# Exam Code: HPE0-V15

**Exam A**

**QUESTION 1**
A customer has a single ProLiant DL560 Gen 10 running a virtualization system. They want to validate installed firmware components at the hardware level.
Which built-in management tool should they use to complete this task?

A. HPE OneView Advanced
B. ILO 5 Advanced
C. UEFI
D. HPE intelligent Provisioning

**Correct Answer: B**
**Section:**

**QUESTION 2**
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.

**Hot Area:**

# 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 Du |
| ⊟ | 22 | J9F49A | HPE MSA 1.8TB 12G SA |
| ≡ | 22 | J9F49A 0D1 | Factory Integrated |
| ⊟ | 3 | Q1J06A | HPE MSA 2050 LFF Dis |
| ≡ | 3 | Q1J06A 0D1 | Factory Integrated |
| ⊟ | 36 | M0S90A | HPE MSA 8TB 12G SAS |
| ≡ | 36 | M0S90A 0D1 | Factory Integrated |

**Answer Area:**

**Section:**
**Explanation:**

**QUESTION 3**
DRAG DROP
Match the Networking Product Family to the appropriate use case:

**Select and Place:**



Product
Aruba
FlexFabric
Altoline
Arista

Use Case

traditional core and top of rack (ToR) network infrastructure

software-defined datacenter network with ease of automation

open networking where customer purchases network OS separately from switch

campus edge port aggregation

**Correct Answer:**



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

**Section:**
**Explanation:**

**QUESTION 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

**Correct Answer: C**
**Section:**

**QUESTION 5**
A customer is experiencing read cache hit ratios well below 80 percent on an HPE Nimble HF40 array Data is constantly being ejected from the Nimble array's First In First Out cache What should you recommend?

