

Exam Questions HPE0-V14

Building HPE Hybrid IT Solutions

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NEW QUESTION 1

- (Exam Topic 1)

A customer requires a management solution that will provide email notifications if hardware errors occur on their servers. Which management solution provides this functionality?

- A. UEFI System Configuration
- B. iLO Advanced Edition
- C. HPE SUM
- D. HPE SUT

Answer: B

NEW QUESTION 2

- (Exam Topic 1)

What should you configure to limit the scope of broadcast domains in an Ethernet network?

- A. Trunks
- B. VSAN
- C. Static ARP
- D. VLAN

Answer: D

NEW QUESTION 3

- (Exam Topic 1)

A customer has a VMware environment with HPE ProLiant servers and Nimble storage. They have been using a Windows VM to provide file services for their employees.

The customer is experiencing performance issues with the solution due to memory constraints on the virtual environment.

What could be added to the existing environment that will provide dedicated file services with better performance that would still utilize the existing storage and backup solutions?

- A. HPE StoreEver 30750
- B. HPE Storage Performance File Controller
- C. HPE StoreEasy 1460 Storage
- D. HPE StoreEasy 1650 Expanded Storage

Answer: C

NEW QUESTION 4

- (Exam Topic 1)

A customer wants to install an HPE ProLiant server that has a single dual port 10Gb NIC.

Which NIC feature should you introduce to allow each 10Gb port to be seen as four individual adapters in the operating system?

- A. NPAR
- B. RoCE
- C. FCoE
- D. RDMA

Answer: A

NEW QUESTION 5

- (Exam Topic 1)

Match each HPE solution to its optimal use case.

Select and Place:

Answer Area

HPE Solution

Use Case

HPE ProLiant
Microserver

General Purpose Computing, Virtualization
Clusters, Enterprise Applications

HPE ProLiant
ML/DL

NAS Storage, File Sync and Share for
Remote/Mobile users

HPE StoreEasy

Remote Office, Low Cost, Quiet Operation,
Office environment

HPE StoreOnce

Space-efficient Backups, Backup Replication,
Cloud-based Archiving

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Select and Place:

Answer Area

HPE Solution		Use Case
HPE Proliant Microserver	HPE Proliant ML/DL	General Purpose Computing, Virtualization Clusters, Enterprise Applications
HPE Proliant ML/DL	HPE StoreEasy	NAS Storage, File Sync and Share for Remote/Mobile users
HPE StoreEasy	HPE Proliant Microserver	Remote Office, Low Cost, Quiet Operation, Office environment
HPE StoreOnce	HPE StoreOnce	Space-efficient Backups, Backup Replication, Cloud-based Archiving

NEW QUESTION 6

- (Exam Topic 1)

A customer needs NFS access on a fiber channel array.

What must be included in the solution to meet this requirement?

- A. StoreEver
- B. Storage File Controller
- C. Smart Array Controller
- D. StoreOnce RMC

Answer: B

NEW QUESTION 7

- (Exam Topic 1)

A customer needs a virtual desktop infrastructure environment to quickly deploy new desktop images to more than 70 onsite contractors. They plan to use HPE ProLiant DL360 Gen10 servers running VMware ESXi connected to a shared storage device. The customer requires deduplication because they are concerned about the required storage capacity for the full clone images.

Which storage device would best address their concerns?

- A. HPE MSA 1040
- B. HPE MSA 2052
- C. HPE Nimble AF20
- D. HPE Nimble HF20C

Answer: D

NEW QUESTION 8

- (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 9

- (Exam Topic 1)

What does StoreOnce use to allow independent software vendors (ISV) to be aware of the HPE StoreOnce Backup system and its capabilities without emulation?

