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Delta - Building HPE Hybrid IT Solutions

HP HPE0-V15

Version Demo

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QUESTION NO: 1

Refer to the exhibits.

HPE MSA 2052 SAN Storage	
Array	
Access Type	Block
Form Factor	2U, SFF or LFF
Number of controllers per array	2
Number of host ports per array	8
FC host connectivity	8/16Gb
iSCSI host connectivity	1Gb or 10Gb
SAS host connectivity	6/12Gb
Cache, per array	
Max Read cache per array	8TB
Data (read/write) cache + system memory per array	16GB
Pool Capacity (with Large Pool Support)	562 TB (512 TiB)
RAID Levels supported: Virtual mode	RAID 0, 1, 5, 6, 10* Read Cache Only
Enclosures	
Expansion Drive Enclosures	0-7 enclosures
LFF/SFF array/enclosure mixing	Supported
Maximum number of drives per array enclosure	24 SFF/12 LFF
Maximum number of drives per drive enclosure	24 SFF/12 LFF
Drive enclosure interface type	6Gb SAS
Drives	
Maximum total HDDs per array	192 SFF / 96 LFF
Maximum total SSDs per array	192 SFF / 96 LFF
Max raw capacity per array enclosure	76.8 TB SFF / 168TB LFF
Max raw capacity per drive enclosure	76.8 TB SFF / 168TB LFF
Max raw capacity per array	614.4TB SFF / 1344TB LFF
Integrated SSDs	2x800GB Mixed Use SSDs

<p>HPE Modular Smart Array 2050/5...</p> <p>Q1J03A CTD</p>	<p>HPE MSA 2052 SAN Dual Controller SFF Storage</p> <p>1</p>
<p>Disk Enclosure. #1</p> <p>Q1J07A CTD</p>	<p>HPE MSA 2050 SFF Disk Enclosure</p> <p>3</p>
<p>Disk Enclosure. #2</p> <p>Q1J06A CTD</p>	<p>HPE MSA 2050 LFF Disk Enclosure</p> <p>3</p>

A customer is growing rapidly, and they need to add as many drives as possible to their MSA 2052 array. You created the original configuration. How many drives can be added to the customer array? (Select two)

- A. 48 SFF drives
- B. 24 LFF drives

- C. 12 SFF drives
- D. 12 LFF drives
- E. 24 SFF drives

ANSWER: C E

QUESTION NO: 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: B D

QUESTION NO: 3

A system administrator is performing the BIOS/Platform configuration of a DL380 Gen10 servers You notice the amber health LED.

The health status of which solution components can be verified with embedded UEFI Diagnostics? (Select two.)

- A. Primera node
- B. iLONAND
- C. FC HBA
- D. Processor
- E. Power Supplies

ANSWER: B D

QUESTION NO: 4

You need to change BIOS configuration settings without rebooting a server.

Which system utility should you use?

- A. Intelligent Management Center
- B. Lights-Out Online Configuration utility
- C. intelligent Provisioning
- D. smart Storage Administrator

ANSWER: C

QUESTION NO: 5

A customer needs to update a server's firmware using the latest Support Pack for ProLiant (SPP). They use a bootable USB flash drive to do so, and they select Interactive Mode on boot. Once the device boots, they are unsure how to proceed and ask for your assistance.

What can you tell them to do to easily update the firmware?

- A. Download a new version of Smart Update Manager.
- B. From Interactive mode, select the "Force Firmware" option.
- C. Reboot the server with the flash drive and leave in default mode.
- D. Run interactive mode from the Operating System instead.

ANSWER: B

QUESTION NO: 6 - (DRAG DROP)

Match the Networking Product Family to the appropriate use case:

Product	Use Case
Aruba	traditional core and top of rack (ToR) network infrastructure
FlexFabric	software-defined datacenter network with ease of automation
Altoline	open networking where customer purchases network OS separately from switch
Arista	campus edge port aggregation

ANSWER:

Product		Use Case
Aruba	Altoline	traditional core and top of rack (ToR) network infrastructure
FlexFabric	Arista	software-defined datacenter network with ease of automation
Altoline	FlexFabric	open networking where customer purchases network OS separately from switch
Arista	Aruba	campus edge port aggregation

Explanation:

QUESTION NO: 7

A local state college is implementing a new VDI cluster to support computer and testing labs. They have the following requirements:

Which server model should you recommend to this client?

- A. HPE DL385
- B. HPE DL380
- C. HPE DL360
- D. HPE DL325

ANSWER: B

QUESTION NO: 8 - (HOTSPOT)

You are configuring an MSA 2052 for one of your customers in OCA.

Click on either one of the two places on the Bill of Materials screen that will enable you to verify the configuration and get details on any errors.

Advanced One Config [New Configuration](#) [Open Configurations](#) [Manage MyLibrary](#) [Import](#) [Useful Links](#)

[Save](#) [Export](#) [Catalog](#) [New Delegation](#)

A Customer MSA 2052

This is a single solution configuration.

BOM Details for A Customer MSA 2052

[Expand All](#) [Collapse All](#)

+/-	Quantity	Product #	Product Description
	1	Q1J03A	HPE MSA 2052 SAN D
	22	J9F49A	HPE MSA 1.8TB 12G SA
	22	J9F49A OD1	Factory Integrated
	3	Q1J06A	HPE MSA 2050 LFF Dis
	3	Q1J06A OD1	Factory Integrated
	36	M0S90A	HPE MSA 8TB 12G SAS
	36	M0S90A OD1	Factory Integrated

ANSWER:

Advanced One Config New Configuration Open Configurations Manage MyLibrary Import Useful Links

Save Export Catalog New Delegation

A Customer MSA 2052

Summary Components Layout Power BOM Customer Intent Services

This is a single solution configuration.

BOM Details for A Customer MSA 2052

Expand All Collapse All

+/-	Quantity	Product #	Product Description
[-]	1	Q1J03A	HPE MSA 2052 SAN D
[-]	22	J9F49A	HPE MSA 1.8TB 12G SA
[≡]	22	J9F49A OD1	Factory Integrated
[-]	3	Q1J06A	HPE MSA 2050 LFF Dis
[≡]	3	Q1J06A OD1	Factory Integrated
[-]	36	M0590A	HPE MSA 8TB 12G SAS
[≡]	36	M0590A OD1	Factory Integrated

Explanation:

QUESTION NO: 9

A customer needs to integrate a new digital video surveillance solution into their existing environment and available network ports. The solution needs to include redundant hypervisor servers and a redundant SAN with a shared Fibre Channel attached storage array.

You plan to propose the following configuration:

What must be added to the configuration to provide a complete solution? (Choose two.)

- A. 2 HPE 10/25 Gb 2-port 622FLR-SFP28 CNA
- B. 2 HPE FlexFabric 5710 switches
- C. 2 Aruba 8320 switches
- D. 2 HPE SN3000B switches
- E. 2 HPE StoreFabric SN1200E 16 Gb Dual Port FC HBAs

ANSWER: D E

QUESTION NO: 10

Which network protocol is used to build a loop-free logical topology for Ethernet networks?

- A. SCSP
- B. ECP
- C. VLAN
- D. STP

ANSWER: D