A. Upgrade the SSD bundle to add more capacity.

B. Enable InfoSlght's AI-based cache optimization setting

C. Turn off deduplication on affected volumes

D. Turn on deduplication on affected volumes.

**Correct Answer: C**
**Section:**

**QUESTION 6**
What is a benefit of a NAS device?

A. SAS connectivity to hosts

B. dedicated file services

C. iSCSI Protocol services

D. shared Block Level access
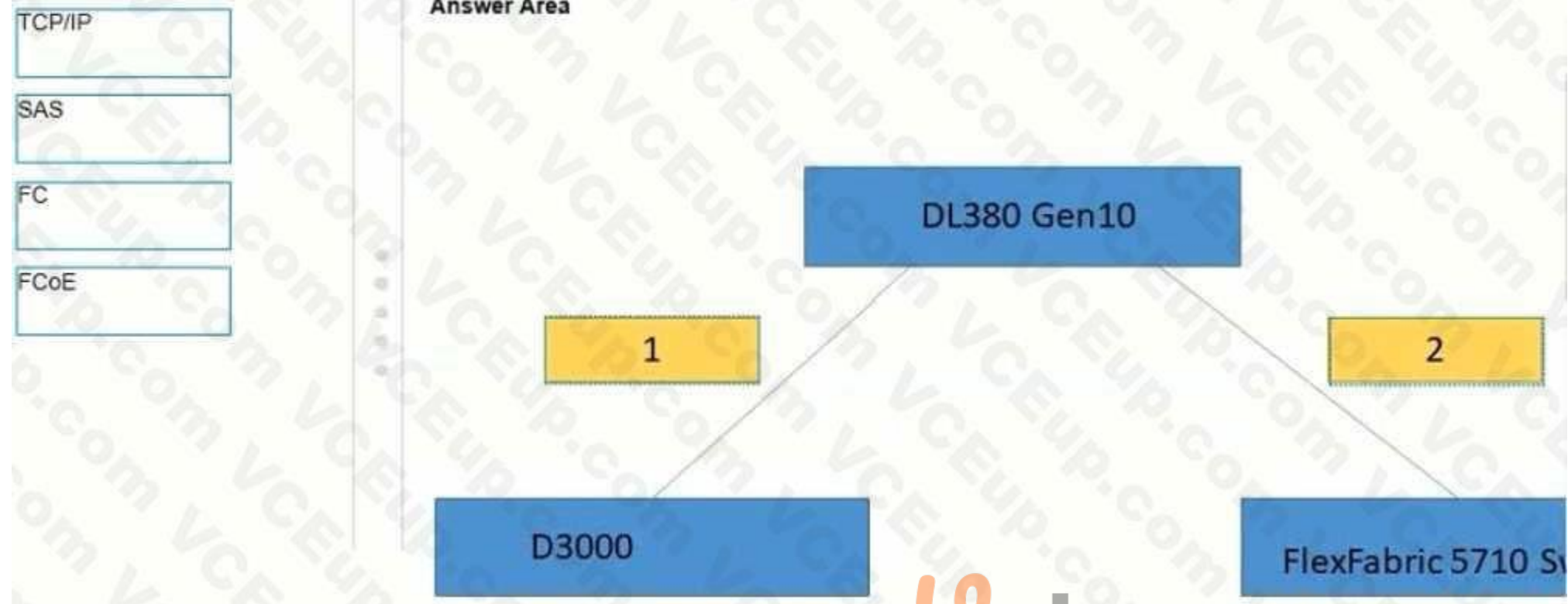
**Correct Answer: B**
**Section:**

**QUESTION 7**
DRAG DROP

Refer to the exhibit.
Drag the correct protocols from the left to the appropriate area on the topology on the right.

**Select and Place:**

| TCP/IP |
|---|

| SAS |
|---|

| FC |
|---|

| FCoE |
|---|

Answer Area

DL380 Gen10

1

2

D3000

FlexFabric 5710 S

**Correct Answer:**

| TCP/IP |
|---|

| SAS |
|---|

| FC |
|---|

| FCoE |
|---|

Answer Area

DL380 Gen10

FC

TCP/IP

D3000

FlexFabric 5710 S

**Section:**
**Explanation:**

**QUESTION 8**

A customer has a small business office and is concerned that the local storage in their current ProLiant Gen 10 server with a Linux OS Is reaching maximum capacity Which solution should you recommend to expand the customer's data storage capacity?

A. StoreEver

B. StoreOnce

C. SimpliVity

D. D3000

**Correct Answer: D**
**Section:**


**QUESTION 9**
Which HPE MSA storage feature enables tuning the tier-migration algorithm for a virtual volume when creating or modifying the volume?

A. Automated Tiered Storage

B. Volume Tier Affinity

C. Wide Striping

D. HDD drive geometry

**Correct Answer: A**
**Section:**


**QUESTION 10**
A solution integrator is installing new data center components including an HPE G2 Advanced Rack with two Standard Series G2 PDUs A customer observing the installation process questions whether there will be sufficient power for additional equipment that may be added in the future.
How should the solution integrator respond?

A. HPE G2 Advanced racks allow additional PDUs to be added if additional equipment requires more outlets or more available power

B. HPE Standard Series G2 PDUs allow additional inlet power cords to support additional equipment in the future.

C. HPE PDUs support elevated temperatures up to 75°C (1673F), in case the additional equipment power draw results in increased heat generation.

D. Two HPE Standard G2 PDUs will support 42U of racked equipment, so any equipment added in the future will be accommodated by the current PDU configuration

**Correct Answer: D**
**Section:**


**QUESTION 11**
Which web service uses baste CRUD operations performed on resources using HTTP Post, Get. Put.
Delete, and Patch?

A. cURL

B. REST

C. CORBA

D. SOAP

**Correct Answer: B**
**Section:**

**QUESTION 12**

An administrator deployed a new FlexFabric switch Into the environment and wants to collect baseline information from the switch The administrator wants to be able to use this in case there is any question from support should the administrator open a case.

Which command can the administrator use to collect support information from the switch?