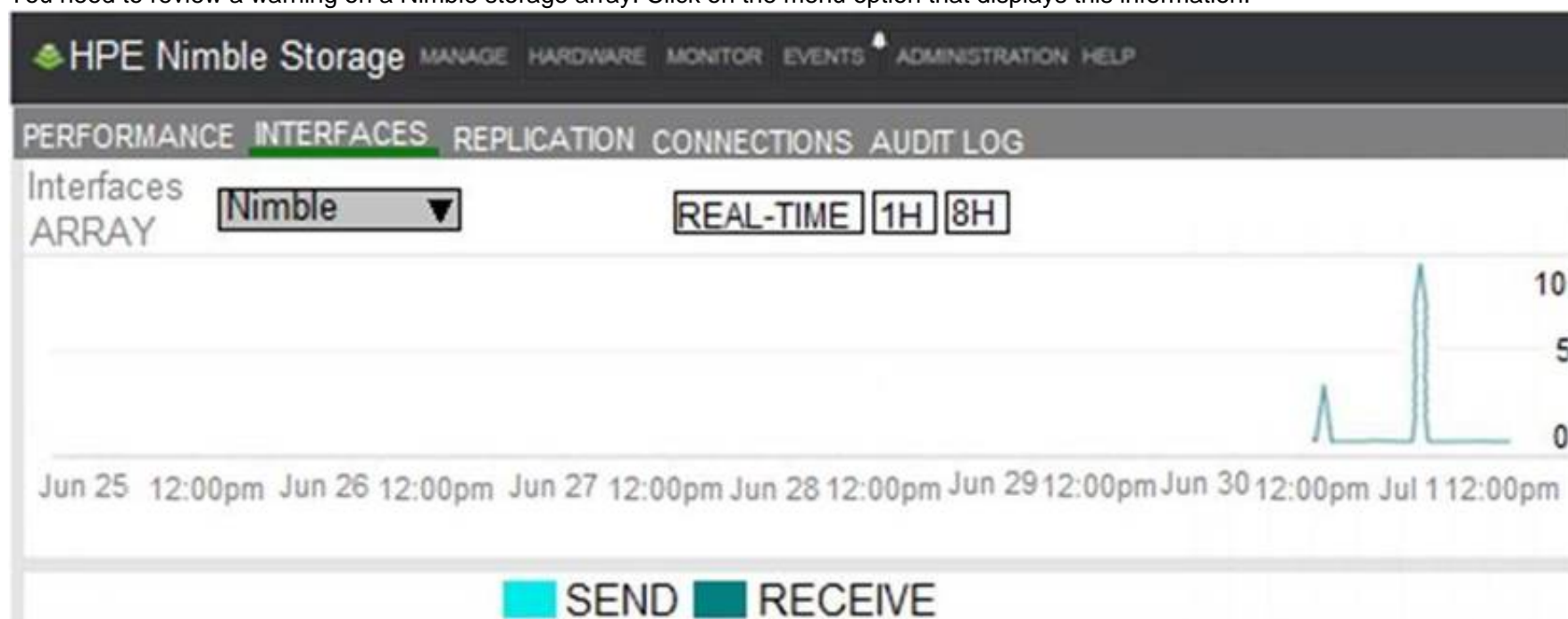
- A. Recovery Manager Central
- B. Catalyst Target
- C. Virtual Tape Library
- D. NAS Target

Answer: A

NEW QUESTION 10

- (Exam Topic 1)

You need to review a warning on a Nimble storage array. Click on the menu option that displays this information.

