

HPE0-V14 Dumps

Building HPE Hybrid IT Solutions

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NEW QUESTION 1

- (Exam Topic 1)

You have configured a port on an HPE FlexFabric 5900 series switch that is connected to a VMware ESXi server to support multiple VLANs.

```
interface Ten-GigabitEthernet 1/0/11 description server ESXi01 -eth1 port link-type trunk
port trunk permit vlan 50 port trunk permit vlan 2 port trunk pvid vlan 50
```

Given the configuration above, what should happen to any of the untagged traffic coming from the VMware ESXi host?

- A. The untagged traffic will be dropped.
- B. The untagged traffic will be transmitted in vlan 2.
- C. The untagged traffic will be transmitted in vlan 50.
- D. The untagged traffic will be transmitted in vlan 1.

Answer: C

NEW QUESTION 2

- (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 3

- (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 4

- (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 5

- (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

General Purpose Computing, Virtualization
Clusters, Enterprise Applications

HPE Proliant
ML/DL

NAS Storage, File Sync and Share for
Remote/Mobile users

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Cloud-based Archiving

NEW QUESTION 6

- (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 7

- (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 8

- (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 9

- (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 10

- (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 10

- (Exam Topic 1)

Refer to the exhibit.

Processor Option Kits (Required Processor)
2nd Generation Intel Xeon-Platinum
HPE DL380 Gen10 Intel Xeon-Platinum 8280M (2.7GHz/28-core/205W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8280L (2.7GHz/28-core/205W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8280 (2.7GHz/28-core/205W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8276M (2.2GHz/28-core/165W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8276L (2.2GHz/28-core/165W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8276 (2.2GHz/28-core/165W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8270 (2.7GHz/26-core/205W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8268 (2.9GHz/24-core/205W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8260Y (2.4GHz/24-20-16-core/165W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8260M (2.4GHz/24-core/165W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8260L (2.4GHz/24-core/165W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8260 (2.4GHz/24-core/165W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8256 (3.8GHz/4-core/105W) FIO Processor Kit
NOTE: Ships with Performance Heatsink
HPE DL380 Gen10 Intel Xeon-Platinum 8253 (2.2GHz/16-core/125W) FIO Processor Kit
1st Generation Intel Xeon-Platinum
HPE DL380 Gen10 Intel Xeon-Platinum 8180M (2.5GHz/28-core/205W) FIO Processor Kit

A customer has two HPE ProLiant DL380 Gen10 servers running as an Oracle cluster. They are trying to reduce licensing costs and want to move to the best processor available from the list to minimize licensing costs while still providing a high level of performance for the Oracle database.

Which DL380 Gen10 processor would you recommend?

- A. Intel Xeon-Platinum 8280M
- B. Intel Xeon-Platinum 8280
- C. Intel Xeon-Platinum 8256
- D. Intel Xeon-Platinum 8253

Answer: D

NEW QUESTION 12

- (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 16

- (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	Answer Area
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	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Select and Place:

Options	Answer Area
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-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	

NEW QUESTION 21

- (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 26

- (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 27

- (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 32

- (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 36

- (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 37

- (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 39

- (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 40

- (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 42

- (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 47

- (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 48

- (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 53

- (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 58

- (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 59

- (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 63

- (Exam Topic 2)

You are discussing storage types with a customer that is configuring their NAS solution. The company's application developers use user-generated media and image files.

For which type of data should this customer use file storage?

- A. Mass storage
- B. Microsoft Exchange database
- C. Server boot volumes
- D. VDI applications

Answer: A

NEW QUESTION 65

- (Exam Topic 2)

A customer needs to deploy an application on a newly-installed HPE ProLiant server, but they report that the server is not online. They call you for remote support.

The IP address on the production network cannot be reached. You are evaluating the probable root causes of this issue.

According to the troubleshooting methodology, what are next two steps? (Select two)

- A. Remote console into the ToR switch to check the server's port configuration.
- B. Log in to iLO to see if the server hardware and NIC are online and configured correctly.
- C. Use OneView to see if the server firmware is up-to-date
- D. Run insight Diagnostics on the Server
- E. Use Microsoft Remote Desktop or VNC to check the server's NIC and IP address configuration

Answer: BD

NEW QUESTION 68

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