating system to boot quickly.
Which drive type provides the most appropriate size and most cost-effective way to meet this requirement?

A. Mixed-use SSD
B. Flash media drive
C. SATA nearline
D. SAS midline

Answer: B

NEW QUESTION 122
- (Exam Topic 2)
ou are designing a system for a customer that runs an OLTP application. The customer has SAN based storage. They need to accelerate application performance.
Which HPE ProLiant Gen10 feature set will address this customer's needs?

A. intelligent system tuning
B. intelligent provisioning
C. CNSA suite
D. scalable persistent memory

Answer: A

NEW QUESTION 126
- (Exam Topic 2)
Which component of HPE iLO provides continuous monitoring of more than 1600 parameters?

A. insight Diagnostics
B. Active Health System
C. Insight Remote Support
D. Silicon root of trust

Answer: B

NEW QUESTION 128
- (Exam Topic 2)
You are installing a HPE MSA storage system and need to connect the power cooling module (PCM). What should you do to ensure power redundancy?

A. Ensure that a physical service processor is properly connected to each PCM
B. Verify that each cooling fan is cabled to a separate controller
C. Connect each PCM within a shelf to a different power distribution unit (PDU)
D. Connect redundant power cords from the PCM controller to independent power supplies

Answer: C

NEW QUESTION 129
- (Exam Topic 2)
You are working on a server, and you notice that the blue UID light on the server is flashing slowly. What does this indicate?

A. The host server is in standby mode
B. The system is being managed remotely
C. The host has rebooted and is performing POST actions
D. The system is experiencing power issues

Answer: B

NEW QUESTION 132
- (Exam Topic 2)
You are managing a HPE ProLinat rack-mount server and need to determine when the Remote Console was most recently used.
Where can you find this information?

A. System
B. IML
C. iLO
D. Audit

Answer: C

NEW QUESTION 133
- (Exam Topic 2)
A customer needs Layer 2 switches that provide basic functionality. In the future, this customer might need to use the switches' CLI to configure VLAN and STP features.
Which category of the switches does meet the customer's needs?

A. unmanaged
B. managed
C. VLAN-based
D. software distributed switch

Answer: B

NEW QUESTION 134
- (Exam Topic 2)
You are installing an HPE StoreOnce backup system in a customer's environment. They need a simple and cost-effective method to centralize and automate the backup of multiple servers (file, virtualization, database). They also need the ability to integrate with an existing third-party backup software.
How must you configure the StoreOnce system to meet the customer's requirements?

A. block device
B. replication target
C. NDMP target
D. VTL device

Answer: D

NEW QUESTION 139
- (Exam Topic 2)
You are onsite at a customer location to install a new network switch. The customer wants users to be able to manage the switch through the IP network.
How should you connect the switch to the network?

A. Configure multiple user IDs or roles for the console connection
B. Configure the management IP address on the switch and enable Telnet or SSH access
C. Use a dedicated console cable to create a dedicated management network for every user
D. Connect the switch to the network by using the serial cable that ships with the switch

Answer: B

NEW QUESTION 144
- (Exam Topic 2)
A customer is planning an upgrade to their network infrastructure. They want to move to an open networking solution, and they want to install a network switch that supports their choice of network operating system.
Which HPE product family will meet the customer's needs?

A. Altoline
B. FlexFabric
C. Arista
D. Aruba

Answer: A

NEW QUESTION 148
- (Exam Topic 2)
You are designing a system for a customer that has a contract with a government agency. The contract requires the highest level of security algorithms possible. Which HPE ProLiant Gen10 feature set will address this customer's needs?

A. CNSA mode
B. FIPS 140-2 mode
C. high security mode
D. production mode

Answer: A

NEW QUESTION 150
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