

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.

Component		Speed and Protocol
SFP+	<div></div>	10GbE
QSFP28	<div></div>	12Gb SAS
Mini-SAS HD 4x	<div></div>	100GbE

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Component		Speed and Protocol
SFP+	<div>SFP+</div>	10GbE
QSFP28	<div>Mini-SAS HD 4x</div>	12Gb SAS
Mini-SAS HD 4x	<div>QSFP28</div>	100GbE

NEW QUESTION 2

- (Exam Topic 1)

Match each characteristic to the correct storage type.

Answer Area

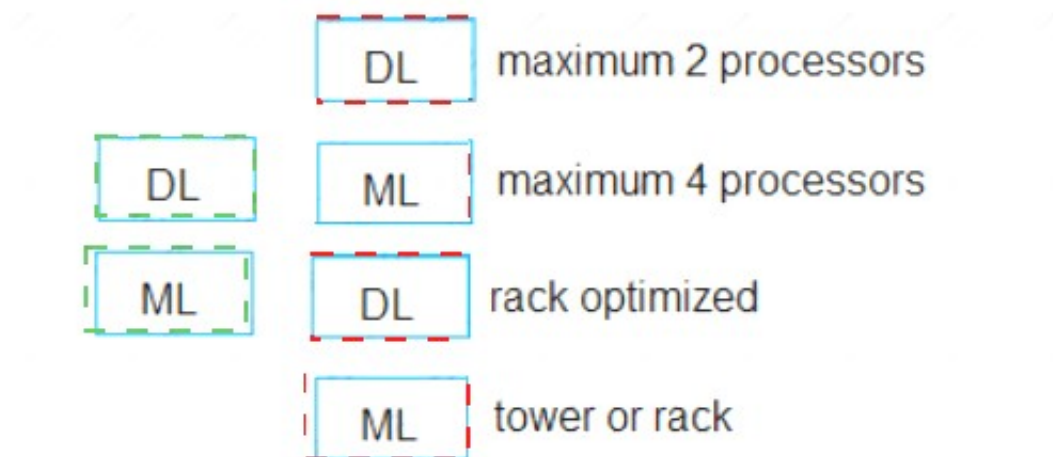
	<div></div>	maximum 2 processors
DL	<div></div>	maximum 4 processors
ML	<div></div>	rack optimized
	<div></div>	tower or rack

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 3

- (Exam Topic 1)

An HPE customer wants to perform a 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 Network administrator connects two switches together with multiple links of the same speed, duplex, and media type. The administrator expected the links to be aggregated, but they are not. The administrator confirmed that the ports are part of the appropriate link aggregation groups and that the permitted VLANs match. Switch A has the lower LACP System Priority.

Which LACP operation states describe the failure above?

- A. Switch A: Active; Switch B: Active
- B. Switch A: Active; Switch B: Passive
- C. Switch A: Passive; Switch B: Passive
- D. Switch A: Passive; Switch B: Active

Answer: C

NEW QUESTION 5

- (Exam Topic 1)

A customer has two HPE ProLiant Gen10 servers. They both require firmware installation. Which HPE tool should you recommend for performing this task?

- A. OneView Advanced
- B. iLO Amplifier Pack
- C. Smart Update Manager
- D. OneView Standard

Answer: C

NEW QUESTION 6

- (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 7

- (Exam Topic 1)

Match each characteristic to the correct storage type.

Answer Area

DAS	<input type="text"/>	Allows access to volumes over FCP and iSCSI protocols
NAS	<input type="text"/>	Ability to share file-based storage across an Ethernet network
Storage Array	<input type="text"/>	Allows shared block level access over a network
	<input type="text"/>	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 8

- (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 9

- (Exam Topic 1)

An administrator is using 4k block sizes on an iSCSI array. The administrator wants to optimize that packet size to decrease the header overhead in the IP traffic flow.

What feature should be enabled on the entire Layer 2 domain?

