

HPE0-V14 Dumps

Building HPE Hybrid IT Solutions

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

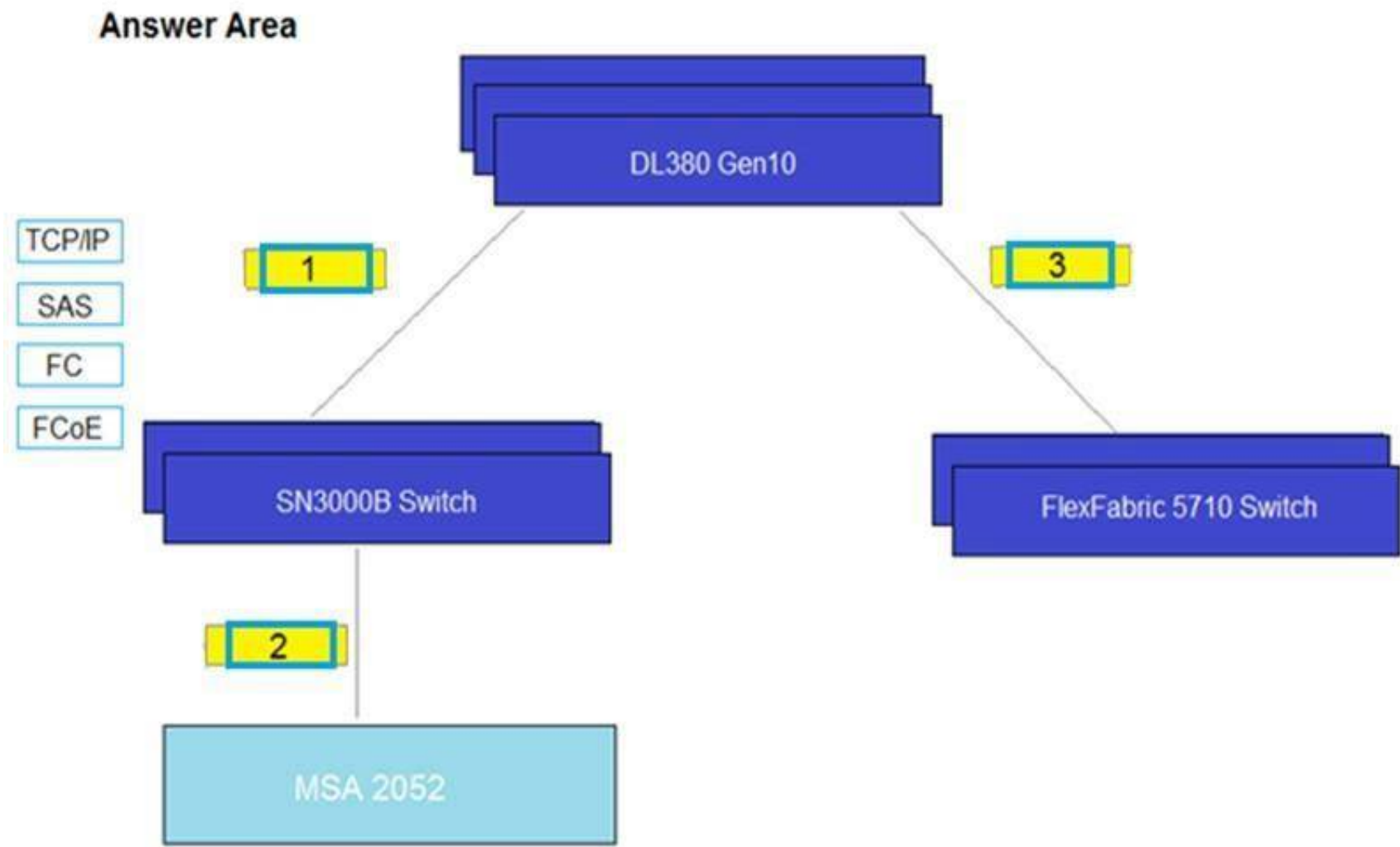
Qty	Product#	Product Description
1	868703-B21	HPE ProLiant DL380Gen10 8SFF Configure-to-order Server
1	868703-B21 B19	HPE DL380 Gen10 8SFF CTO Server
1	826860-L21	HPE DL380 Gen10 Intel Xeon-Gold 6144 (3.5GHz/8-core/150W) FIO Processor Kit
1	826860-B21	HPE DL380 Gen10 Intel Xeon-Gold 6144 (3.5GHz/8-core/150W) Processor Kit
12	815100-B21	HPE 32GB (1x32GB) Dual Rank x4 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit
2	870757-B21	HPE 600GB SAS 12G Enterprise 15K SFF(2.5in) SC 3yr Wty Digitally Signed Firmware HDD
2	727055-B21	HPE Ethernet 10Gb 2-port 562SFP+ Adapter
1	P01366-B21	HPE 96W SmartStorage Battery (up to 20 Devices) with 145mm Cable Kit
1	804331-B21	HPE Smart Array P408i-a SR Gen10 (8 Internal Lanes/2GB Cache) 12G SAS Modular Controller
2	865408-B21	HPE 500W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit
1	BD505A	HPE iLO Advanced 1-server License umep 3yr Support on iLO Licensed Features
1	P8B31A	HPE OneView w/o iLO including 3yr 24x7 Support 1-server FIO LTU
1	733660-B21	HPE 2U Small Form Factor Easy Install Rail Kit

