



HP

Exam Questions HPE0-V14

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)

Match each characteristic to the correct storage type.

Answer Area

DL

ML

maximum 2 processors

maximum 4 processors

rack optimized

tower or rack

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

DL

DL

ML

maximum 2 processors

maximum 4 processors

rack optimized

tower or rack

NEW QUESTION 3

- (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 4

- (Exam Topic 1)

An HPE customer wants to perform is 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 5

- (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

		HPE 58x0AF Power-to-Port Airflow Fan Tray
Front to back		HPE 58x0AF Port-to-Port Airflow Fan Tray
Back to front		HPE X711 Port-to-Power Airflow High Volume Fan Tray
		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 6

- (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 7

- (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 8

- (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 (or occasionally plastic) that's usually 50 microns across. Single-mode accommodates large power levels, and is almost exclusively used for Long Range (LR) applications.

NEW QUESTION 9

- (Exam Topic 1)

Which hardware and software components make up a Nimble dHCI infrastructure?

- A. HPE M-Series switch, HPE ProLiant DL servers, HPE Nimble, and VMware
- B. Aruba Switches, HPE Synergy, HPE Nimble, and VMware
- C. HPE M-Series switch, HPE ProLiant DL servers, HPE Nimble, and Hyper-V
- D. Aruba Switches, HPE Synergy, HPE Nimble, and Hyper-V

Answer: A

NEW QUESTION 10

- (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 10

- (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 12

- (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 13

- (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 16

- (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 19

- (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 20

- (Exam Topic 1)

A solution integrator is installing new equipment to the rack.

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

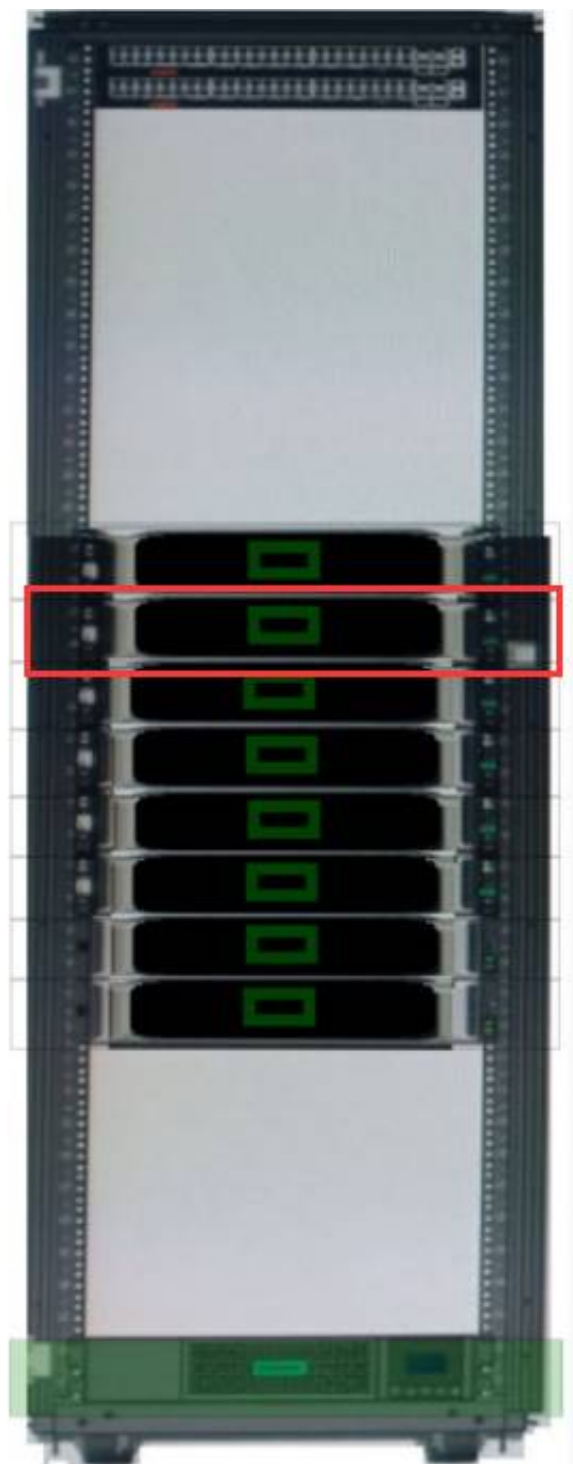
Hot Area:



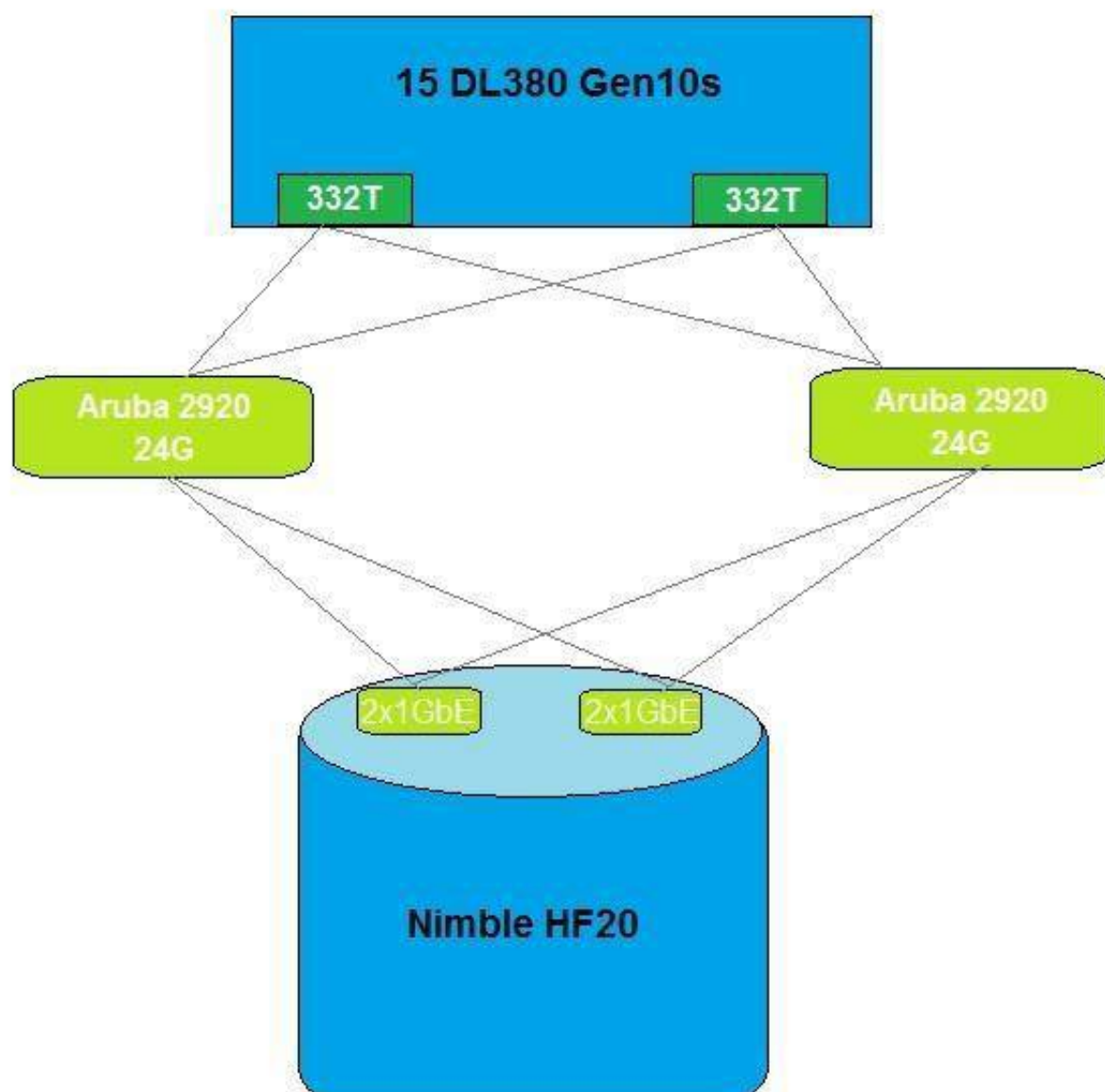
- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 24
 - (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

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

- 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 28

- (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 30

- (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 35

- (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 37

- (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 41

- (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 45

- (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 47

- (Exam Topic 2)

A customer needs a video archive repository initially starting at 30TB internal storage. The repository is expected to grow at 20% annually and should have a lifespan of 3 years.

Which HPE ProLiant server solution meets the customer’s requirements?

- A. HPE ProLiant DL560 Gen10 with LFF SAS drives
- B. HPE ProLiant DL380 Gen10 with LFF SAS drives
- C. HPE ProLiant ML110 with SFF SAS drives
- D. HPE ProLiant DL560 Gen9 with SFF SAS drives

Answer: B

NEW QUESTION 50

- (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 53

- (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 57

- (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 58

- (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 63

- (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 65

- (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 70

- (Exam Topic 2)

A customer plans to use HPE ProLiant servers for an application that requires low latency for all components. Which workload profile should the customer use?

- A. Mission Critical
- B. Virtualization – Max Performance
- C. I/O Throughput
- D. Transactional Application Processing

Answer: A

NEW QUESTION 73

- (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 77

- (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)
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 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 87

- (Exam Topic 2)
You are troubleshooting HPE ProLiant servers for a customer. The customer has granted you read-only access to HPE OneView. You need to download the audit log from OneView. Which permission level should the customer give you?

- A. Network administrator

- B. Infrastructure administrator
- C. Backup administrator
- D. Server administrator

Answer: D

NEW QUESTION 90

- (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 92

- (Exam Topic 2)

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

HPE iLO Essentials

HPE iLO Scale-Out

HPE iLO Advanced

HPE iLO Advanced Premium Security Edition

Answer Area

License	Feature
	Automatic Secure Recovery of firmware
	Common Access Card (CAC) 2-factor authentication
	Virtual Media
	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 94

- (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 98

- (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 103

- (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 106

- (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 108

- (Exam Topic 2)

A customer plans to use HPE ProLiant servers for line-of-business applications. They want to configure the servers to increase reliability.

Which workload profile should the customer use?

- A. Virtualization – Max Performance
- B. Transactional Application Processing
- C. I/O Throughput
- D. Mission Critical

Answer: D

NEW QUESTION 112

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