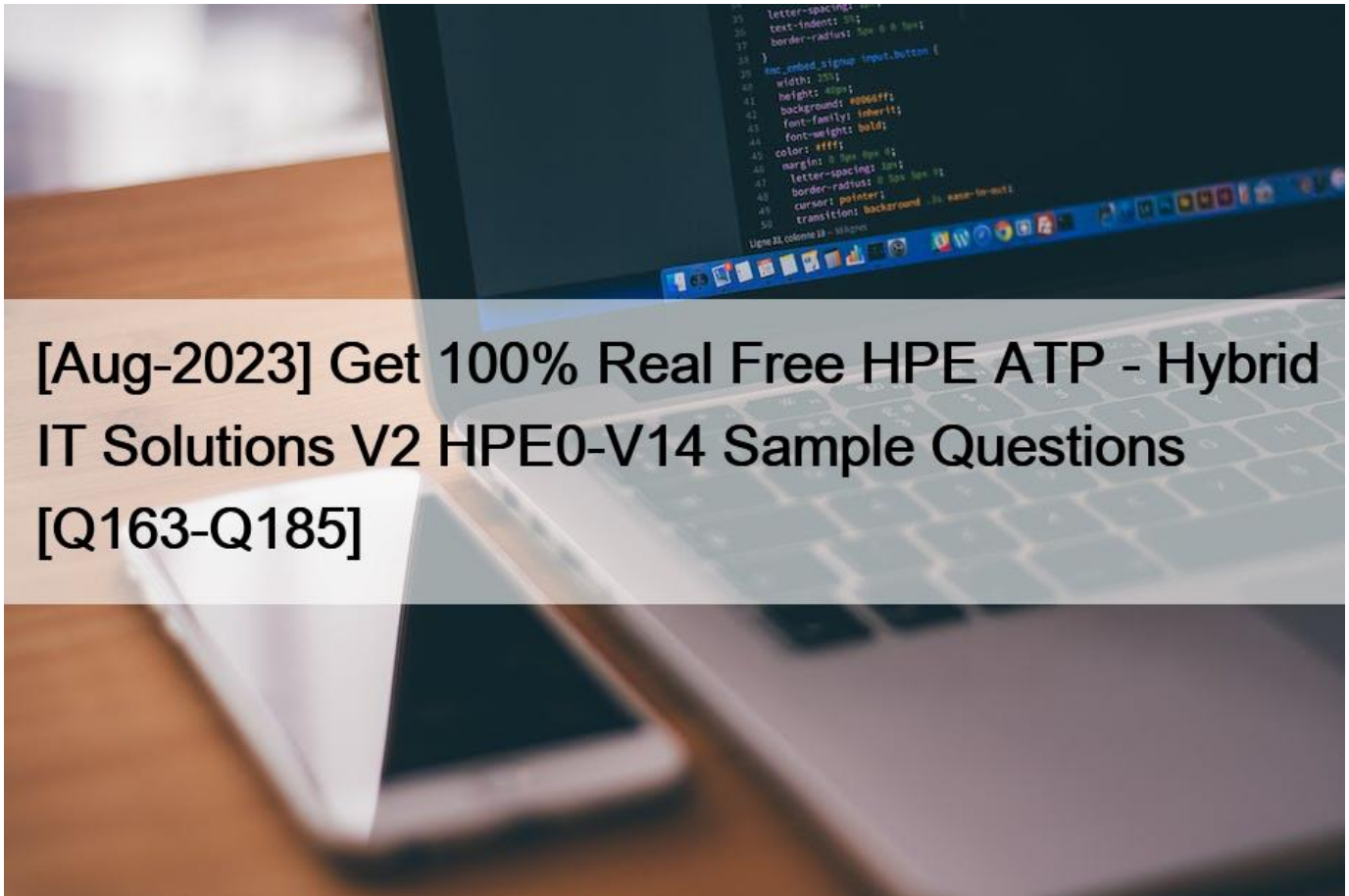


[Aug-2023 Get 100% Real Free HPE ATP - Hybrid IT Solutions V2 HPE0-V14 Sample Questions [Q163-Q185]



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HP HPE0-V14 (Building HPE Hybrid IT Solutions) Certification Exam is designed for IT professionals who are looking to validate their skills and knowledge in building and managing hybrid IT solutions. Building HPE Hybrid IT Solutions certification exam is ideal for candidates who have experience with HPE hybrid IT products and solutions and want to demonstrate their proficiency in designing, implementing, and managing these solutions.