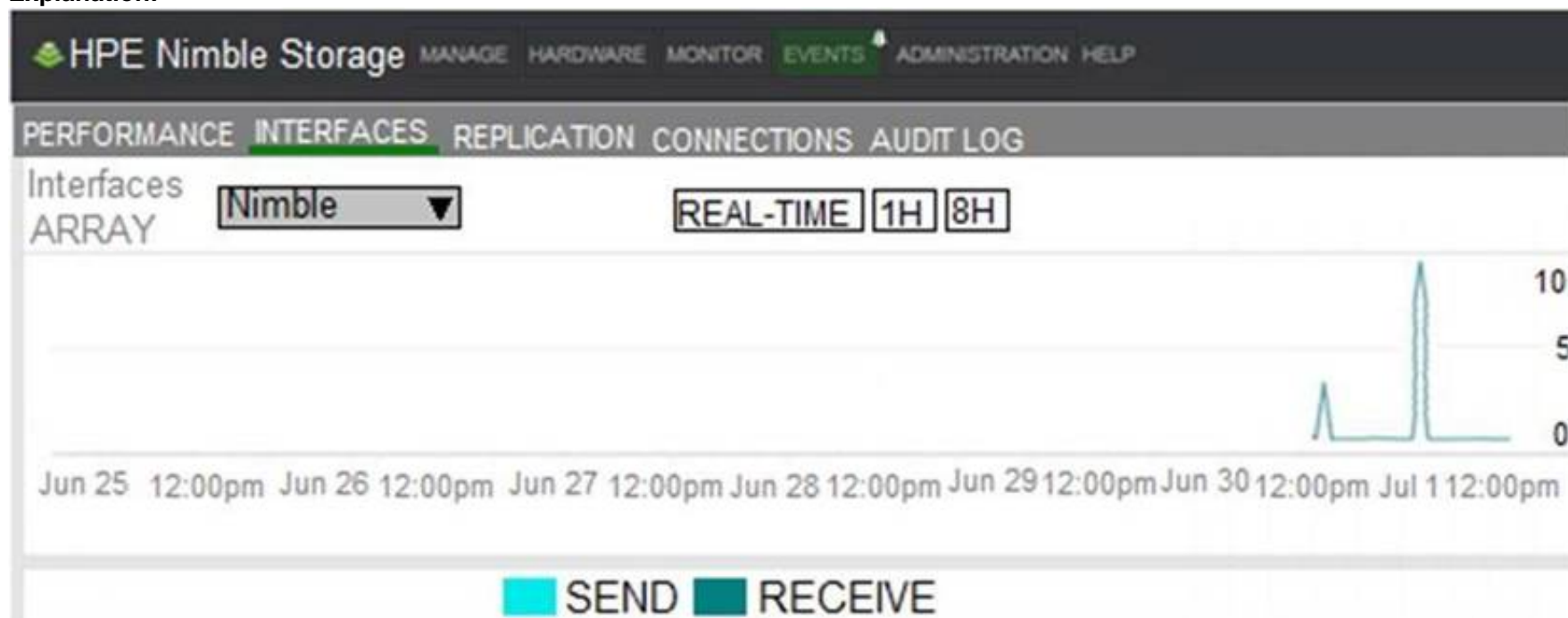


A. Mastered

B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 10

- (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?