A. support save

B. show switch Info

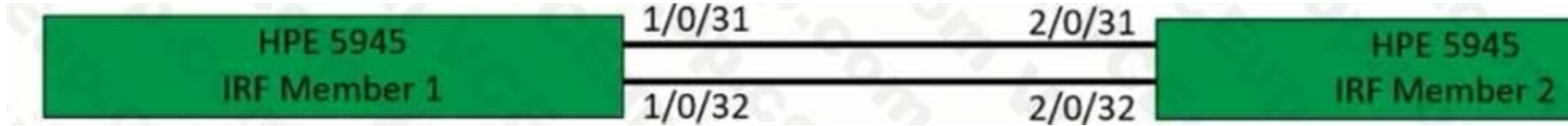C. display diagnostic-information

D. show tech all

**Correct Answer: C**
**Section:**
**Explanation:**
https://support.hpe.com/hpesc/public/docDisplay?docId=c04406895

**QUESTION 13**
Refer to the exhibit.



You are configuring a pair of HPE 5945 switches into an IRF stack You have cabled the switches as depicted in the exhibit Into which IRF Ports should you place each switch interface?
A)

IRF Port1/1 -interface Ten-GigabitEthernet 1/0/31 -interface Ten-GigabitEthernet 2/0/32
IRF Port2/1 -interface Ten-GigabitEthernet 1/0/31 -interface Ten-GigabitEthernet 2/0/32

B)

IRF Port1/1 -interface Ten-GigabitEthernet 2/0/31 -interface Ten-GigabitEthernet 2/0/32
IRF Port2/1 -interface Ten-GigabitEthernet 1/0/31 -interface Ten-GigabitEthernet 1/0/32

C)

IRF Port1/1 -interface Ten-GigabitEthernet 1/0/32 -interface Ten-GigabitEthernet 2/0/31
IRF Port2/1 -interface Ten-GigabitEthernet 1/0/31 -interface Ten-GigabitEthernet 2/0/32

D)

IRF Port1/1 -interface Ten-GigabitEthernet 1/0/31 -interface Ten-GigabitEthernet 1/0/32
IRF Port2/1 -interface Ten-GigabitEthernet 2/0/31 -interface Ten-GigabitEthernet 2/0/32

A. Option A

B. Option B

C. Option C

D. Option D

**Correct Answer: A**
**Section:**

**QUESTION 14**
DRAG DROP
Match each ProLiant solution to its ideal use case

**Select and Place:**

| ProLiant Solution | | Use Case |
|---|---|---|
| HPE ProLiant MicroServer Gen10 | | Dense, racked, multi-server deployments; scales up to handle enterprise workloads |
| HPE ProLiant ML30 Gen10 Server | | Non-racked environments; able to scale large enough to handle enterprise workloads |
| HPE ProLiant ML350 Gen10 Server | | Non-racked environments; limited scale and expandability; single processor; dual power supply |
| HPE ProLiant DL380 Gen10 Server | | Small form factor; optimized for small or home office; quiet operational noise level; low cost |

**Correct Answer:**

| ProLiant Solution | | Use Case |
|---|---|---|
| HPE ProLiant MicroServer Gen10 | | Dense, racked, multi-server deployments; scales up to handle enterprise workloads |
| HPE ProLiant ML30 Gen10 Server | | Non-racked environments; able to scale large enough to handle enterprise workloads |
| HPE ProLiant ML350 Gen10 Server | | Non-racked environments; limited scale and expandability; single processor; dual power supply |
| HPE ProLiant DL380 Gen10 Server | | Small form factor; optimized for small or home office; quiet operational noise level; low cost |

**Section:**
**Explanation:**
4,3,2,1

**QUESTION 15**
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 ESXiOl-ethl 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?

A. It will be transmitted in vlan 1.
B. It will be dropped
C. It will be transmitted in vlan 2
D. It will be transmitted in vlan 50.

**Correct Answer: B**
**Section:**

**QUESTION 16**
You are reviewing a series of MSA2052 storage designs for a customer's remote locations. Their largest remote site requires the highest possible level of internal data protection with at least 20 TB of storage. Which disk drive design is adequate for this site?