NO.163 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?

- * Network administrator
- * Infrastructure administrator
- * Backup administrator

* Server administrator

NO.164 Match each HPE solution to its corresponding technology usage.

HPE Solution		Usage
HPE OneView Advanced	<input type="checkbox"/>	single-pane management and monitoring for selected HPE devices
HPE ProLiant	<input type="checkbox"/>	industry-leading server platform for a broad range of workloads
HPE Simplivity	<input type="checkbox"/>	purpose-built hyperconverged solution

HPE Solution		Usage
<input type="checkbox"/> HPE OneView Advanced	<input checked="" type="checkbox"/> HPE OneView Advanced	single-pane management and monitoring for selected HPE devices
<input type="checkbox"/> HPE ProLiant	<input checked="" type="checkbox"/> HPE ProLiant	industry-leading server platform for a broad range of workloads
<input type="checkbox"/> HPE Simplivity	<input checked="" type="checkbox"/> HPE Simplivity	purpose-built hyperconverged solution

NO.165 A solution integrator is installing new equipment to the rack.

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

Hot Area:



NO.166 A customer needs to locate an exact time when a link down event occurred at the FC port of Nimble storage Which on-premises tool can the customer use?

- * Embedded UEFI Diagnostics

- * HPE Nimble Storage web-based user interface
- * HPE StoreServ Management Console
- * HPE InfoSight

Explanation/Reference: <https://assets.ext.hpe.com/is/content/hpedam/documents/4aa4-8000-8999/4aa4-8543/4aa4-8543enw.pdf>

NO.167 A local state college is implementing a new VDI cluster to support computer and testing labs. They have the following requirements:

Three VMware ESXi Hosts, each with one AMD processor, 1 TB of RAM, 16 Gbps FC Dual Port HBA.

HPE Nimble AF20 with 17 TB usable capacity.

Integration into an existing HPE FlexFabric 5710 and HPE SN3000B Fibre Channel SAN switches.

The solution must fit in 7U of rack space. If the customer needs more capacity in the future, they will use scale-out growth.

Which server model should you recommend to this client?

- * HPE DL385
- * HPE DL380
- * HPE DL360
- * HPE DL325

NO.168 You need to create a dynamic bridge-aggregation group on a FlexFabric switch to ensure the ports are automatically configured with the applicable bridge-aggregation interface configuration Drag the steps on the left Into their appropriate order in the answer area on the right.

Steps	Order
Set the link-aggregation mode within the bridge-aggregation interface	
Create the bridge-aggregation interface	
Add the desired physical interfaces to the link-aggregation group	
Configure the bridge-aggregation interface with the desired VLANs within the bridge-aggregation interface	

Navigation: > < > <

Steps	Order
Set the link-aggregation mode within the bridge-aggregation interface	Create the bridge-aggregation interface
Create the bridge-aggregation interface	Set the link-aggregation mode within the bridge-aggregation interface
Add the desired physical interfaces to the link-aggregation group	Add the desired physical interfaces to the link-aggregation group
Configure the bridge-aggregation interface with the desired VLANs within the bridge-aggregation interface	Configure the bridge-aggregation interface with the desired VLANs within the bridge-aggregation interface

Navigation: > < > <

NO.169 A server administrator needs to see the 24-hour history of the power consumed by an installed HPE ProLiant server.

Which HPE tool can the admin use to gather this information?

- * IMC
- * Power Advisor
- * iLO
- * UEFI

NO.170 A customer needs NFS access on a fiber channel array.

What must be included in the solution to meet this requirement?

- * StoreEver
- * Storage File Controller
- * Smart Array Controller
- * StoreOnce RMC

NO.171 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?

- * Fibre Channel Connectivity
- * 10Gb iSCSI support
- * Supported by Infosight for predictive analytics
- * Predictable performance event with one failed controller

NO.172 You configured a port on an HPE FiexFabric 5900 series switch that is connected to a VMware ESXi server to support multiple VLANs interface Ten-GigabitEthernet 1/0/11 description server ESXiOI-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 untagged traffic coming from the VMware ESXI host?