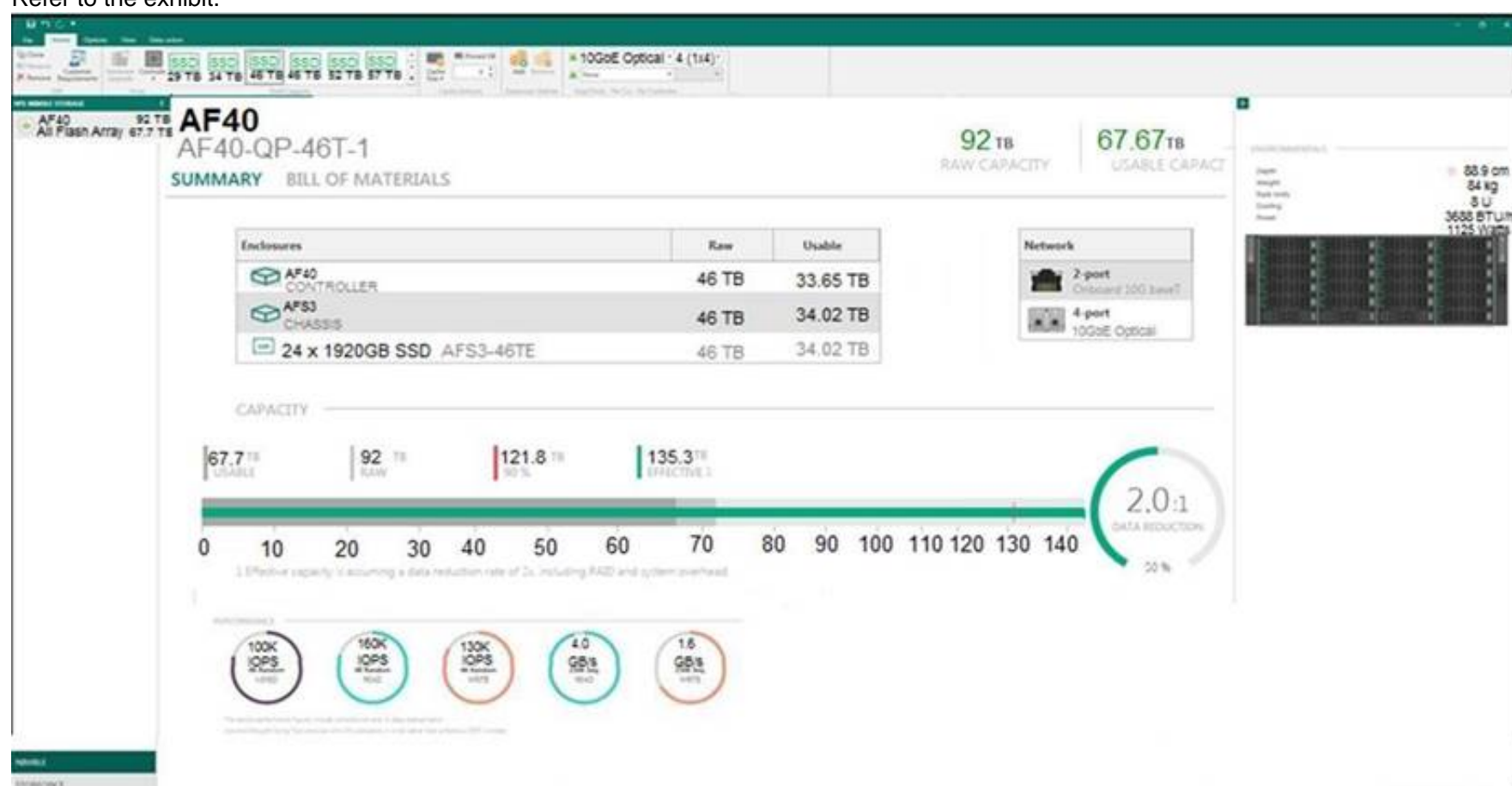
- A. Intel Xeon-Platinum 8280M
- B. Intel Xeon-Platinum 8280
- C. Intel Xeon-Platinum 8256
- D. Intel Xeon-Platinum 8253

Answer: D

NEW QUESTION 12

- (Exam Topic 1)

Refer to the exhibit.



You are designing a new Nimble AF40 for your customer. The array will be added into an existing Nimble HF60 environment connected with SN6000B switches. You have created the configuration shown in the exhibit and noticed an error. What should you change in your configuration to ensure it meets the customer requirements?