A. 14 HPE MSA 2 TB drives, configured with RAID1

B. 8 HPE MSA 2 TB drives, configured with RAID5

C. 10 HPE MSA 2 TB drives, configured with RAID0

D. 12 HPE MSA 2 TB drives, configured with RAID6

**Correct Answer: D**
**Section:**
**Explanation:**
Reference: https://h20195.www2.hpe.com/V2/getpdf.aspx/a00008277enw.pdf

**QUESTION 17**
What is the correct cable type to use when connecting a server to a switch using 10 Gbps Short Range (SR) SFP+ optical connections?

A. Direct Attach Cable (DAC)

B. Twin-Ax

C. Single Mode Fiber

D. Multi-mode Fiber

**Correct Answer: C**
**Section:**
**Explanation:**
Reference: https://support.hpe.com/hpesc/public/docDisplay?docId=c02705558

**QUESTION 18**
A customer needs a server memory subsystem that meets the following requirements: approaches the speed of traditional DRAM ensures high capacity, high performance, and ongoing data safety in case of a power failure
Which HPE memory feature meets the customer needs?

A. Load Reduced DIMMs

B. Memory Mirroring

C. Fast Fault Tolerance Memory

D. Persistent Memory

**Correct Answer: D**
**Section:**
**Explanation:**
Reference: https://www.hpe.com/emea_europe/en/servers/persistent-memory.html

**QUESTION 19**
DRAG DROP
Match the speed and protocol with the appropriate component.

**Select and Place:**

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

**Correct Answer:**

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

**Section:**
**Explanation:**
Reference: https://support.hpe.com/hpesc/public/docDisplay?docLocale=en_US&docId=emr_naa00035594en_us

**QUESTION 20**
Refer to the exhibit.

Summary

Components

Layout

Power

BOM

Customer Intent

Services

This is a single solution configuration.

BOM Details for A Customer Nimble Storage Array

Expand All | Collapse All | Export Excel | CLIC and Power Check | BOM diff

| +/- | Quantity | Product # | Product Description |
|---|---|---|---|
| − | 1 | Q8H39A | HPE Nimble Storage HF40 Adaptive Dual Controller 10GBASE-T 2-port Configure-to-order Base Array |
| ☰ | 1 | Q8G27B | HPE Nimble Storage NOS Default FIO Software |
| ☰ | 1 | Q8H45A | HPE Nimble Storage HF40/60 Adaptive Array 42 TB (21x2TB) FIO HDD Bundle |
| ☰ | 1 | Q8H50A | HPE Nimble Storage HF40 Adaptive Array R2 2.88TB (6x480GB) FIO Cache Bundle |
| ☰ | 2 | Q8J14A | HPE Nimble Storage C19 to C20 250V 16Amp 1.8m PDU Base Array FIO Power Cord |
| ☰ | 1 | R3P91A | HPE NS AF/HF OEM Trk |

| Item/Subitem | Severity | Product Number | Rule number |
|---|---|---|---|
| 0100/01 | Unbuildable | Q8H39A | 81125348 |
| 0100/01 | Unbuildable | Q8H39A | 81330046 |
| 0100/01 | Warning | Q8H39A | 81330047 |

**Advice Text**

Product#: Q8H39A Rule#: 81125348 Item/Subitem: 0100/01
UNBUILDABLE CONFIGURATION:OVERRIDE REQUIRES FACTORY APPROVAL
When ordering Q8H39A - HPE Nimble Storage HF40 Adaptive Dual Co.
minimum and maximum 1 quantity of the following
Networking Adapters must be ordered.

Q8B83B FIO HPE NS Embedded 10GBASE-T 2p FIO Adptr
Q8B84B FIO HPE Nimble Storage 2x1GbE 2-port FIO Adapter Kit
Q8B85B FIO HPE Nimble Storage 4x1GbE 2-port FIO Adapter Kit
Q8B86B FIO HPE Nimble Storage 2x10GBASE-T 2-port FIO Adapter Kit
Q8B87B FIO HPE Nimble Storage 4x10GBASE-T 2-port FIO Adapter Kit
Q8B88B FIO HPE Nimble Storage 4x10GbE 2-port FIO Adapter Kit

**Power Check**

| Appliance | Severity | Required Power | Provided Power |
|---|---|---|---|

There are no products with Power Supply selections availables.