- A. Jumbo Frames
 B. Data Center Bridging
 C. RDMA over converged Ethernet
 D. Intelligent Resilient Framework (IRF)

Answer: A

NEW QUESTION 10

- (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 SimpliVity 380

Answer: C

NEW QUESTION 10

- (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 11

- (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 14

- (Exam Topic 1)

A solution integrator is installing new equipment to the rack.

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

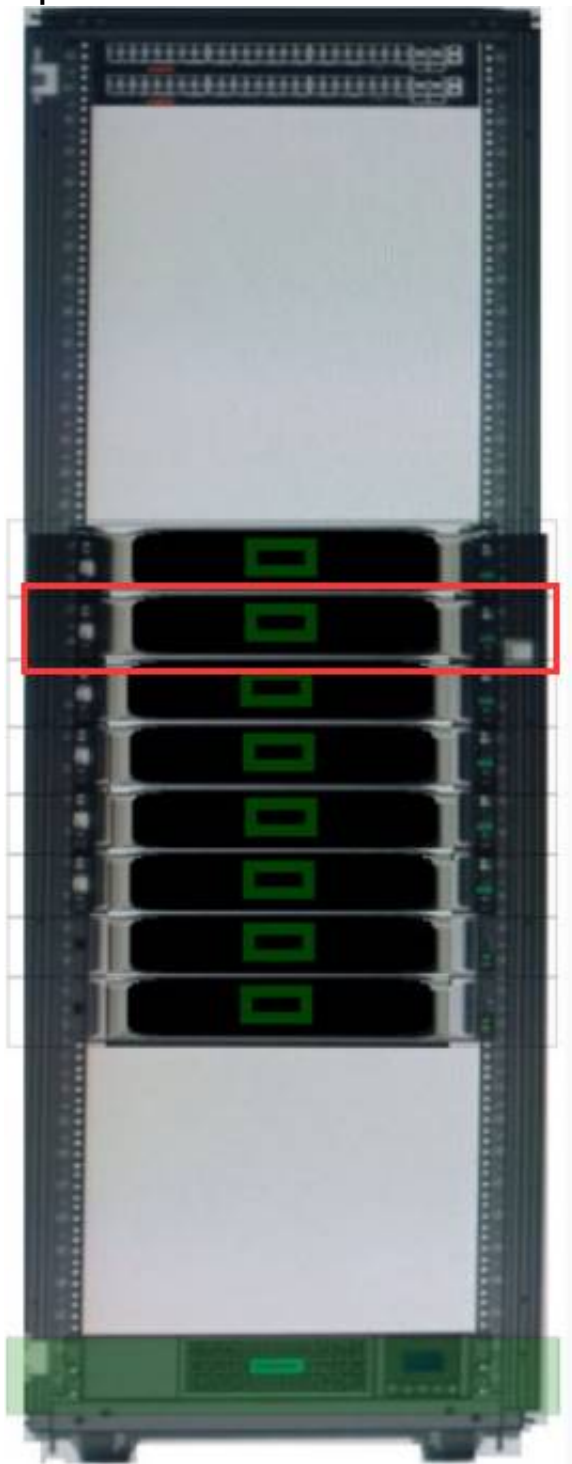
Hot Area:



- 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?