A customer needs a server with four 10Gb network adapters. They need it to be configured for the best possible network throughput. Given the BOM in the exhibit, what do you need to add to this server to meet the customer requirement?

- A. Workload Accelerator
- B. SSD Drives
- C. Smart Storage Hybrid Capacitor
- D. Secondary Riser Kit

Answer: C

NEW QUESTION 2
- (Exam Topic 1)
Drag the correct protocols from the left to their appropriate area on the topology.

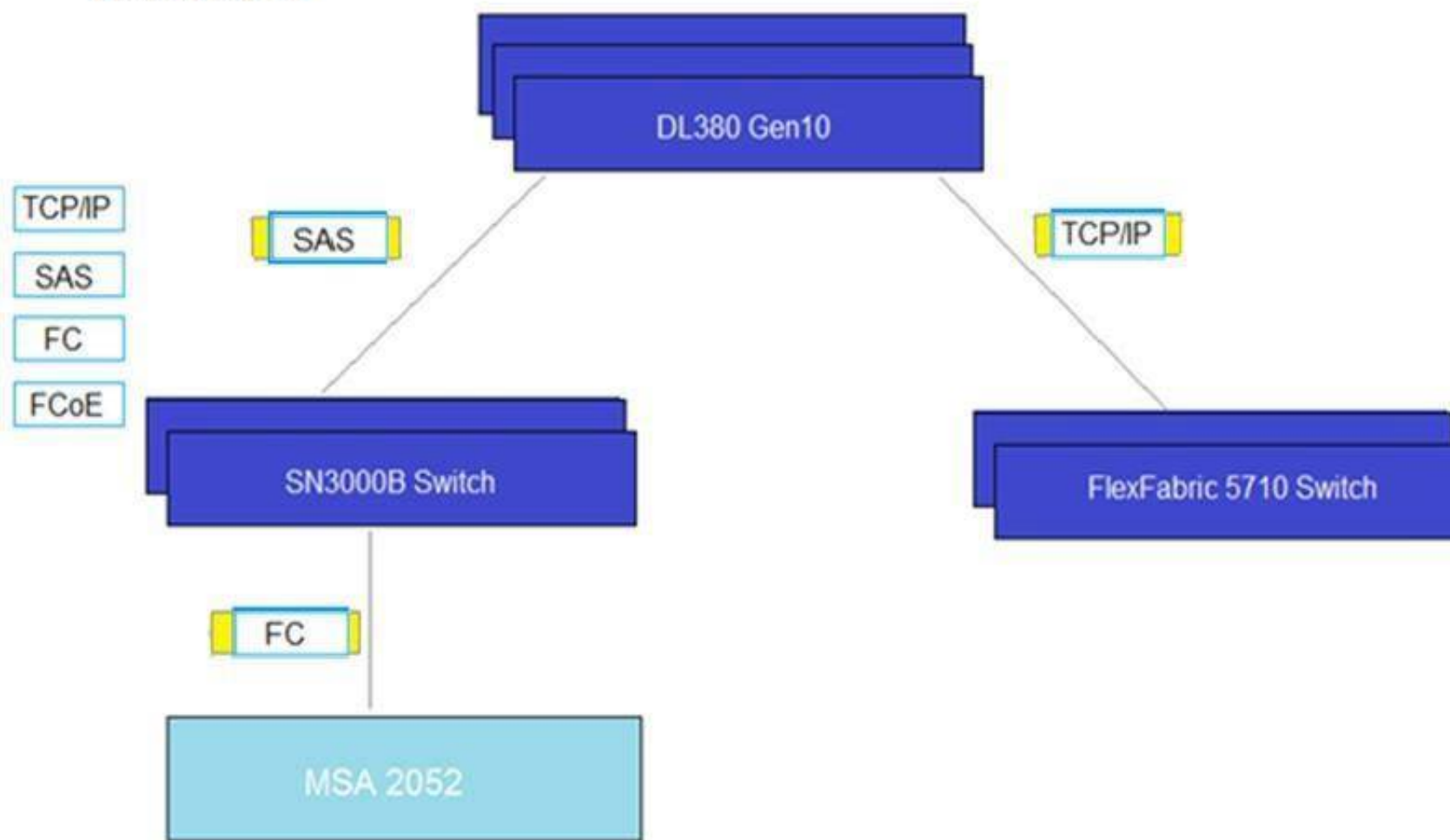


- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 3

- (Exam Topic 1)

A customer is considering an upgrade of their networking infrastructure with HPE FlexFabric 5940 series switch. Match the fan tray option with the airflow direction.

Answer Area

	<input type="text"/>	HPE 58x0AF Power-to-Port Airflow Fan Tray
Front to back	<input type="text"/>	HPE 58x0AF Port-to-Port Airflow Fan Tray
Back to front	<input type="text"/>	HPE X711 Port-to-Power Airflow High Volume Fan Tray
	<input type="text"/>	HPE X712 Power-to-Port Airflow High Volume Fan Tray

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

	Back to front	HPE 58x0AF Power-to-Port Airflow Fan Tray
Front to back	Front to back	HPE 58x0AF Port-to-Port Airflow Fan Tray
Back to front	Front to back	HPE X711 Port-to-Power Airflow High Volume Fan Tray
	Back to front	HPE X712 Power-to-Port Airflow High Volume Fan Tray

NEW QUESTION 4

- (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 5

- (Exam Topic 1)

Indicate whether each management feature manages or monitors a single system or multiple systems.

Answer Area

			HPE 3PAR SSMC
ManagingMonitoring a Single System			HPE OneView Global Dashboard