Download Advice | Done

You are validating a Nimble HF40 configuration created in OCA, and you receive an error when you run a CLIC check.
Which Nimble component needs to be added to the configuration to complete the solution?

A. HPE Nimble Storage HF40/60 Adaptive ES3 21TB HDD 1.44 TB Cache CTO Expansion Shelf

B. HPE Nimble Storage HF40 Adaptive Array R2 2.88 TB FIO Cache Bundle

C. HPE Nimble Storage Embedded 10GBASE-T 2-port FIO Adapter

D. HPE Nimble Storage C19 to C20 250V 16 Amp 1.8m PDU Base Array FIO Power Cord

**Correct Answer: A**
Section:

**QUESTION 21**

Which storage array feature records only changes made to the base volume and keeps an earlier state of the original volume?

A. snapshot
B. clone
C. virtual volume
D. volume mirror

**Correct Answer: A**
**Section:**
**Explanation:**
Reference: https://assets.ext.hpe.com/is/content/hpedam/a00093683enw (10)

**QUESTION 22**
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.
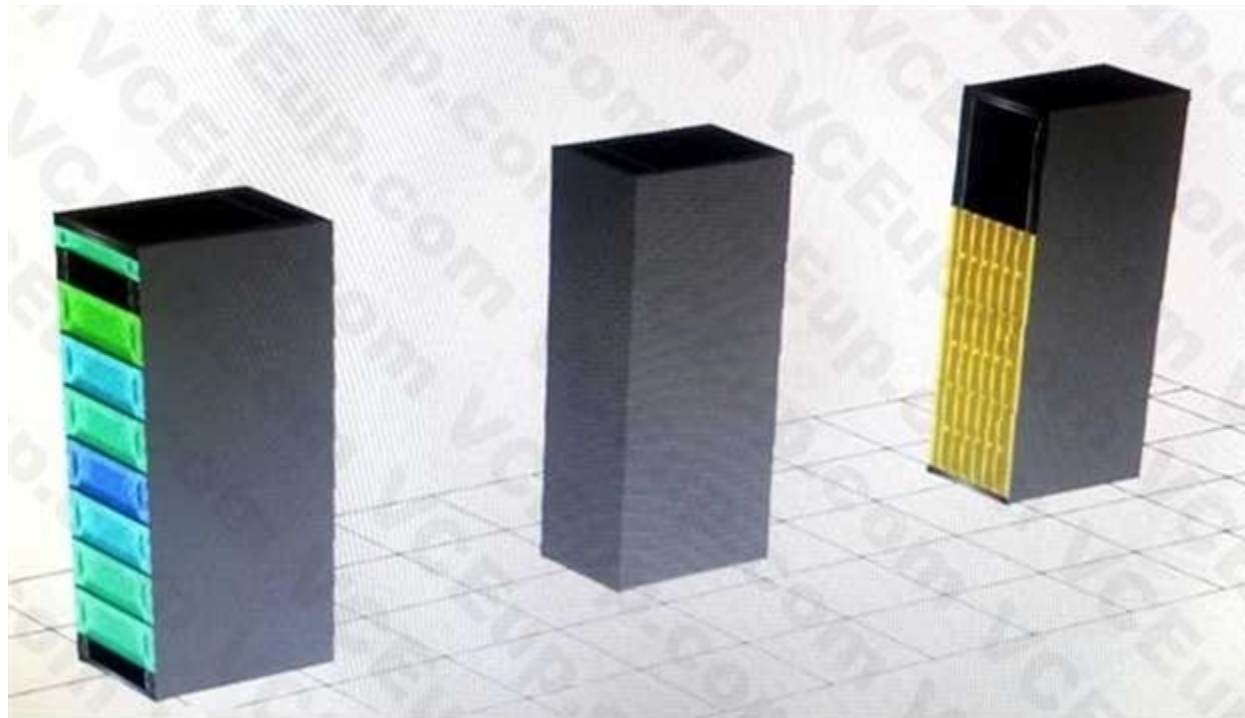Which server model should you recommend to this client?