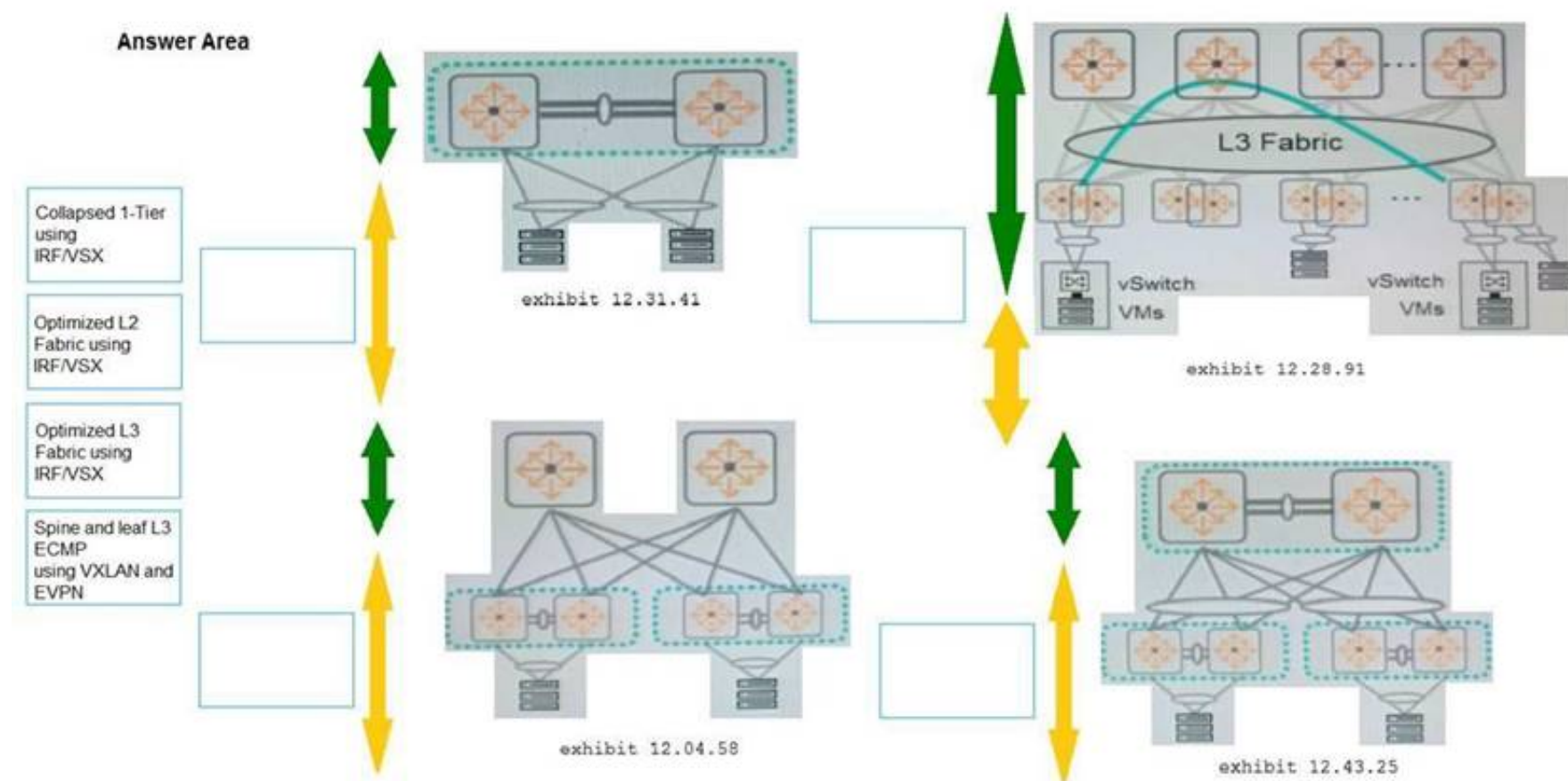
- A. Change the controller to an AF20.
- B. Change the 10GbE Optical ports to Fibre Channel.
- C. Change the 10GbE Optical ports to 10BaseT.
- D. Change the controller to an HF20H.

Answer: D

NEW QUESTION 14

- (Exam Topic 1)

Match each customer data center architecture to its network topology.