Managing/Monitoring Multiple Systems			HPE Intelligent Provisioning
			HPE Smart Storage Administrator

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

	ManagingMonitoring a Single System		HPE 3PAR SSMC
ManagingMonitoring a Single System	Managing/Monitoring Multiple Systems		HPE OneView Global Dashboard
Managing/Monitoring Multiple Systems	ManagingMonitoring a Single System		HPE Intelligent Provisioning
	Managing/Monitoring Multiple Systems		HPE Smart Storage Administrator

NEW QUESTION 6

- (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 7

- (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 8

- (Exam Topic 1)

A customer is planning to deploy a new Top of Rack solution. They plan to use a stacking technology that meets the following requirements:

Support for Multi Chassis Link Aggregation in an active-active mode. The control plane must not be a single point of failure.

Rapid Fail-over. Unified Management.

They require a maximum of two switches per stack.

Which stacking technology meets the customer's requirements?

- A. HPE Intelligent Resilient Framework (IRF)
- B. HPE Distributed Trunking
- C. Aruba Virtual Switching Extension (VSX)
- D. Aruba Virtual Switching Framework (VSF)

Answer: C

NEW QUESTION 9

- (Exam Topic 1)

Match each HPE solution to its corresponding technology usage.

Answer Area

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

- 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 10

- (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 10

- (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 13

- (Exam Topic 1)

A solution integrator is installing new equipment to the rack.