- * It will be transmitted in vlan 1.
- * It will be dropped
- * It will be transmitted in vlan 2
- * It will be transmitted in vlan 50.

NO.173 A customer requires five HPE ProLiant servers that will be mounted in a rack and shipped from site to site All servers must be online within an hour of site arrival Which feature will ensure that the servers win be available to the business if travel motion has damaged a DIMM?

- * HPE Fast Fault Tolerance Memory protection
- * Triple+ Parity RAID protection
- * Flash Back Write Cache battery protection
- * HPE Active Health System integration

NO.174 A customer needs a low cost block storage array for targeted workloads. The array needs to provide automated tiering, thin provisioning, and snapshot capabilities.

Which HPE storage solution meets the customer requirements?

- * HPE MSA

- * HPE D3000
- * HPE Nimble
- * HPE StoreEasy

Explanation/Reference: <https://h20195.www2.hpe.com/v2/getpdf.aspx/A00015961ENW.pdf>

NO.175 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?

- * Multi-chassis Link Aggregation (MLAG)
- * Link Aggregation Control Protocol (LACP)
- * Rapid Spanning Tree Protocol (RSTP)
- * Intelligent Resilient Framework (IRF)

NO.176 Place the components on the left in the correct order on the right for the recommended power-up sequence.

Components

Order

- Disk storage
- Host servers
- SAN switches
- Tape libraries

Components

Order

- Disk storage
- Host servers
- SAN switches
- Tape libraries

- SAN switches
- Tape libraries
- Disk storage
- Host servers

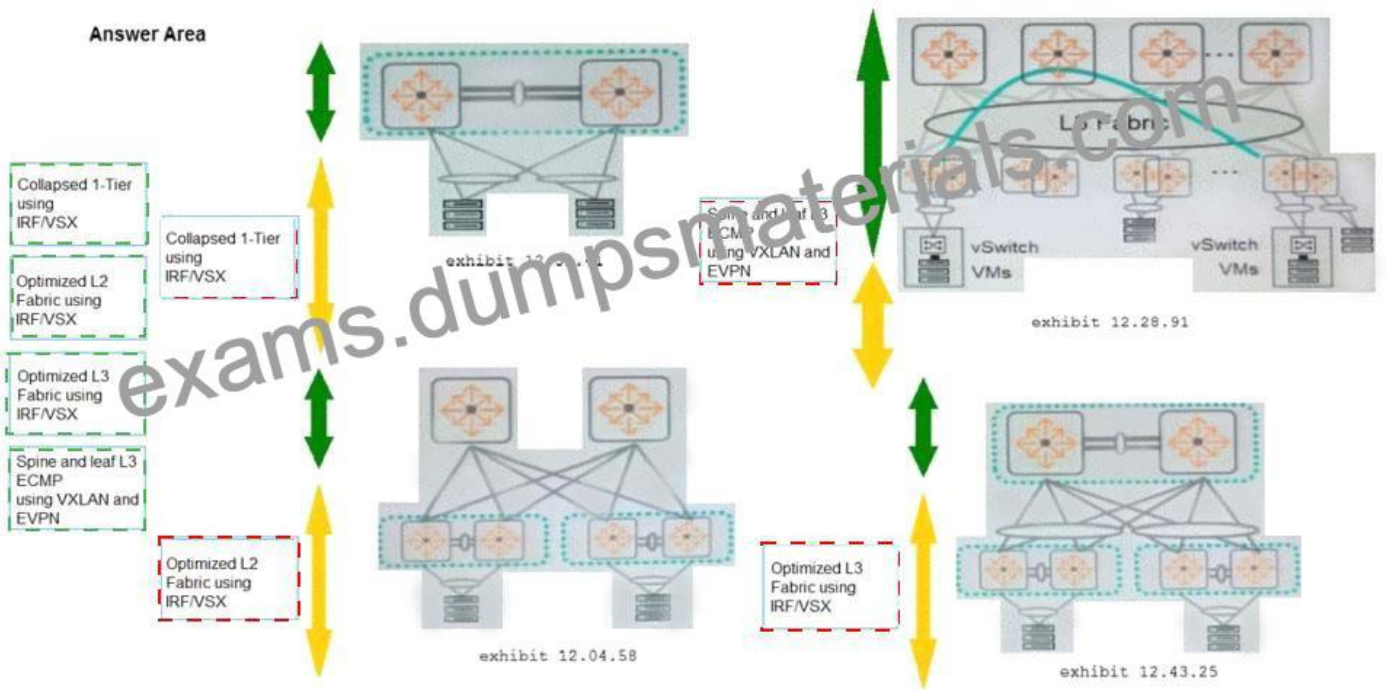
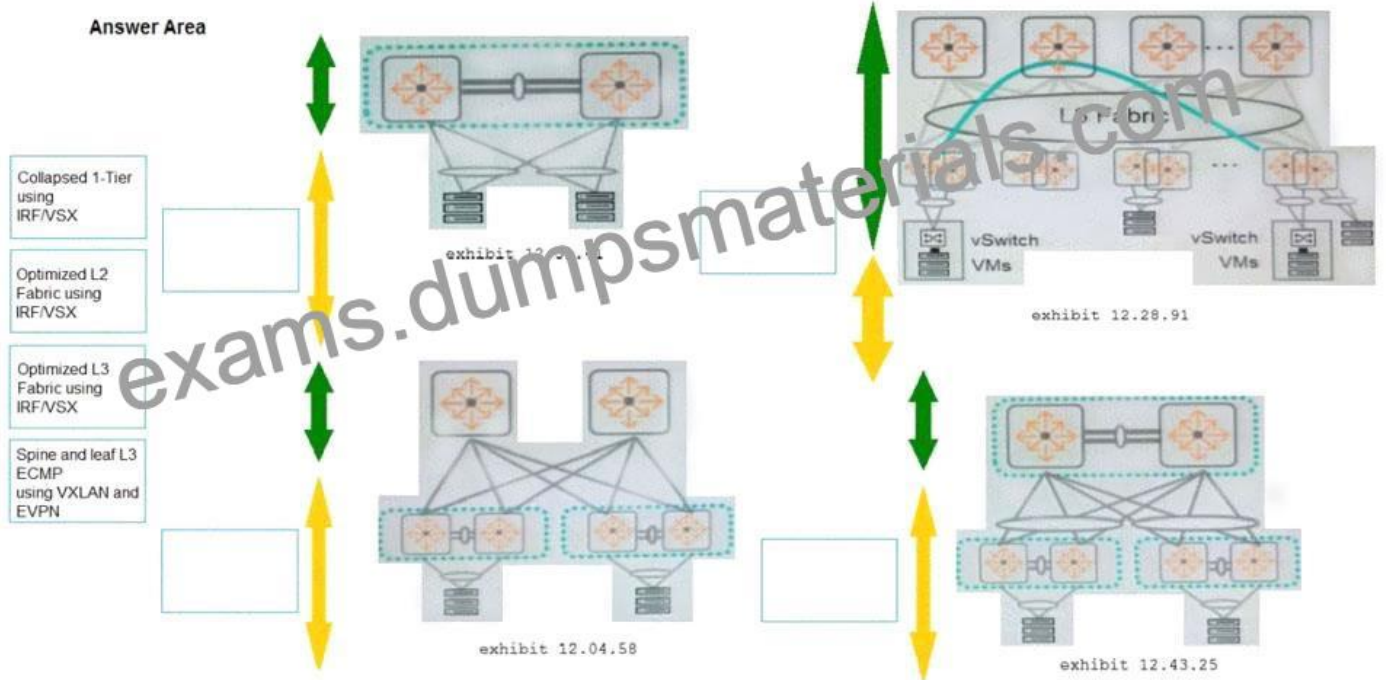
SAN switches