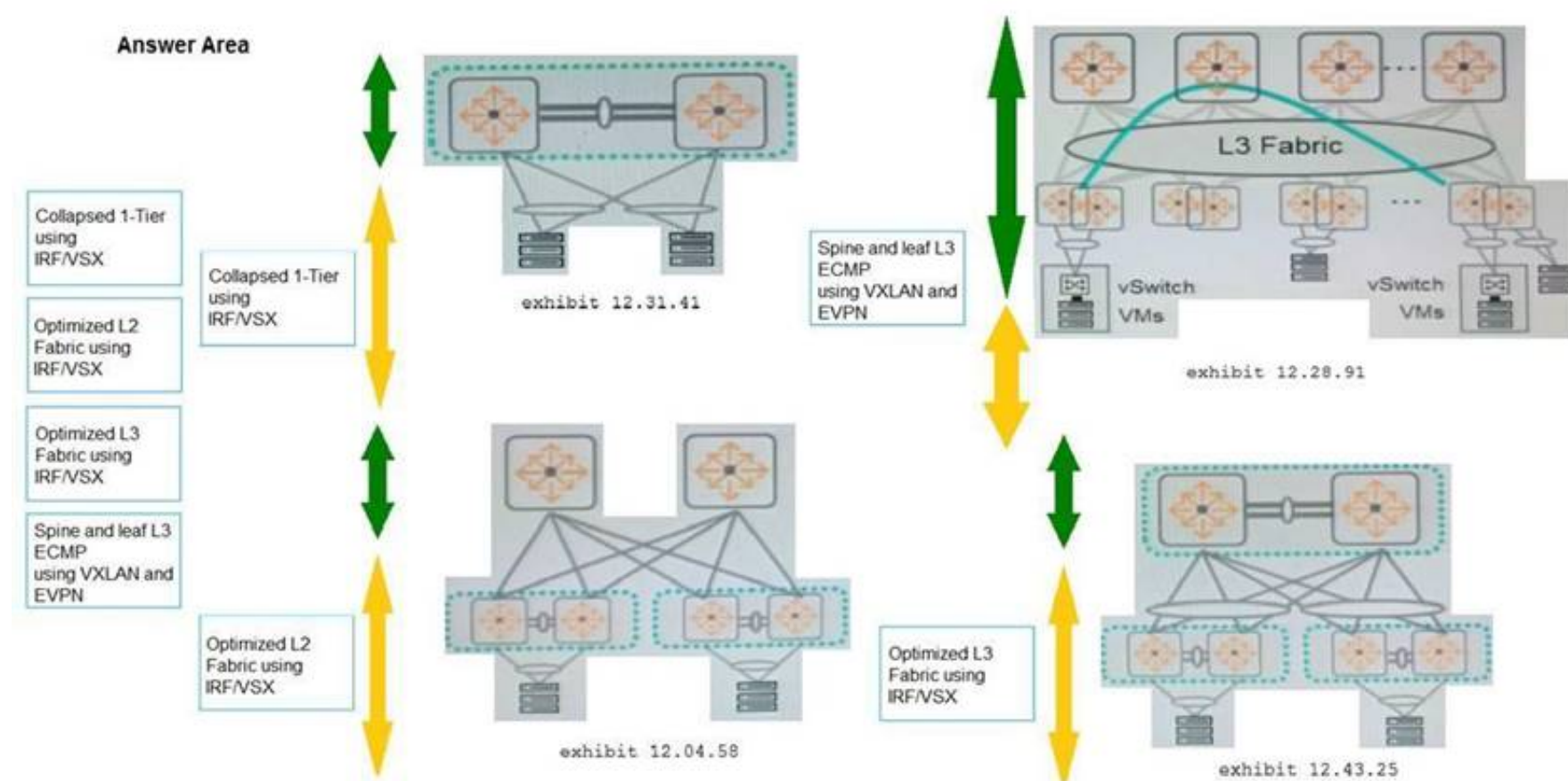


A. Mastered

B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 18

- (Exam Topic 2)

You are installing additional components to a server.

Which HPE resource provides Quickspecs that verify the compatibility of the server hardware with the server?

- A. iQuote Universal
- B. Smart Selling tool
- C. Product Bulletin
- D. SPOCK

Answer: C

NEW QUESTION 23

- (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 28

- (Exam Topic 2)

Match each workload profile description with the corresponding profile. (Select all that apply.)

Profile		Description
Mission Critical	<input type="text"/>	Maximizes processor speed
Transactional Application Processing	<input type="text"/>	Large number of database operations
General Peak Frequency Compute	<input type="text"/>	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 30

- (Exam Topic 2)

Which statement is true regarding configuring memory in an HPE ProLiant server?

- A. LRDIMMS in 64 GB and 128 GB can be mixed.
- B. RDIMM and LRDIMMs can be mixed in one system.
- C. Different capability DIMMs of the same speed can be mixed.
- D. The first CPU memory channel must be fully populated before the second.

Answer: C

NEW QUESTION 33

- (Exam Topic 2)

A customer needs to create a large RAID set for archive storage on large-capacity drives. Which RAID level is recommended for this customer?

- A. RAID 0
- B. RAID 5+0
- C. RAID 1+0
- D. RAID 6

Answer: D

NEW QUESTION 37

- (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 41

- (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 46

- (Exam Topic 2)

Match the HPE Tool with its use case. Select all that apply.