Click the recommended location for HPE R/T3000 Extended Runtime Module.

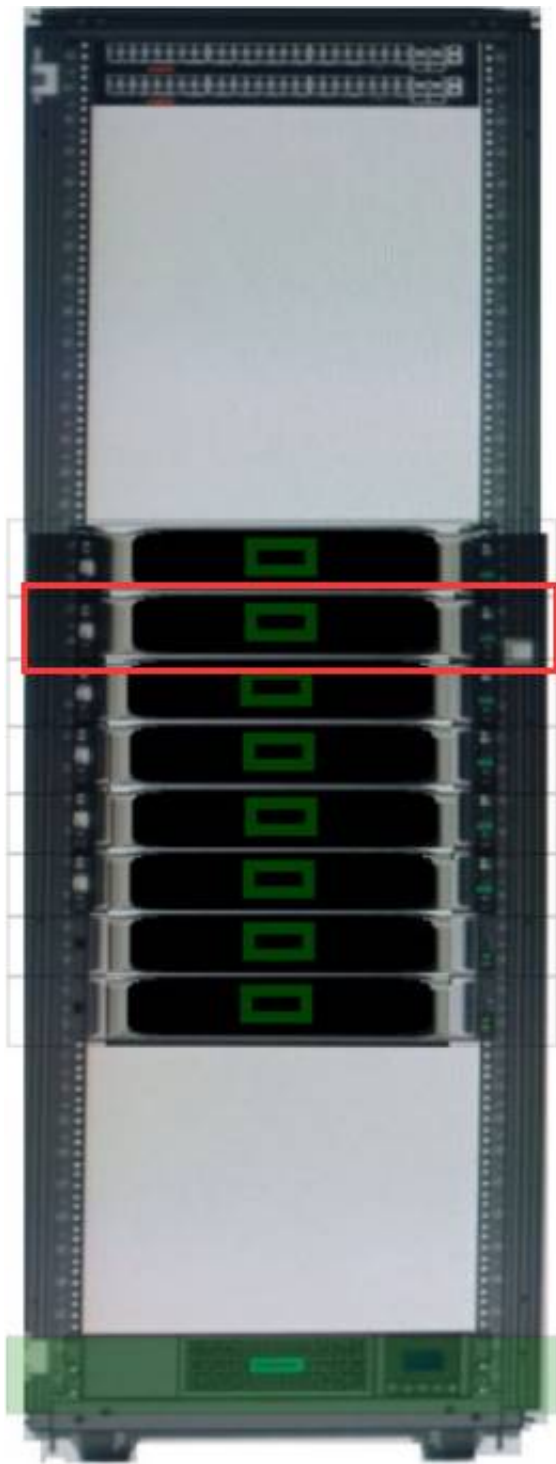
Hot Area:



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 18

- (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 21

- (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 23

- (Exam Topic 1)

A customer just purchased a ProLiant 300 series Gen10 server and wants to install the latest version of Windows. Which feature of this server will assist the customer with the initial Windows installation?

- A. HPE SSA Diagnostics
- B. HPE SmartStart
- C. Smart Storage Administrator
- D. Intelligent Provisioning

Answer: D

NEW QUESTION 26

- (Exam Topic 1)

A customer needs a new VMware environment for a critical stock trading application and will need high performance compute and low latency storage. Identify the correct component configurations on the left and drag them to the answer area on the right. (Choose two.)

Select and Place:

Options

- Two HPE DL380 Gen10 servers with two Intel Xeon-Bronze 3104 processors, 64GB of memory, two dual 10Gb NICs, dual 800W power supplies, and high temperature fan kit.
- Two HPE DL380 Gen10 servers with two Intel Xeon-Platinum 8270 processors, 256GB of memory, two dual 10Gb NICs, dual 800W power supplies, and high temperature fan kit.
- HPE Nimble HF20H with 11TB storage, 960GB of cache, and dual port 10GbE NIC
- HPE Nimble AF20 with 11TB storage, and dual port 10GbE NIC

Answer Area



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Select and Place:

Options

- Two HPE DL380 Gen10 servers with two Intel Xeon-Bronze 3104 processors, 64GB of memory, two dual 10Gb NICs, dual 800W power supplies, and high temperature fan kit.
- Two HPE DL380 Gen10 servers with two Intel Xeon-Platinum 8270 processors, 256GB of memory, two dual 10Gb NICs, dual 800W power supplies, and high temperature fan kit.
- HPE Nimble HF20H with 11TB storage, 960GB of cache, and dual port 10GbE NIC
- HPE Nimble AF20 with 11TB storage, and dual port 10GbE NIC

Answer Area



NEW QUESTION 30

- (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 an 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 33

- (Exam Topic 1)

A customer has requested that you provide them with an architecture and bill-of-materials for a stack of top-of-rack switches. The customer has 34 HPE DL360 servers in the rack, each with four 1GBASE-T Ethernet ports which need to be connected to the network. The customer is upgrading 50% of the 1GBASE-T Ethernet ports on the servers to 10GBASE-T Ethernet ports and needs the switching to support the upgraded servers. They are opposed to a chassis switch, and want to keep their number of managed devices on the network to a minimum.

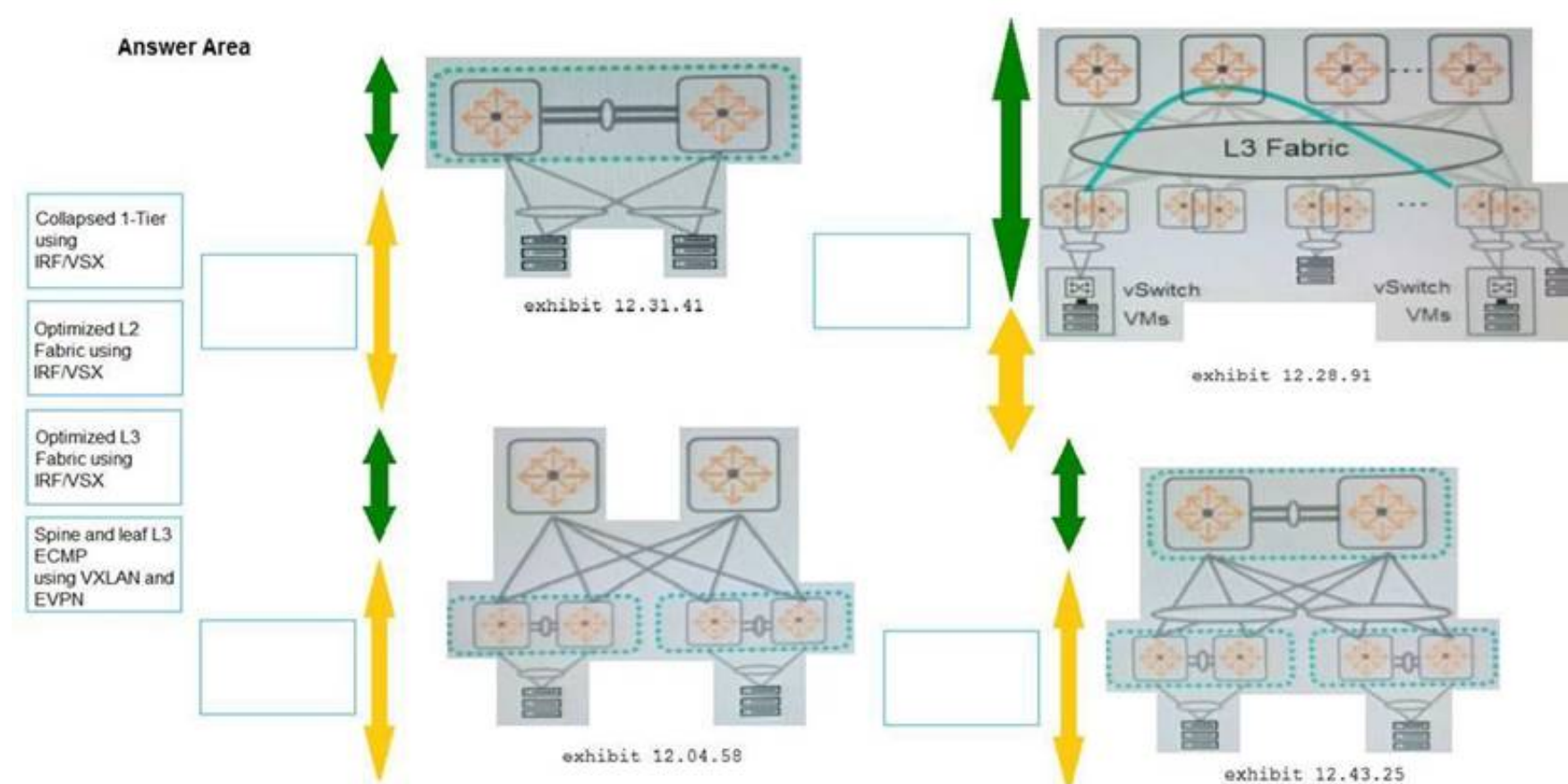
- A. One VSX stack of four Aruba 8320 48-port 1/10GBASE-T switches
- B. Two IRF stacks of two HPE 5710 48-port 1/10GBASE-T switches
- C. One IRF stack of four HPE 5710 48-port 1/10GBASE-T switches
- D. Two VSX stacks of two Aruba 8320 48-port 1/10GBASE-T switches

