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)
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 needs a single, dual-processor server for an Enterprise Resource Planning solution for a single office. The customer application uses a mix of HDDs and SSDs and up to 3TB of RAM.
Which HPE Solution should you propose?

A. HPE Synergy Solution
B. HPE Apollo 2000 Server
C. HPE ML350 Gen10
D. HPE ML110 Gen10

Answer: B

NEW QUESTION 4
- (Exam Topic 1)
You are creating a configuration for a new Nimble HF40 array.
Which tool should you use to ensure that you include adequate cache in the configuration?

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

Answer: A

NEW QUESTION 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)
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 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 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)
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 10
- (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 10
- (Exam Topic 1)
What is the most important difference between an HPE ProLiant DL380 Gen10 server and an HPE ProLiant DL385 Gen10 server?

A. Disk Drives
B. Power Supplies
C. Network Cards
D. Processors

Answer: A

NEW QUESTION 12
- (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:
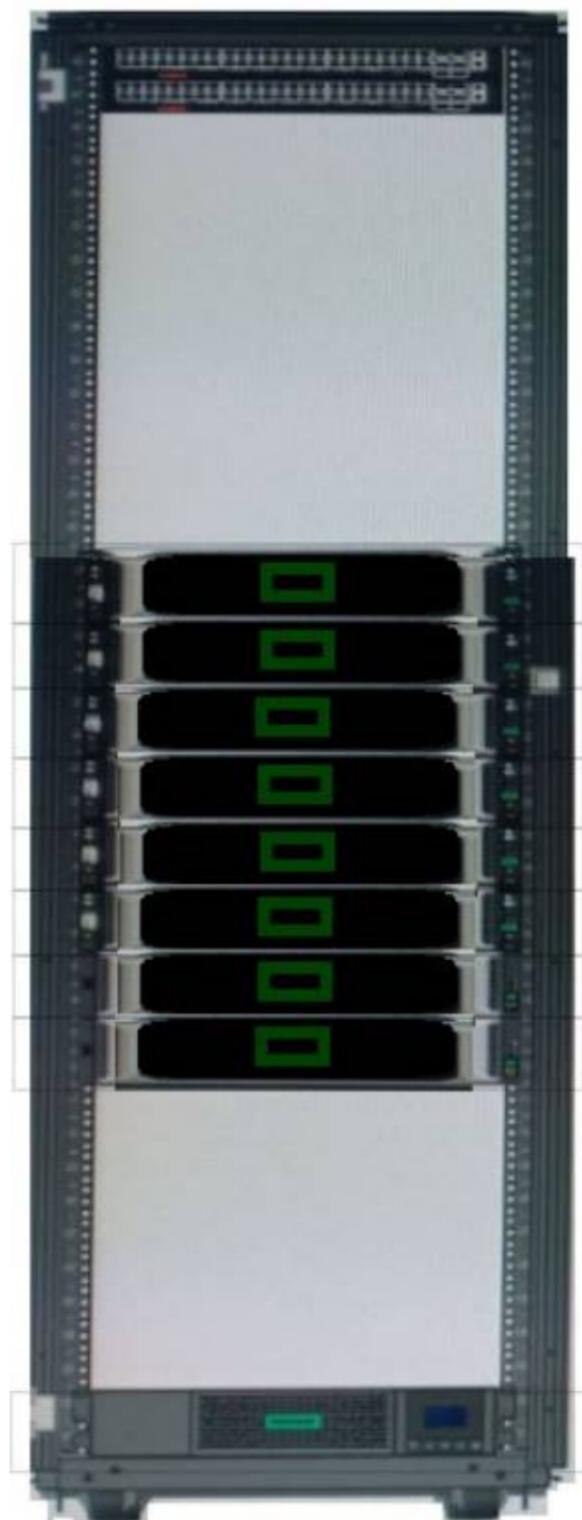
A. Mastered
B. Not Mastered

