HP

Exam Questions HPE0-V14

Building HPE Hybrid IT Solutions

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)
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 3
- (Exam Topic 1)
What is the correct cable type to use when connecting a pair of switches using Long Range (LR) Transceivers?

A. Direct Attach Cable (DAC)
B. Twin-Ax
C. Single Mode Fiber
D. Multi-mode Fiber

Answer: C

Explanation:
Single-mode uses a single relatively straight beam of light, transmitted directly through a core of glass (oroccasionally plastic) that's usually 50 microns across.
Single-mode accommodates large power levels, and isalmost exclusively used for Long Range (LR) applications.

NEW QUESTION 4
- (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 5
- (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 6
- (Exam Topic 1)
Match each characteristic to the correct storage type.

Answer Area

DAS		Allows access to volumes over FCP and iSCSI protocols
NAS		Ability to share file-based storage across an Ethernet network
Storage Array		Allows shared block level access over a network
		JBOD storage connected to one server using SAS

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

DAS	Storage Array	Allows access to volumes over FCP and iSCSI protocols
NAS	NAS	Ability to share file-based storage across an Ethernet network
Storage Array	Storage Array	Allows shared block level access over a network
	DAS	JBOD storage connected to one server using SAS

NEW QUESTION 7
- (Exam Topic 1)
A customer needs a new environment to support an ERP system. The sizing information you received shows the following requirements:
3 servers with dual AMD processors, 256GB RAM, and 10Gb network connectivity
10TB of high performance shared storage
Cloud-based performance monitoring and analytics
The customer prefers rack mounted equipment.
Identify the components that will meet the customer requirements, then drag the correct components on the left to their appropriate location in the environment on the right.

Answer Area

| DL385 Gen10 |
| DL380 Gen10 |
| ML110 Gen10 |
| SN3000B Switch |
| FlexFabric 5710 Switch |
| OfficeConnect 1850 6XGT Switch |
| Nimble AF20, with 10GbE |
| MSA2052, with 10GbE |
| D3000 |

Servers

Storage Interconnects   Network Interconnects
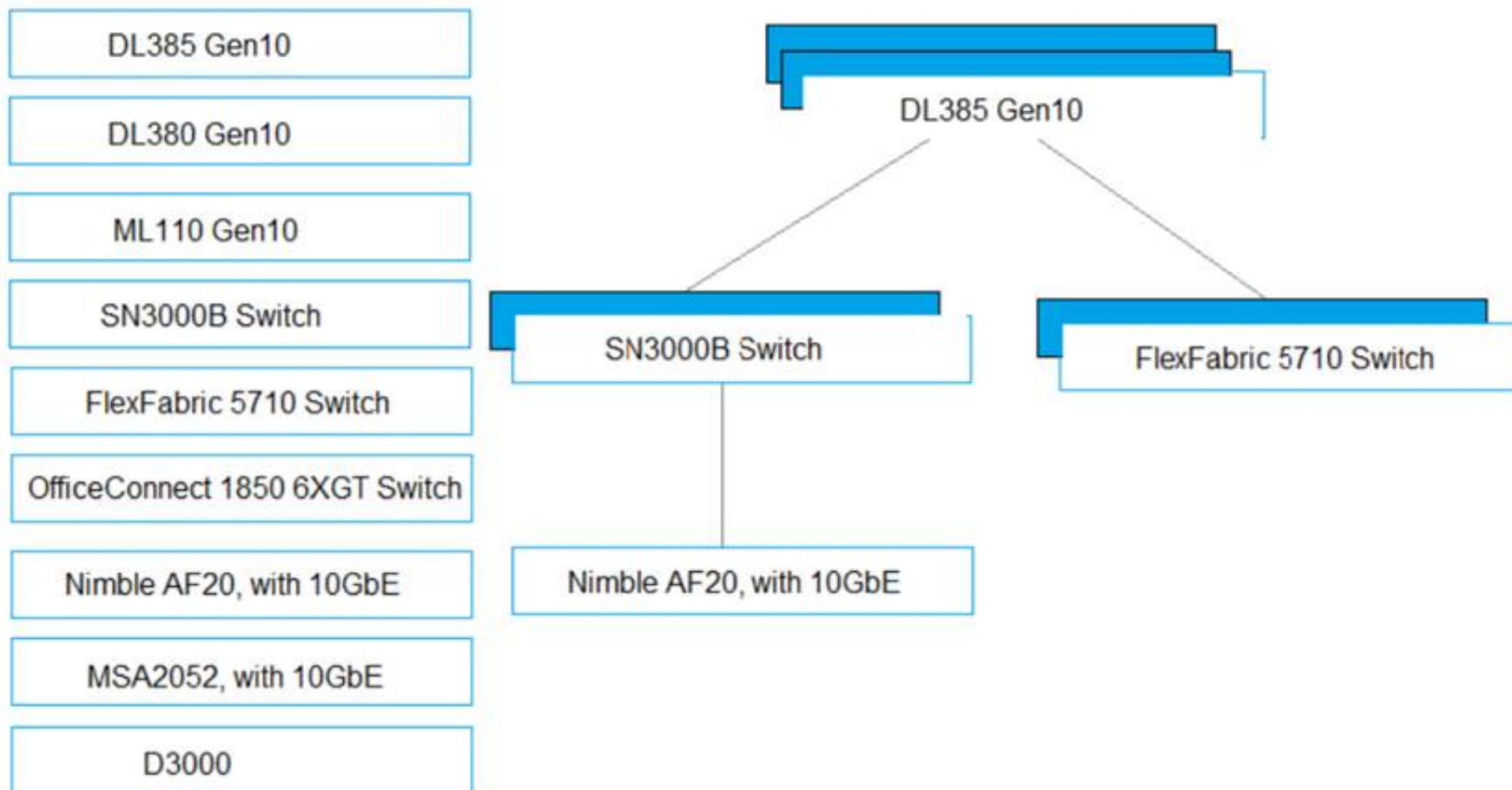
Storage