Answer: A

NEW QUESTION 34

- (Exam Topic 1)

Match each customer data center architecture to its network topology.

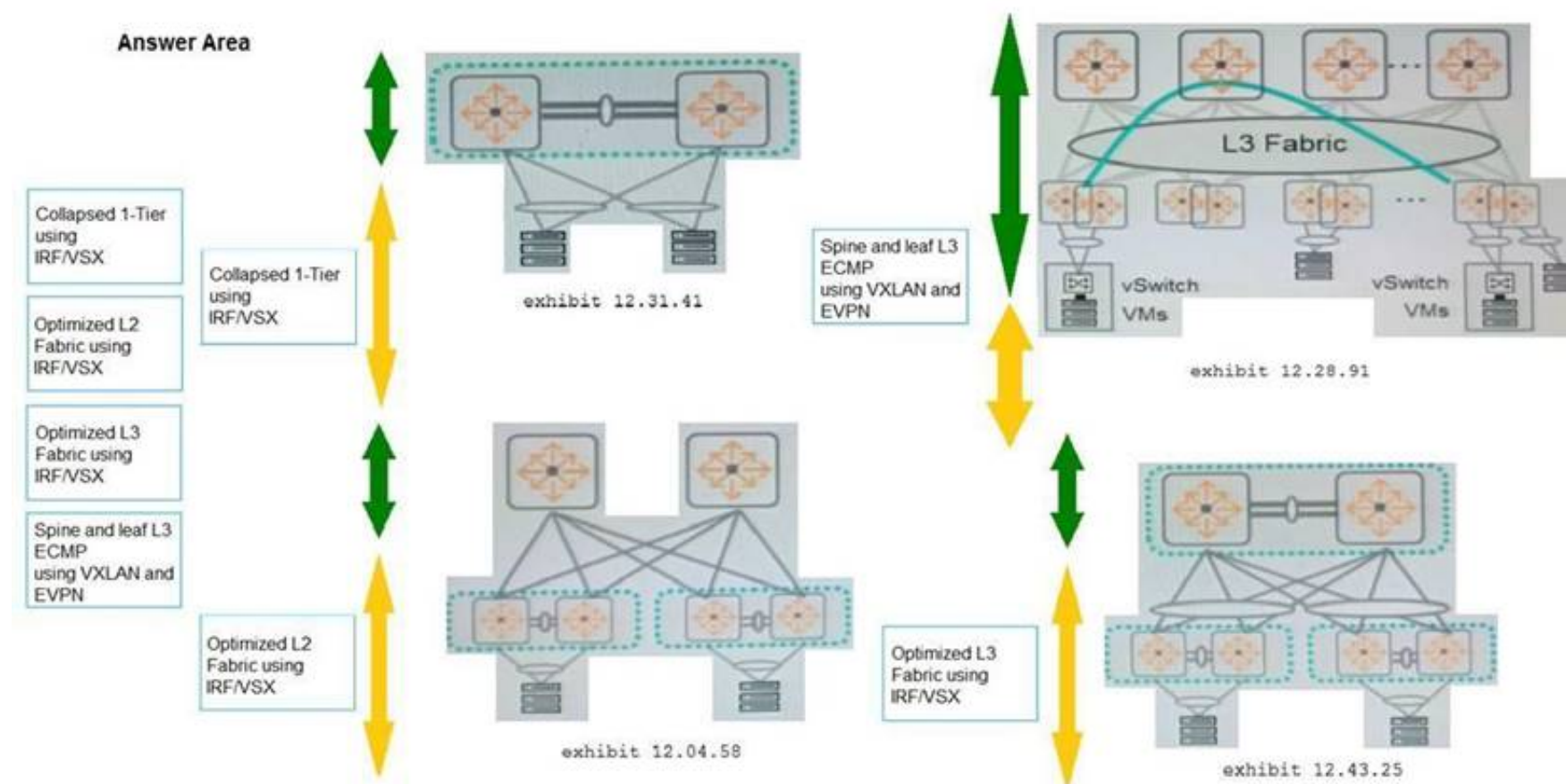


A. Mastered

B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 37

- (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 40

- (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 45

- (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 47

- (Exam Topic 2)

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

HPE Tool

Single Point of Connectivity Knowledge (SPOCK)

One Config Advanced (OCA)

Products & Solutions Now (PSNow)

Ninja Stars

iQuote

Use Case

Estimate the power and cooling requirements and weight for a rack of equipment.

Check compatibility of storage components.

Download a technical presentation for a DL380 Gen10.

- 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 48

- (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 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 58

- (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 60

- (Exam Topic 2)

You are troubleshooting a customer's HPE ProLiant rack-mount server. The customer has configured the server in Legacy Boot BIOS Mode and is trying to boot from a USB 3.0 drive. The server will not boot from the drive.

What should you do?

- A. Set the USB 3.0 mode to Enabled.
- B. Set the USB 3.0 mode to Auto.
- C. Use the internal USB 3.0 connector.
- D. Use the front-facing USB 3.0 connector.

Answer: A

NEW QUESTION 63

- (Exam Topic 2)

A customer needs to reconfigure their data center network because their network often becomes congested, and the customer cannot monitor the network. How should the customer configure their network?

- A. Isolate the management network from production traffic
- B. Isolate the SAN on a public network and use a virtual private network (VPN) for secure data
- C. Configure IRF on the switches
- D. Configure in-band management to manage the switches through gigabit Ethernet ports

Answer: A

NEW QUESTION 64

- (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 69