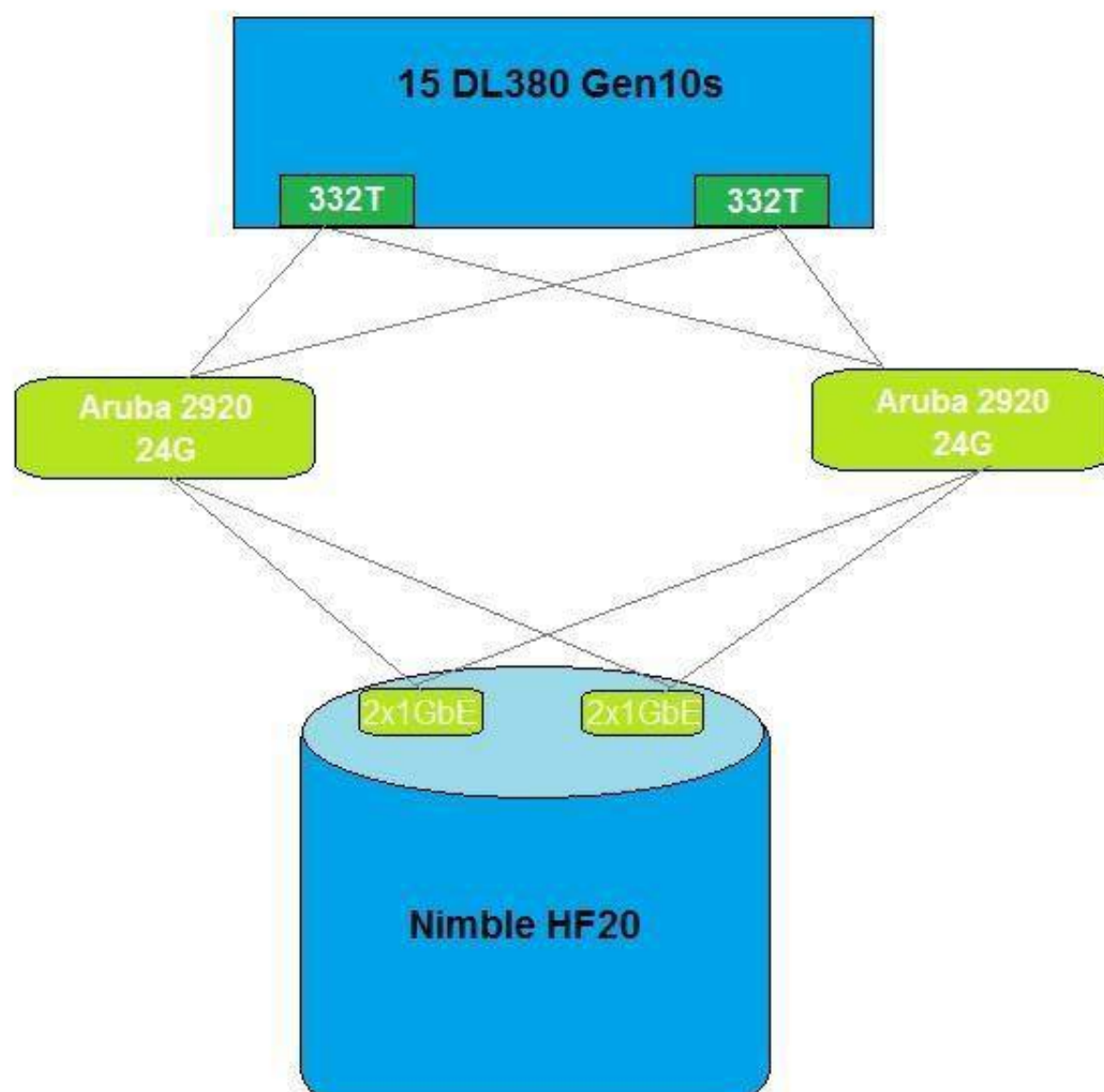
- A. HPE MSA 1040
- B. HPE MSA 2052
- C. HPE Nimble AF20
- D. HPE Nimble HF20C

Answer: D

NEW QUESTION 23

- (Exam Topic 1)

Refer to the exhibit.



A customer purchased a server/storage environment shown in the exhibit with 1 Gb networking connectivity. The customer is now experiencing performance issues. Identify the correct components to upgrade the network connections and improve performance on the left. Then drag those components to the answer area on the right. (Choose three.)