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

NEW QUESTION 8
- (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 9
- (Exam Topic 1)
A retail company recently implemented a Video surveillance solution. They now need an MSA storage solution with 100TB capacity. They want to be able to add more disk capacity if needed.
Which HPE tool can help you choose a storage solution, determine the total usable capacity, and create a BOM?

A. HPE SPOCK
B. HPE NinjaSTARS
C. HPE Storage Sizing Tool
D. HPE One Config Advanced

Answer: A

NEW QUESTION 10
- (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 10
- (Exam Topic 1)
Which backup targets are available from an HPE StoreOnce backup system? (Choose two.)

A. VTL
B. Catalyst
C. NVMe
D. S3
E. iSCSI

Answer: AB

NEW QUESTION 15
- (Exam Topic 1)
A solution integrator is installing new equipment to the rack.
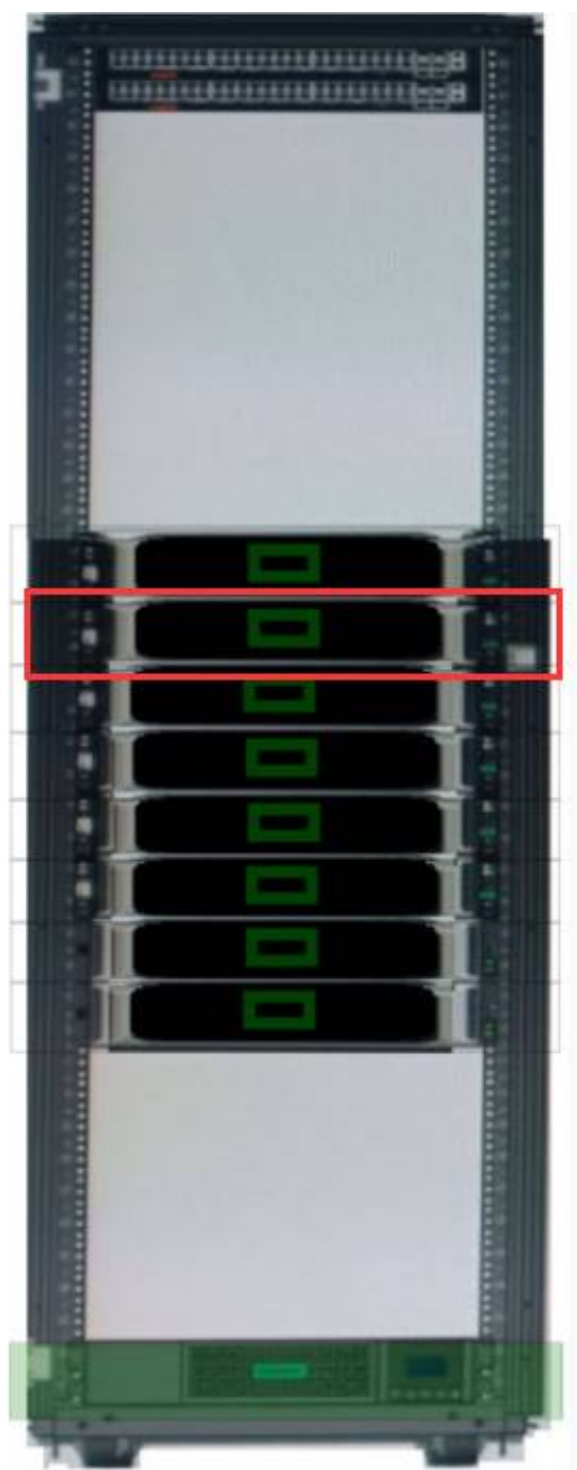Click the recommended location for HPE R/T3000 Extended Runtime Module.
Hot Area:

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 16
- (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 18
- (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 19
- (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?
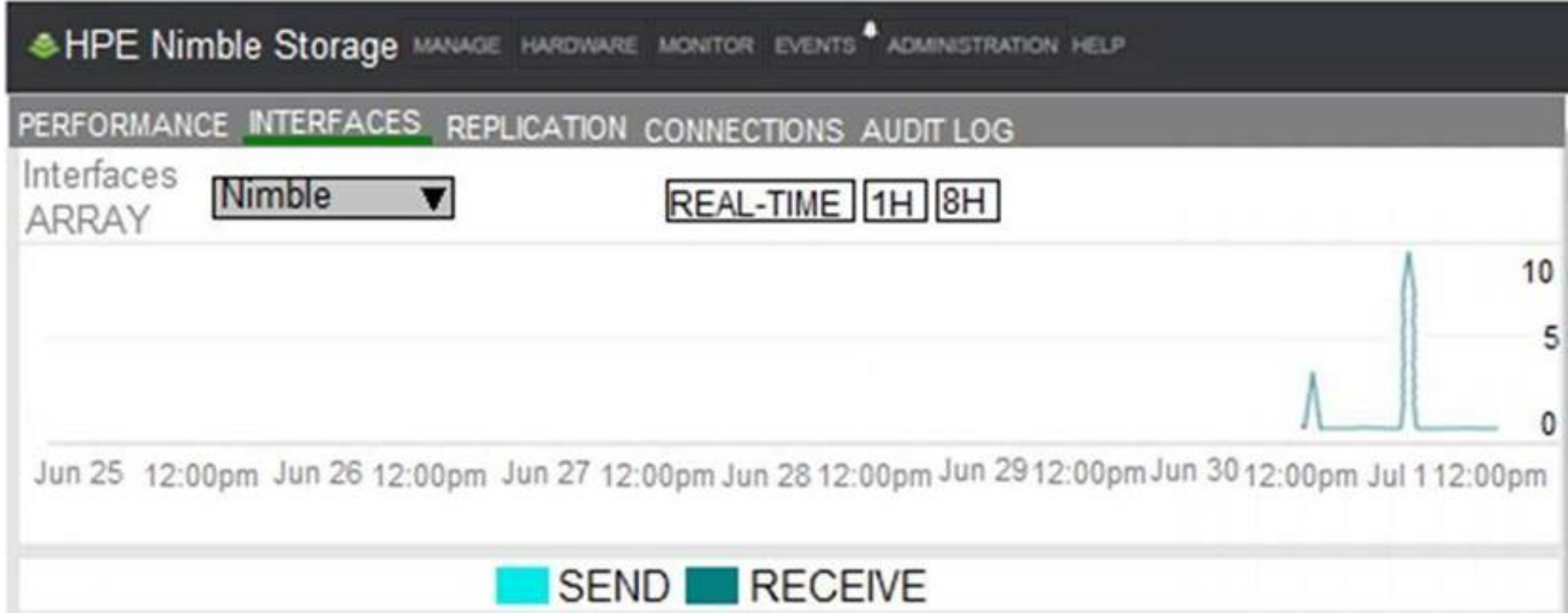
A. Recovery Manager Central
B. Catalyst Target
C. Virtual Tape Library
D. NAS Target
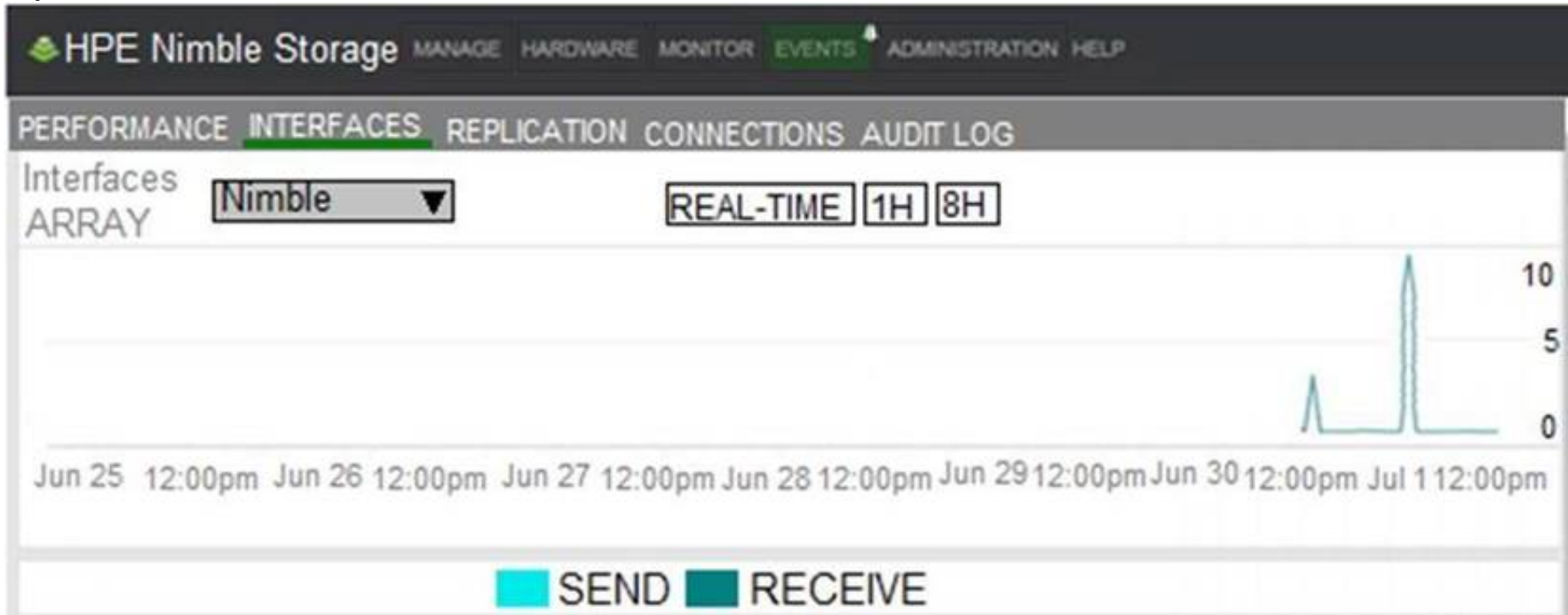
Answer: A