Answer: A

Explanation:
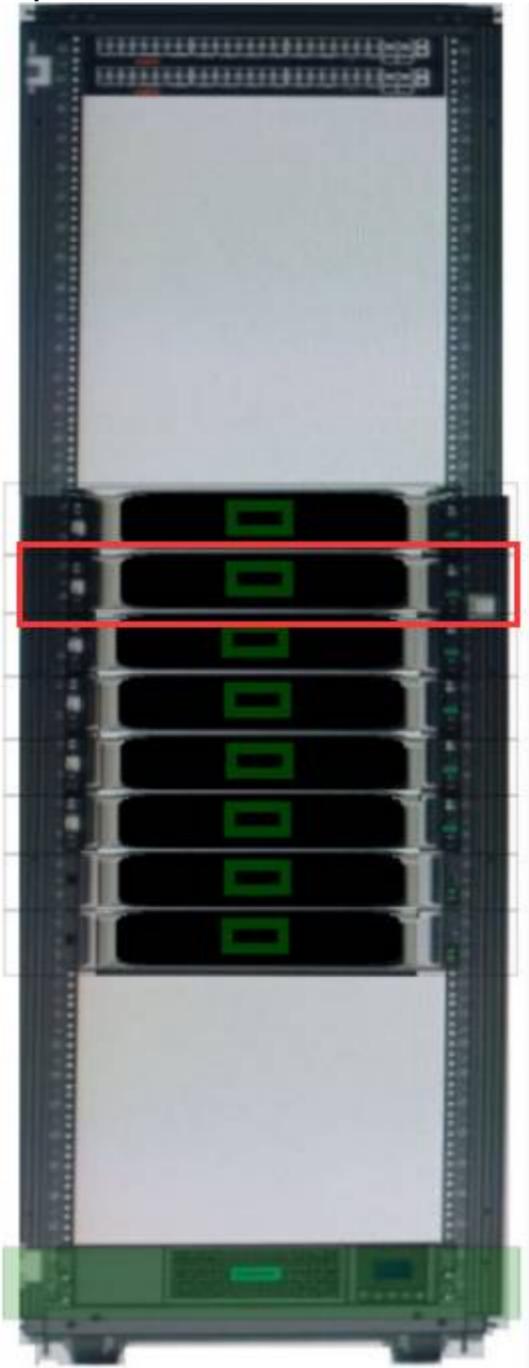
NEW QUESTION 16
- (Exam Topic 1)
Refer to the exhibit.
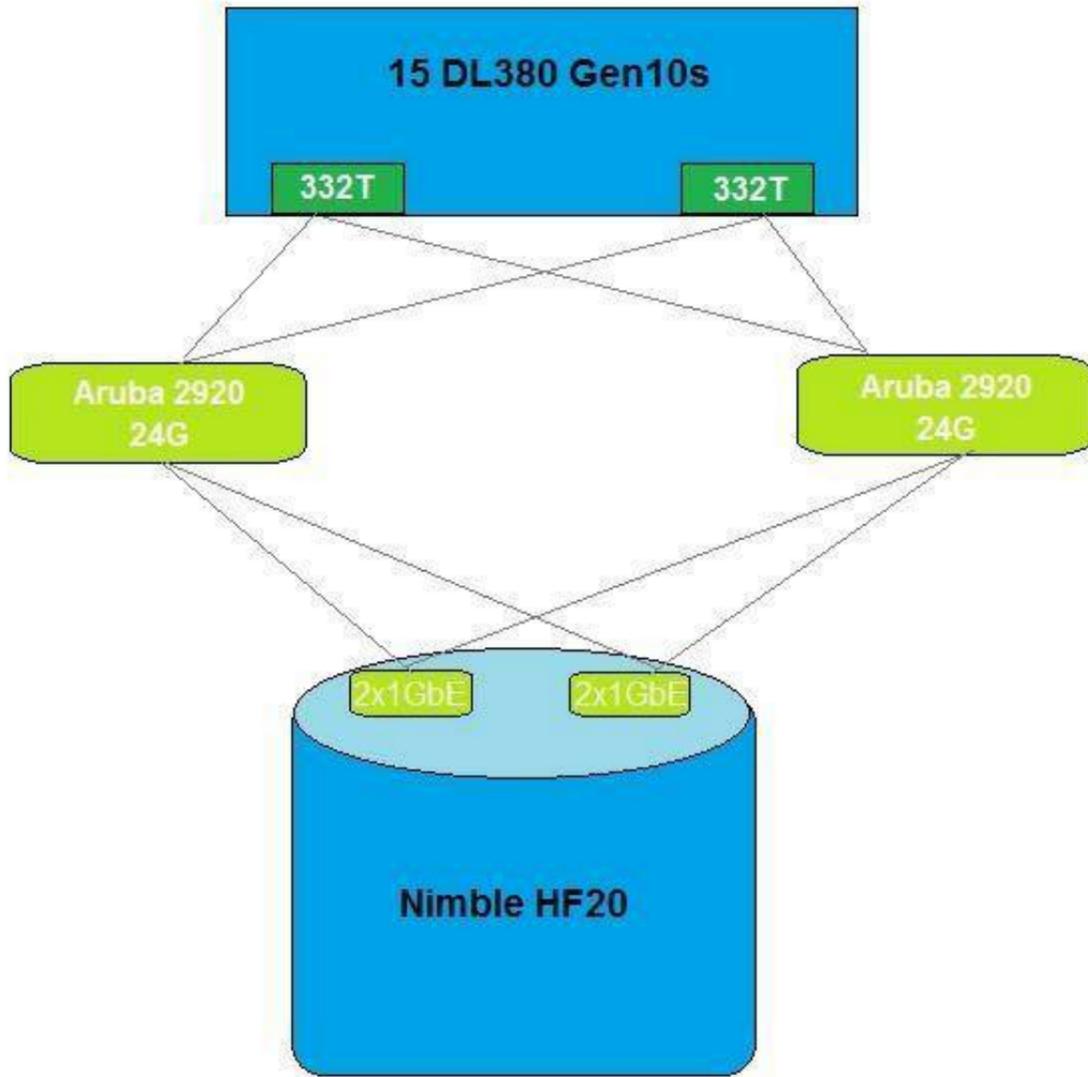
A customer purchased a server/storage environment shown in the exhibit with 1 Gb networking connectivity. The customer is now experiencing performance issues.
Identify the correct components to upgade the network connections and improve performance on the left. Then drag those components to the answer area on the right. (Choose three.)