Options

Answer Area

HPE FlexFabric 5710 24 SGT Switch

Aruba 3810M 24SFP+ Switch

HPE Nimble Storage 2x16Gb Fibre Channel 2-port FIO Adapter Kit

HPE Nimble Storage 2x10GBASE-T 2-port FIO Adapter Kit

HPE Ethernet 10Gb 2-port 535T Adapter

HPE Ethernet 10Gb 2-port 524SFP+ Adapter



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Options

HPE FlexFabric 5710 24 SGT Switch

Aruba 3810M 24SFP+ Switch

HPE Nimble Storage 2x16Gb Fibre Channel 2-port FIO Adapter Kit

HPE Nimble Storage 2x10GBASE-T 2-port FIO Adapter Kit

HPE Ethernet 10Gb 2-port 535T Adapter

HPE Ethernet 10Gb 2-port 524SFP+ Adapter

Answer Area

Aruba 3810M 24SFP+ Switch

HPE Nimble Storage 2x10GBASE-T 2-port FIO Adapter Kit

HPE Ethernet 10Gb 2-port 535T Adapter

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NEW QUESTION 25

- (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 30

- (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 32

- (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 34

- (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 36

- (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 multiple VLANs
- C. A port that is connected to an FCF
- D. A port that carries untagged frames inside the network

Answer: D

NEW QUESTION 40

- (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?

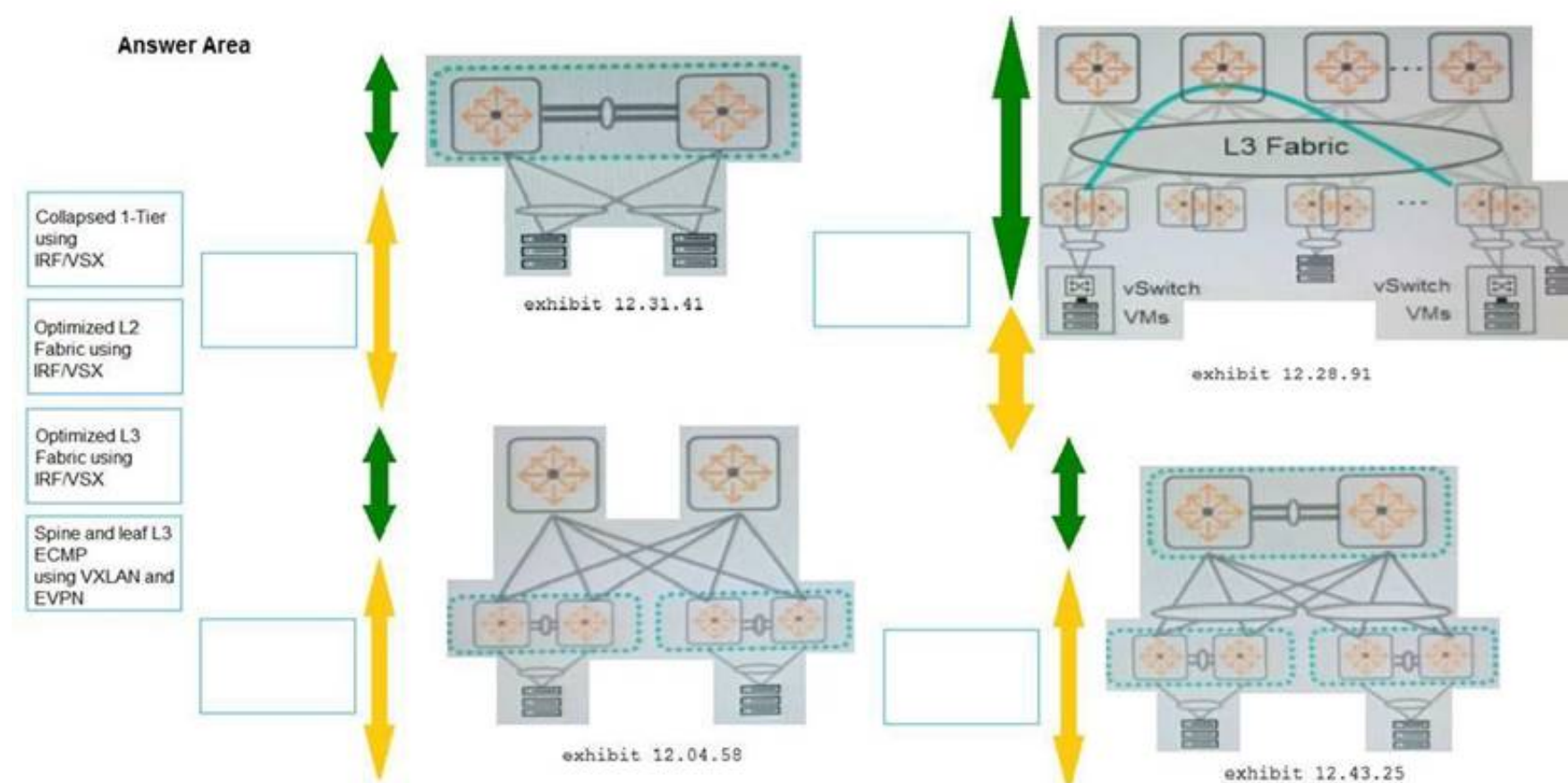
- A. 2 x HPE 5945 Series switch with IRF
- B. 2 x Aruba 8325 Series switches with VSX
- C. 2 x HPE 5945 Series switches standalone
- D. 2 x Aruba 8325 Series switches with backplane stacking

