HP

Exam Questions HPE0-V14

Building HPE Hybrid IT Solutions

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.

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

A. The untagged traffic with 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)
Match the speed and protocol with the appropriate component.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 3
- (Exam Topic 1)
Refer to the exhibit.

The information shown is displayed for a Nimble array you are installing. The customer's administrator has asked you for the speed at which the Nimble ports are connecting to their SAN switches, and you have run the command shown to determine the number of gigabits per second used by this port connection.
What speed does the exhibit indicate is in use?

A. 18
B. 32
C. 6
D. 8

Answer: C

NEW QUESTION 4
- (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:

NEW QUESTION 5
- (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 6
- (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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 7
- (Exam Topic 1)
What is a primary benefit of DAS?

A. It takes advantage of Common Internet File System (CIFS).
B. It is presented as an iSCSI LUN to the attached server.
C. It can be accessed by both server and non-server devices simultaneously.
D. It is connected directly to a server.

Answer: C

NEW QUESTION 8
- (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 9
- (Exam Topic 1)

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 10
- (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 10
- (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 13

- (Exam Topic 1)
Match each HPE solution to its optimal use case.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 15
- (Exam Topic 1)
Match each HPE solution to its corresponding technology usage.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 17
- (Exam Topic 1)
A customer environment is being managed and monitored with HPE OneView. A review of the OneView log shows that there have been several trap storm events. Which series of events must take place for OneView to insert a Trap Storm event entry into the log of system events?

A. SNMP traps from three or more identical hosts have been logged within the past 256 seconds.
B. Four or more identical SNMP traps have been logged within the past 30 seconds.
C. Three or more SNMP trap messages have been logged with increasingly critical variable string values.
D. Four or more ports on the same network switch have reported sequential SNMP trap messages

Answer: C

NEW QUESTION 21
- (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 26
- (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 29
- (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 34
- (Exam Topic 1)
Which backup targets are available from an HPE StoreOnce backup system? (Choose two.)

A. VTL
B. Catalyst
C. NVMe
D. S3
E. iSCSI

Answer: AB

NEW QUESTION 37
- (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:

NEW QUESTION 38
- (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 41
- (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 43
- (Exam Topic 1)
You need to review a warning on a Nimble storage array. Click on the menu option that displays this information.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 47
- (Exam Topic 1)
Refer to the exhibit.

You are designing a new Nimble AF40 for your customer. The array will be added into an existing Nimble HF60 environment connected with SN6000B switches. You have created the configuration shown in the exhibit and noticed an error
What should you change in your configuration to ensure it meets the customer requirements?

A. Change the controller to an AF20.
B. Change the 10GbE Optical ports to Fibre Channel.
C. Change the 10GbE Optical ports to 10BaseT.
D. Change the controller to an HF20H.

Answer: D

NEW QUESTION 50
- (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 53

- (Exam Topic 1)
Refer to the exhibit.

An administrator connected a hypervisor to interface Ten-GigabitEthernet1/0/1 in a switch. The administrator created virtual machines in VLAN 10 and 20 on the hypervisor. VLAN 10 is configured to be tagged, and VLAN 20 is configured to be untagged on the hypervisor.
The administrator found that all the virtual machines in VLAN 20 can communicate with each other, but not with any virtual machines on VLAN 20 external to the hypervisor.
Given the output in the exhibit, what should you do to resolve the issue?

A. Permit VLAN 1 on the interface.
B. Configure the PVID of the interface to be VLAN 20.
C. Configure the interface as an access port.
D. Configure the interface as an IRF port.

Answer: D

NEW QUESTION 58
- (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.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 61
- (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 65
- (Exam Topic 1)
Match each customer data center architecture to its network topology.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 67
- (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 71
- (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 74

- (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 79
- (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 83
- (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 87
- (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 90
- (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 91
- (Exam Topic 2)
Exhibit:

Which HPE ProLiant Server meets the customer's requirements?

A. Option A
B. Option B
C. Option C
D. Option D

Answer: B

NEW QUESTION 95
- (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 98
- (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 103
- (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 108
- (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 113
- (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 117
- (Exam Topic 2)
A customer needs to share files cost-effectively among their Microsoft Windows server over a local network. Which storage solution meets this requirement?

A. Storage Area Network (SAN)
B. Network File System (NFS)
C. Direct Attached Storage (DAS)

D. Network Attached Storage (NAS)

Answer: D

NEW QUESTION 122
- (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 127
- (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 132
- (Exam Topic 2)
Match the HPE Tool with its use case. Select all that apply.

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 134
- (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 138
- (Exam Topic 2)
A customer needs to share files among their Microsoft Windows servers cost-effectively and requires disaster support
Which native StoreEasy features win address the customer's need? (select two) recovery

A. Dual controller architecture
B. DFS-Replication
C. Microsoft Azure support
D. Enhanced data deduplication
E. File classification infrastructure

Answer: CD

NEW QUESTION 143
- (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 147
- (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 151
- (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 155
- (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 160
- (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 162
- (Exam Topic 2)
ou 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 166
- (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 169
- (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 171
- (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 172
- (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 173
- (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 178
- (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 f 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 182
- (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 184
- (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 186
- (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 191
- (Exam Topic 2)
When should you use the HPE Switch Selector?

A. when you need to list the price information of the switches
B. when you need to select a switch VLAN configuration
C. when you need to compare features between multiple switches
D. when you need to perform a competitive analysis between vendors

Answer: C

NEW QUESTION 192
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