HPE Tool	Use Case
Single Point of Connectivity Knowledge (SPOCK)	Estimate the power and cooling requirements and weight for a rack of equipment.
One Config Advanced (OCA)	Check compatibility of storage components.
Products & Solutions Now (PSNow)	Download a technical presentation for a DL380 Gen10.
Ninja Stars	
iQuote	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

One Config Advanced (OCA) - Estimate the power and cooling requirements and weight for a rack of equipment
Single Point of Connectivity Knowledge (SPOCK) - Check compatibility of storage components
Products and solutions Now (PSNow) - Download a technical presentation for a DL380 Gen10

NEW QUESTION 51

- (Exam Topic 2)

Exhibit:

- 2vCPU
- 8 GB RAM
- 1 Gb dedicated network
- 50 GB Disk

Which HPE ProLiant Server meets the customer's requirements?

- ☐ HPE ProLiant DL360 Gen10 with:
 - 1 dual 1 GB NIC
 - 2 CPU
 - 4 10 Gb port NIC
 - 2 CNA
 - 4 10 Gb FlexLOM
- ☐ HPE ProLiant DL380 Gen10 with:
 - 1 dual 1 GB NIC
 - 2 CPU
 - 4 10 Gb port NIC
 - 2 FC HBA
 - 4 10 Gb FlexLOM
- ☐ HPE ProLiant DL380 Gen10 with:
 - 2 CPU
 - 4 10 Gb port NIC
 - 1 dual port FC HBA
 - 4 10 Gb FlexLOM
- ☐ HPE ProLiant DL360 Gen10 with:
 - 1 CPU
 - 4 10 Gb ports NIC
 - 2 FC HBA
 - 4 10 Gb FlexLOM

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: B

NEW QUESTION 53

- (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 56

- (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 59

- (Exam Topic 2)

Match the storage technology to the storage type.

Block

File

⋮

Answer Area

Technology	Type
	iSCSI
	CIFS
	SAN
	NFS

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

BLOCK = iSCSi
File = CIFS BLOCK = SAN
File = NFS

NEW QUESTION 60

- (Exam Topic 2)

You are installing a data center switch. Which methods are recommended to configure the switch? (Choose two.)

- A. Use out-of-band management with a dedicated management connection
- B. Use in-band management with an IP address and subnet mask that is reachable on the management network
- C. Use out-of-band management and keep the default settings
- D. Use in-band management and configure the AUX0 interface for scheme authentication

Answer: AB

NEW QUESTION 65

- (Exam Topic 2)

A customer requires a storage platform for their department data. They have a limited budget and will be sharing files among their Microsoft Windows environment. Which HPE storage platform meets the customer's needs?

- A. Nimble
- B. StoreOnce
- C. 3PAR StoreServ
- D. StoreEasy

Answer: D

NEW QUESTION 66

- (Exam Topic 2)

A customer needs to replace an existing storage array. The new array must be suitable for remote office deployment and support the following:

- Multi-protocol connectivity
- Flash-accelerated storage
- Low-cost midline SAS drives

Which HPE storage platform will meet these requirements?

- A. StoreVirtual VSA
- B. MSA
- C. SimpliVity
- D. StoreEasy

Answer: B

NEW QUESTION 71

- (Exam Topic 2)

A customer needs to support both network and storage traffic on their network, which includes Ethernet, iSCSi, and Fibre Channel devices. The customer is concerned about the large amount of cables coming from the various cards inserted in their rack servers, as well as the operational costs in their data center. Which component addresses these issues?

- A. Converged network adapter
- B. Dual-port 10 GbE FlexLOM
- C. Dynamic Smart Array controller
- D. Fibre Channel host bus adapter

Answer: A

NEW QUESTION 76

- (Exam Topic 2)

When installing servers in a rack, a customer has left gaps between the servers.

What should you tell this customer regarding the space between servers? (Select two.)

- A. It should be filled with blanking panels.
- B. It does not provide correct rack airflow.
- C. It provides easy access for servicing components.
- D. It allows for easier cable management.
- E. It allows for side-to-side component cooling.

Answer: AB

NEW QUESTION 81

- (Exam Topic 2)

A customer needs to know if the storage solution you proposed contains components that are compatible with existing products currently in the data center.

Which HPE resource should you use to provide this information?