Answer: A

NEW QUESTION 43

- (Exam Topic 1)

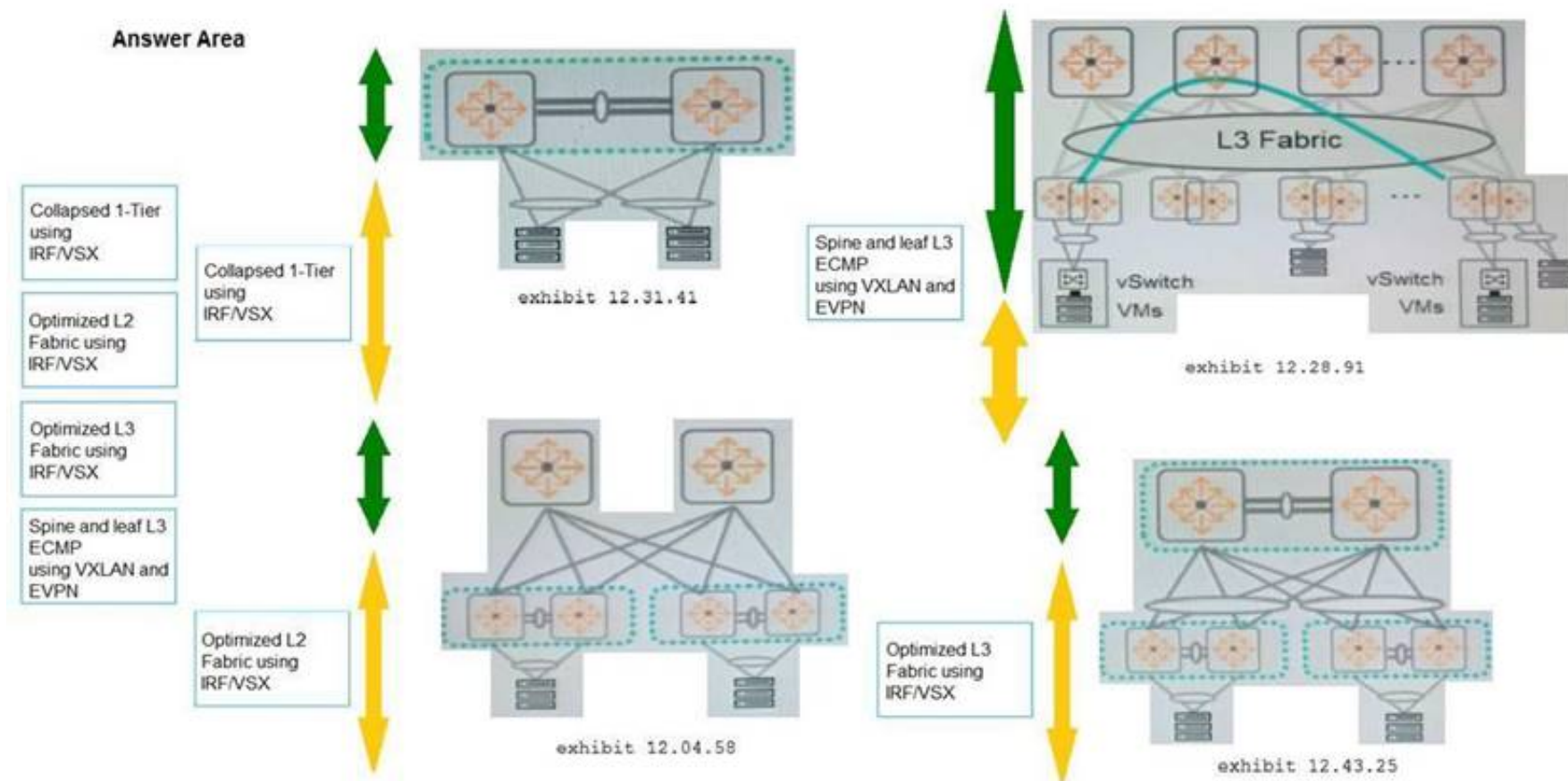
Match each customer data center architecture to its network topology.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 46