- (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 74

- (Exam Topic 2)

A customer needs to purchase a redundant pair of SAN switches for their virtualization environment. The customer requires a total of eight 16 Gbps FC storage ports and eighteen 8 Gbps FC host attachments.

Which switch meets the customer's needs at the lowest cost?

- A. HPE StoreFabric SN6010C 48-port Switch
- B. HPE StoreFabric SN6010C 12-port Switch with an On Demand Port Activation License
- C. HPE 8/24 SAN Switch 16-port Switch with an 8-port Upgrade License
- D. HPE 8/24 SAN Switch 16-port Switch

Answer: B

NEW QUESTION 78

- (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 83

- (Exam Topic 2)

A customer is upgrading their network infrastructure to provide the best performance for IP storage. Which technologies in a network switch meet the customer's needs? (Choose three.)

- A. Jumbo Frames
B. Deep Packet Buffers
C. LLDP Support
D. MLAG Support
E. Fibre Channel Support
F. Static Routing

Answer: ABD

NEW QUESTION 86

- (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 87

- (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 90

- (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 94

- (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 97

- (Exam Topic 2)

A customer requires a recovery strategy that provides multiple rollback points during the day for their Microsoft SQL database. The customer needs to be able to recover data instantly.

Which method meets this requirement?

- A. offsite log shipping
- B. tape copy
- C. storage replication
- D. snapshot

Answer: D

NEW QUESTION 99

- (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)

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 107

- (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 110

- (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 114

- (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 118

- (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 123

.....

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