Tape libraries

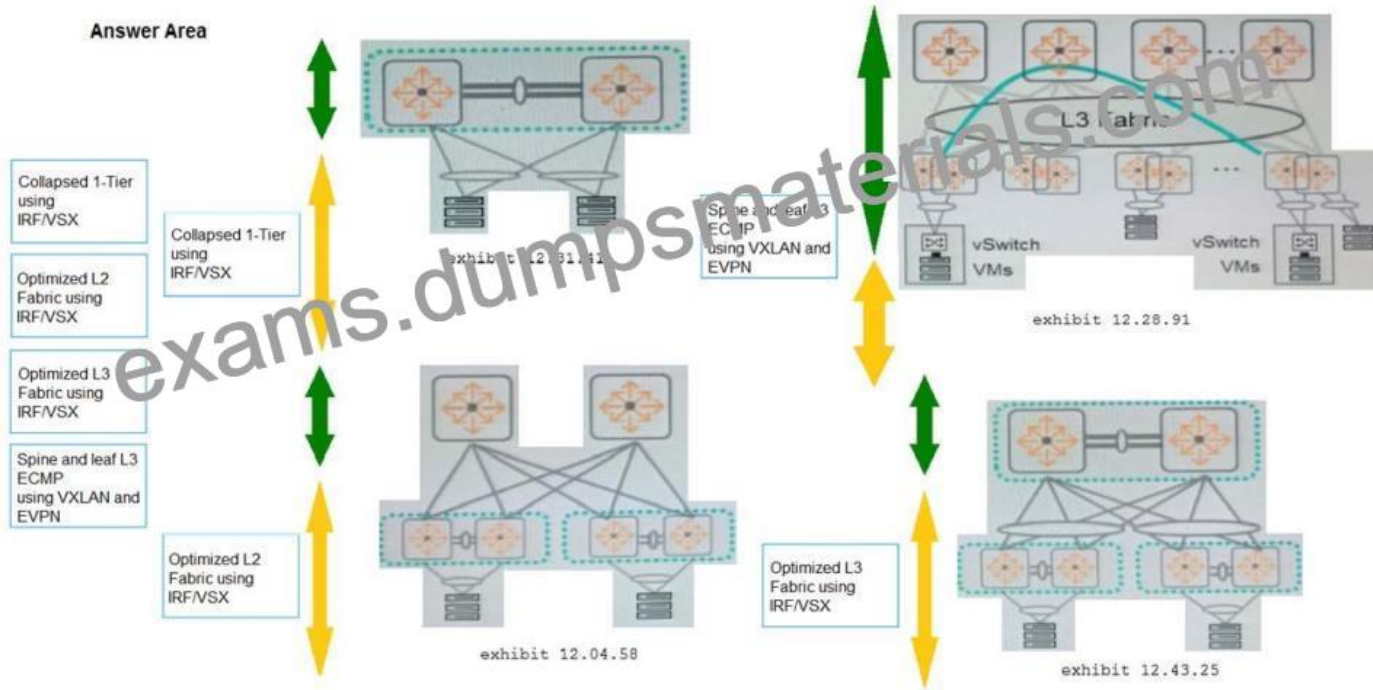
Disk storage

Host servers

NO.177 Match each customer data center architecture to its network topology.



Explanation



NO.178 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

Summary: This is a single solution configuration for A Customer MSA 2052

Components: BOM Details for A Customer MSA 2052

Layout: [Expand All](#) | [Collapse All](#)

	+/-	Quantity	Product #	Product Description
BOM	[-]	1	Q1J03A	HPE MSA 2052 SAN Du
Customer Intent	[-]	22	J9F49A	HPE MSA 1.8TB 12G SA
Services	[≡]	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

The screenshot shows the HPE One Config interface. At the top, there are navigation links: "New Configuration", "Open Configurations", "Manage MyLibrary", "Import", and "Useful Links". Below this, there are action buttons: "Save", "Export", "Catalog", and "New Delegation". The main content area is titled "A Customer MSA 2052" and contains a "BOM Details for A Customer MSA 2052" section. This section includes a table with columns for "+/-", "Quantity", "Product #", and "Product Description". The table lists several components, including HPE MSA 2052 SAN Du, HPE MSA 1.8TB 12G SA, HPE MSA 2050 LFF Dis, and HPE MSA 8TB 12G SAS. There are also "Expand All" and "Collapse All" buttons above the table.

+/-	Quantity	Product #	Product Description
-	1	Q1J03A	HPE MSA 2052 SAN Du
-	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

NO.179 A customer needs a virtual desktop infrastructure environment to quickly deploy new desktop images to more than 70 onsite contractors. They plan to use HPE ProLiant DL360 Gen10 servers running VMware ESXi connected to a shared storage device. The customer requires deduplication because they are concerned about the required storage capacity for the full clone images.