NEW QUESTION 20
- (Exam Topic 1)
You need to review a warning on a Nimble storage array. Click on the menu option that displays this information.
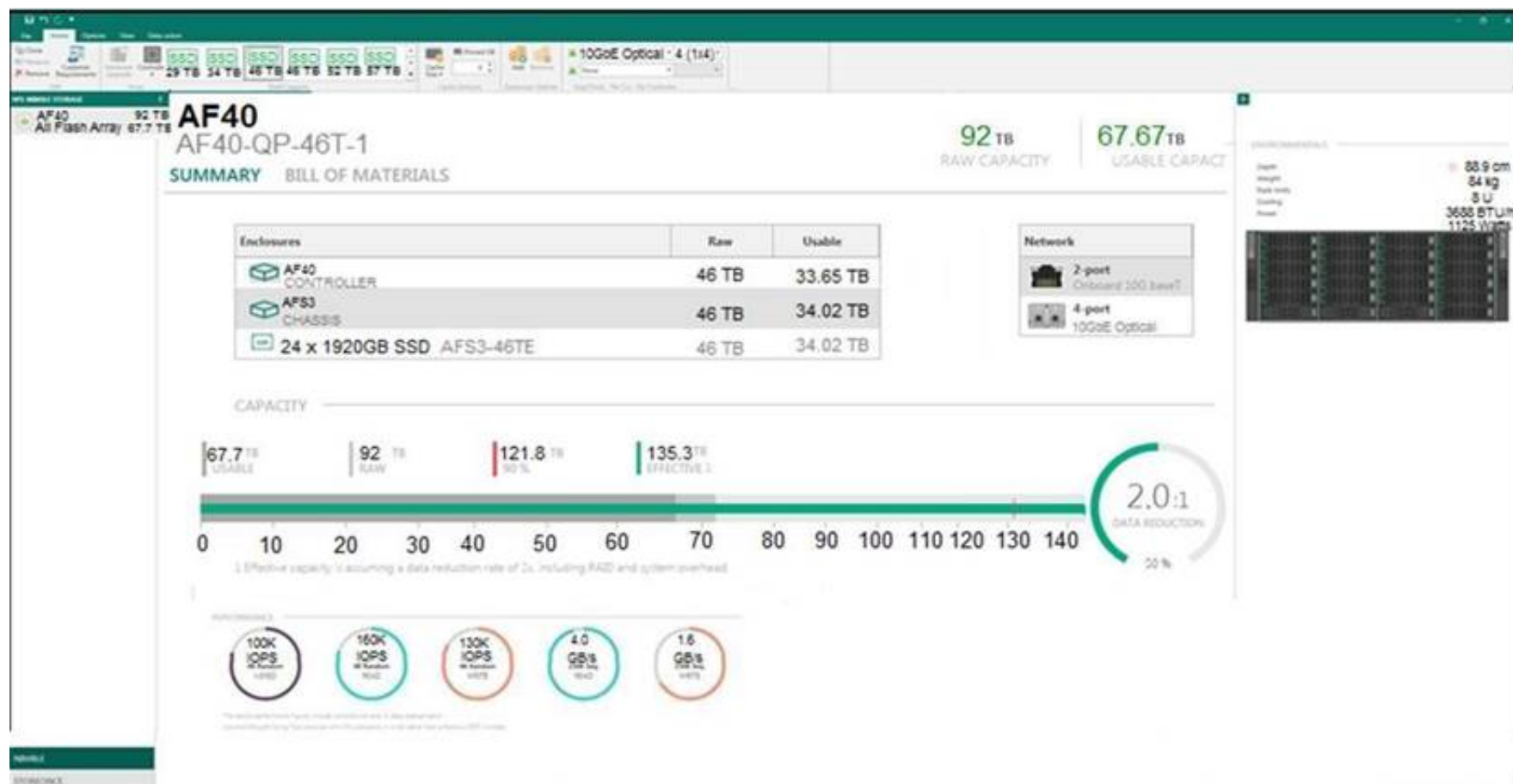