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
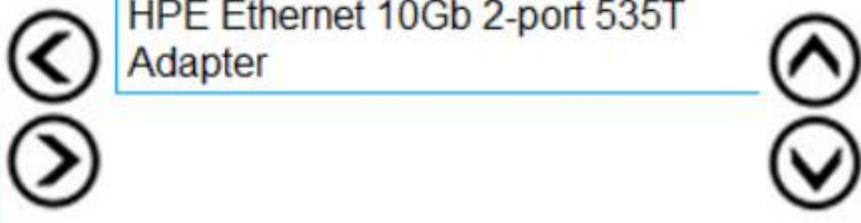
NEW QUESTION 19
- (Exam Topic 1)
A customer has the following requirements: two or more 10Gb SFP+ uplinks
downlink ports capable of 1Gb or 10Gb operation over CAT6a or CAT7 cables
24 downlink ports Which HPE tool would you use to help choose an HPE network solution that meets the customer requirements?

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

Answer: D

NEW QUESTION 22
- (Exam Topic 1)
You are validating a configuration prior to quoting it for the customer. You plan to propose the following configuration:
Two HPE DL380 Gen10 servers with dual processors, 256GB of memory, dual 10Gb NICs, SN1100Q 16Gb dual port FC HBA, dual 800W power supplies, and high temperature fan kit
HPE Nimble HF20H with 11TB storage, 960GB of cache, dual port 10GbE NIC, and 16Gb dual port FC adapter kit
Two SN3000B FC Switches
Which tool should you use to verify firmware compatibility between the storage and server components in this proposed solution?

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

Answer: D

NEW QUESTION 27
- (Exam Topic 1)
A client complains about systems reliability issues caused by their staff's inability to identify the root cause of failures. The client's lead administrator wants to automatically send data from HPE OneView to additional listeners in the network.
What should you configure in HPE OneView to enable the external monitoring of the managed devices?

A. Configure a scope to include the listener.
B. Configure SNMP Trap Forwarding.
C. Configure scheduled reports to export the data to the listener.
D. Configure the listener as a managed device.

Answer: B

NEW QUESTION 28
- (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 30
- (Exam Topic 2)
A customer has a small branch office that requires a tower-based server solution. The customer runs office-based applications and wants lights-out management capability.
Which HPE server family meets the customer's needs?

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

Answer: A

NEW QUESTION 35
- (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 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 38
- (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 39
- (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 41
- (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 45
- (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 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 51
- (Exam Topic 2)
A customer needs a solution that will maintain data availability in their campus location. They require a multi-node system that can sustain multiple failures, including a full building outage.
Which HPE storage platform meets the customer's needs?

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

Answer: D

NEW QUESTION 54
- (Exam Topic 2)
You are troubleshooting an HPE Proliant ML350 Gen server. You determine that the active ROM is corrupt and the system has not automatically switched to the redundant ROM. You need to manually switch the ROM.
What should you do?

A. Select the backup ROM in the BIOS.
B. Reset the iLO controller
C. Change the position of the system maintenance switch options.
D. Move the system maintenance jumper to pins one and two.

Answer: C

NEW QUESTION 59
- (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 61
- (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 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)
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 74
- (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 78
- (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 82
- (Exam Topic 2)
You are designing a solution to run a Citrix XenDesktop workload.
Which HPE planning and designing resource contains a detailed example of this type of solution, including a list of all the hardware and software components?

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

D. Reference Architecture

Answer: D

NEW QUESTION 84
- (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 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 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 93
- (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 97
- (Exam Topic 2)
Match the feature to the lowest iLO5 license in which it is available

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Last - last 3-2
1-1
3-3

NEW QUESTION 100
- (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 102
- (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 107
- (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 111
- (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 113
- (Exam Topic 2)
You are installing an HPE StoreOnce backup system in a customer's environment. They need a simple and cost-effective method to centralize and automate the backup of multiple servers (file, virtualization, database). They also need the ability to integrate with an existing third-party backup software.
How must you configure the StoreOnce system to meet the customer's requirements?

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

Answer: D

NEW QUESTION 116
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