- (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 48

- (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 52

- (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 54

- (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 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 61

- (Exam Topic 2)
A customer is considering an HPE ProLiant DL380 Gen10 server for their data center. The customer runs a large Oracle database. They need to increase performance and reduce their licensing costs.
Which feature of HPE Gen10 servers offers these benefits?

- A. workload profile matching
- B. agentless management
- C. jitter smoothing
- D. core boosting

Answer: D

NEW QUESTION 64

- (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

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Explanation:

BLOCK = iSCSi

File = CIFS BLOCK = SAN

File = NFS

NEW QUESTION 68

- (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 70

- (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 73

- (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 76

- (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 80

- (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)

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 83

- (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 86

- (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 87

- (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 90

- (Exam Topic 2)

You are troubleshooting a POST error on a HPE ProLiant rack-mount server. HPE support has directed you to test a minimum hardware configuration.

Which components should you remove? (Choose two.)

- A. CMOS battery
- B. all cooling fans
- C. all expansion boards
- D. all external storage media
- E. redundant processors

Answer: DE

NEW QUESTION 92

- (Exam Topic 2)

Which two HPE applications are installed on Windows operating systems with intelligent Provisioning? (Choose two.)

- A. Lights-Out Online Configuration Utility
- B. OneView
- C. UEFI Control Suite
- D. Intelligent Management Center
- E. Smart Storage Administrator

Answer: AE

NEW QUESTION 97

- (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 102

- (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 107

- (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 110

- (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 114

- (Exam Topic 2)

A customer wants to safeguard their server firmware and asks you about the HPE ProLiant Gen10 features that provide this level of security. Which Gen10 feature best addresses the customer's concern?

- A. The Secure Boot feature in Gen10 servers checks the signature of the firmware drivers and other files to ensure that the firmware is trusted by the operating system.
- B. Gen10 servers use silicon root of trust to validate and detect corrupted firmware, and authentication to block unauthorized updates.
- C. Gen10 servers support data encryption at rest, which uses cryptography on the database housing the data and on the physical storage where the databases are stored.
- D. The Trusted Platform Module (TPM) in Gen10 servers protects firmware by using public and private key encryption.

Answer: B

NEW QUESTION 118

- (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 123

- (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 124

- (Exam Topic 2)

You 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 125

- (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 128

- (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 130

- (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 135

- (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 136

- (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 141

- (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 142

- (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 145

- (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 150

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