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 24
- (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 26
- (Exam Topic 1)
What is a feature of the MSA 1050 that will help your Storage Customer better utilize storage resources?

A. block, file, and object access
B. Triple+ parity RAID
C. Automated Tiering
D. 99.9999% guaranteed availability

Answer: C

NEW QUESTION 27
- (Exam Topic 1)
Refer to the exhibit.

```
admin> cfgshow

Defined configuration:
 cfg:        zone_cfg_1
             nimble_esx_1_zone
 zone:     nimble_esx_1_zone
             ESX1; NIMBLE1A
 alias:    ESX1 51:40:2e:c0:11:0b:a4:c0
 alias:    NIMBLE1A
             56:c9:ce:90:20:50:68:01

Effective configuration:
 cfg:      zone_cfg_1
 zone:     nimble_esx_1_zone
           51:40:2e:c0:11:0b:a4:c0
           56:c9:ce:90:20:50:68:01
```

When performing a code upgrade on an HPE Nimble array, you noticed a connection failure on ESX1. Refer to the exhibit showing the complete zoning configuration of one of the HPE SN3000B switches.
What should you do to ensure storage access is not interrupted when doing the next update?

A. Create and ISL between the two HPE SN3000B switches.
B. Create a new zone for ESX1 and the second storage controller.

C. Change the timeout values on the SN3000B switch.
D. Configure the same zone on a second HPE SN3000B.

Answer: C

NEW QUESTION 30
- (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 32
- (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 34
- (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 35
- (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 39
- (Exam Topic 2)
A customer requires an entry-level, all-flash storage system with predictable performance at the lowest possible price. They have performance-sensitive workloads that require speed and efficiency.
Which HPE storage system meets the customer's requirements?

A. 3PAR 8450
B. MSA 2052
C. StoreVirtual 4335
D. Nimble AF 1000

Answer: A

NEW QUESTION 41
- (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 43
- (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 48
- (Exam Topic 2)
A customer requires a high level of network bandwidth and reliability. You are installing a pair of HPE switches that can provide redundancy with multiple connections between them for high availability and faster throughput.
Which technology should you configure on the switches to enable the capability the customer requires?

A. Rapid Spanning Tree Protocol (RSTP)
B. Virtual Extensible Local Area Network (VxLAN)
C. Multichassis Link Aggregation (MLAG)
D. Multiple Spanning Tree Protocol (MSTP)

Answer: C

NEW QUESTION 53
- (Exam Topic 2)
Match the storage technology to the storage type.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
BLOCK = iSCSi
File = CIFS BLOCK = SAN
File = NFS

NEW QUESTION 57
- (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 62
- (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 64
- (Exam Topic 2)
You have completed a non-disruptive activation of firmware on an SN6000 switch. Which session must be restarted manually?

A. Enterprise Fabric Management Suite session
B. telnet session
C. SAN connection Manager session
D. QuickTools session

Answer: B

NEW QUESTION 65
- (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 66
- (Exam Topic 2)
You are working in a data center with multiple servers and need to update the iLO 5 user names and passwords on a regular basis.
Which tool enables you to streamline and automate this process?

A. Central Management Console
B. iLO Amplifier Pack
C. Agentless Management
D. RESTful API

Answer: B

NEW QUESTION 69
- (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 70
- (Exam Topic 2)
You are installing an HPE ProLiant server that has a shared network port for iLO and NIC teaming. You need to ensure that you can still access iLO after configuring the NIC team.
Which teaming technology should you configure?

A. round robin
B. switch-assisted load balancing
C. receive load balancing
D. network fault tolerance

Answer: D

NEW QUESTION 73
- (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 75
- (Exam Topic 2)
You are installing an HPE ProLiant server in a rack at a customer site. The customer's facility is in a high-voltage utility service area, and they want to be certain that the power supply is supported.
Which ProLiant feature addresses the customer's concern?

A. ProLiant servers can be configured for 380 – 400V AC in low-line and high-line utility service areas.
B. ProLiant servers support 240 V DC power supplies because components in a direct current line are less prone to failure.
C. Rack-mountable HPE servers ship with 110 V DC power supplies because direct current is less expensive for a low-line utility service over short distances.
D. ProLiant servers include auto-sensing power supplies with a power input range of 100-240 VAC, so they can be used globally.

Answer: D

NEW QUESTION 79
- (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 80
- (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 83
- (Exam Topic 2)
A customer needs a solution that supports rapid provisioning changes on physical bare-metal servers and on a virtualization hypervisor. They are considering migrating to a new solution that supports software-defined storage.
Which HPE compute platform should the customer implement?

A. ProLiant DL
B. BladeSystem
C. Synergy
D. SimpliVity

Answer: C

NEW QUESTION 87
- (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 91
- (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 96
- (Exam Topic 2)
Which HPE service level offers customers special parts handling and access to onsite service 24x7, including HPE holidays?

A. Proactive Care 24x7
B. Proactive Care 24x7 with CTR
C. Foundation Care 24x7 with DMR
D. Foundation Care 24x7

Answer: D

NEW QUESTION 98
- (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 100
- (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 104
- (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 108
- (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 109
- (Exam Topic 2)
When should you use the HPE Switch Selector?

A. when you need to list the price information of the switches
B. when you need to select a switch VLAN configuration
C. when you need to compare features between multiple switches
D. when you need to perform a competitive analysis between vendors

Answer: C

NEW QUESTION 110
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