- A. Storage Size
- B. One Config Advance (OCA)
- C. One Config Simple (OCS)
- D. Single Point of Connectivity Knowledge (SPOCK)

Answer: D

NEW QUESTION 85

- (Exam Topic 2)

A customer needs to centralize their backup environment for their branch office. They plan to use HPE StoreOnce with catalyst.

What should they implement within their backups software to minimize the network load on the remote site?

- A. source-side deduplication
- B. target-side deduplication
- C. thin provisioning
- D. native compression

Answer: A

NEW QUESTION 87

- (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 89

- (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 90

- (Exam Topic 2)

A customer reports that their new iSCSI MSA 2052 has failed. You find that the MSA is up and running, but the servers cannot mount their LUNs. Which troubleshooting steps should you prioritize? (Choose two.)

- A. Use Smart Storage Administrator (SSA) to view the STATS report on the MSA
- B. Use NIC teaming utility to validate the iSCSI initiator configuration
- C. Use remote console to check the switch port configuration
- D. Use remote console to validate the WWNs on the MSA
- E. Use remote console to ensure correct MSA port configuration

Answer: CE

NEW QUESTION 94

- (Exam Topic 2)

A customer needs to virtualize their storage across physical servers and storage environments. Which HPE solution meets the customer's needs?

- A. Nimble CS3000
- B. StoreVirtual 4335
- C. StoreVirtual VSA
- D. MSA 2050

Answer: C

NEW QUESTION 95

- (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 100

- (Exam Topic 2)

Match the feature to the lowest iLO5 license in which it is available

	Answer Area	
	License	Feature
HPE iLO Essentials		Automatic Secure Recovery of firmware
HPE iLO Scale-Out		Common Access Card (CAC) 2-factor authentication
HPE iLO Advanced		Virtual Media
HPE iLO Advanced Premium Security Edition		Secure Erase of NAND Data: Sanitization of flash parts to ensure a pristine server configuration for redeployment

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Last - last 3-2
1-1
3-3

NEW QUESTION 101

- (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 104

- (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 105

- (Exam Topic 2)

A customer plans to back up a file server that holds 2 TB of data. The customer wants to upgrade their network infrastructure to support backup and to implement a datacenter network solution.

Which solutions would HPE recommend to meet the customer needs? (Choose two.)

- A. FlexFabric 5900
- B. StoreEasy 1450
- C. StoreVirtual VSA
- D. Aruba 2900
- E. StoreOnce 3100

Answer: AE

NEW QUESTION 108

- (Exam Topic 2)

While troubleshooting a HPE ProLiant Gen10 rack-mount server, you determine that the current and backup system ROMs are corrupt.

What should be the next step to fix the server?

- A. Restore the system firmware from a USB drive
- B. Restore the system firmware from a UEFI shell prompt
- C. Replace the CMOS battery
- D. Restore the system firmware from the iLO repository
- E. Replace the system board

Answer: E

NEW QUESTION 111

- (Exam Topic 2)

You are managing a HPE ProLiant 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 114

- (Exam Topic 2)

A customer needs to deploy an application on a newly-installed HPE ProLiant server, but they report that the server is not online. They call you for remote support. The IP address on the production network cannot be reached. You are evaluating the probable root causes of this issue.

According to the troubleshooting methodology, what are next two steps? (Select two)

- A. Remote console into the ToR switch to check the server's port configuration.
- B. Log in to iLO to see if the server hardware and NIC are online and configured correctly.
- C. Use OneView to see if the server firmware is up-to-date
- D. Run insight Diagnostics on the Server
- E. Use Microsoft Remote Desktop or VNC to check the server's NIC and IP address configuration

Answer: BD

NEW QUESTION 116

- (Exam Topic 2)

You are installing new drives into the internal cage of a HPE ProLiant DL380 server. How is the drive device number set?

- A. The Smart Array controller assigns the device number automatically based on the bay
- B. HPE OneView uses the server profile to assign the device number
- C. The operating system assigns the device number automatically based on the drive installation order
- D. You must use Smart Storage Administrator to assign the device number

Answer: A

NEW QUESTION 119

- (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 120

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