Which storage device would best address their concerns?

- * HPE MSA 1040
- * HPE MSA 2052
- * HPE Nimble AF20
- * HPE Nimble HF20C

<https://h20195.www2.hpe.com/v2/getdocument.aspx?docname=a00008274enw>

NO.180 Match the speed and protocol with the appropriate component.

Component	Speed and Protocol
SFP+	10GbE
QSFP28	12Gb SAS
Mini-SAS HD 4x	100GbE



Reference:

<https://buy.hpe.com/us/en/options/transceivers/server-transceivers/hpe-sfp-transceivers/p/7263510>

https://itg.buy.hpe.com/emea_europe/en/options/transceivers/server-transceivers/server-transceivers/hpe-qsfp28-transceivers/p/1008789459

NO.181 A customer needs a solution for a rack of servers. They need connectivity for 14 HPE DL380 servers, which each have two 10-GBASE-T Ethernet ports, and 10 HPE DL360 servers, which have two 10GBASE-X SFP+ Ethernet ports.

They need switch redundancy for each server and want to connect all servers to the same switch stack. The client also needs a 400 Gb backbone connection to the data center core switch from the solution you are creating.

Which architecture meets the customer requirements?

* One VSX stack of two Aruba 8320 48-port 1/10GBASE-X SFP+ switches with the following: 14

10GBASE-T transceivers in each switch

10 SFP+ to SFP+ DACs in each switch Two QSFP+ to Quad SFP+ adapters

* One IRF stack of two HPE 5945 2-Slot switches each with the following: One 24-Port SFP28 + 2-Port QSFP28 module One 24-Port 1/10GBASE-T + 2-Port QSFP+ module 10 SFP+ to SFP+ DACs in each switch

* One IRF stack of two HPE 5945 48-port 1/10GBASE-X SFP+ switches with the following: 14

10GBASE-T transceivers in each switch

10 SFP+ to SFP+ DACs in each switch

* One VSX stack of two Aruba 8325 48-port 1/10GBASE-X SFP+ switches with the following: 14

10GBASE-T transceivers in each switch

10 SFP+ to SFP+ DACs in each switch

NO.182 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

Profile		Description
Mission Critical	General Peak Frequency Compute	Maximizes processor speed
Transactional Application Processing	Mission Critical	Large number of database operations
General Peak Frequency Compute	Transactional Application Processing	Trades performance for reliability

Explanation

Missing Critical – Large number of database operations

Transactional Application Processing – Trades performance for reliability
 General Peak Frequency Compute – Maximize processor speed

NO.183 Match the speed and protocol with the appropriate component.

Component		Speed and Protocol
SFP+		12 Gb SAS
SFP28		16 Gb FC
Mini-SAS HD x4		25GbE

Component		Speed and Protocol
SFP+	Mini-SAS HD x4	12 Gb SAS
SFP28	SFP+	16 Gb FC
Mini-SAS HD x4	SFP28	25GbE

NO.184 A customer is considering an upgrade of their network, which connects 10 servers. The customer has a converged data center networking architecture with Layer 2 and Layer 3 functionality. Which HPE product family will meet this customer's needs?

- * Arista
- * Altoline
- * Aruba
- * FlexFabric

B

NO.185 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	1/2Gb
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* <small>*Read Cache Only</small>
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

<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> HPE Modular Smart Array 2050/5... Q1J03A CTD </div>	<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> HPE MSA 2052 SAN Dual Controller SFF Storage </div>	1
<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Disk Enclosure. #1 Q1J07A CTD </div>	<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> HPE MSA 2050 SFF Disk Enclosure </div>	3
<div style="border: 1px solid #ccc; padding: 5px;"> Disk Enclosure. #2 Q1J06A CTD </div>	<div style="border: 1px solid #ccc; padding: 5px;"> HPE MSA 2050 LFF Disk Enclosure </div>	3

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)

- * 48 SFF drives

- * 24 LFF drives
- * 12 SFF drives
- * 12 LFF drives
- * 24 SFF drives

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