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

**Correct Answer: B**
**Section:**

**QUESTION 23**
Refer to the exhibit.

You observed some high temperature alerts on a switch shown in the middle rack of the exhibit. The cooling in the data center is following best practices for the layout in the exhibit. The switch is an HPE 5945 series switch, and all the fans are operating normally. The switch is racked so that its ports face the rear of the rack. The administrator noticed the fan modules have red handles.
What should the administrator do to resolve the issue?

A. Replace the fan modules with port-to-power fan modules.

B. Add additional fan modules to the switch.

C. Replace the fan modules with power-to-port fan modules.

D. Change the fan direction with the fan preferred direction command.

**Correct Answer: D**
**Section:**

**QUESTION 24**
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.

**Correct Answer: B**
**Section:**

**QUESTION 25**
A customer with a Microsoft server environment wants to consolidate their employee home directories and other company file shares presented from an appliance as a single name space.
Which HPE product should you recommend to the customer?

A. StoreOnce

B. StoreEasy

C. SimpliVity

D. MSA storage

**Correct Answer: B**
**Section:**
**Explanation:**
Reference:
https://support.hpe.com/hpesc/public/docDisplay?docId=a00076230en_us&docLocale=en_US

**QUESTION 26**
In which protocol are REST API requests transported?

A. HTTP

B. CRUD

C. SOAP

D. SSH

**Correct Answer: A**
**Section:**
**Explanation:**
Reference:
https://techhub.hpe.com/eginfolib/servers/docs/HPRestfultool/iLo4/data_model_reference.html

**QUESTION 27**
A customer's environment includes virtual machines and containers. They need an on-premises platform that allows them to easily and efficiently deploy cloud-native applications at rack-scale.
Which HPE solution meets the customer requirements?

A. MPE ProLiant for Microsoft Azure Stack

B. HPE Synergy with VMware vSAN

C. HPE Nimble iSCSI

D. HPE Apollo Server

**Correct Answer: C**
**Section:**
**Explanation:**
Reference: https://assets.ext.hpe.com/is/content/hpedam/a00059749enw

**QUESTION 28**
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?

A. 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

B. One IRF stack of wo 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

C. 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

D. 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

**Correct Answer: C**
**Section:**

**QUESTION 29**
A customer needs to move data residing in one class of disks to a more appropriate class of disks based on data access patterns without manual intervention.
Which HPE MSA storage technology/feature will meet the customer requirement?

A. Wide striping

B. Automated Tiering

C. Volume Tier Affinity

D. SSD read cache

**Correct Answer: B**
**Section:**
**Explanation:**
Reference: https://assets.ext.hpe.com/is/content/hpedam/4aa4-6892enw (19)

**QUESTION 30**
A customer recently installed a VMware environment with HPE ProLiants, HPE MSA storage, and Aruba switches.
What should you recommend to the customer to manage their support contracts with HPE?

A. HPE InfoSight
B. HPE Recovery Manager Central
C. Service Pack for ProLiant
D. HPE Insight Online

**Correct Answer: D**
**Section:**

**QUESTION 31**
DRAG DROP
Match the customer requirement to the appropriate HPE storage solution.

**Select and Place:**



**HPE Solution**

HPE 3PAR Storage
HPE MSA Storage
HPE Nimble Storage

**Requirement**

Converged block, file, and object
Triple-Parity RAID
Volume Tier Affinity

**Correct Answer:**



**HPE Solution**

**Requirement**

HPE 3PAR Storage — Converged block, file, and object
HPE Nimble Storage — Triple-Parity RAID
HPE MSA Storage — Volume Tier Affinity

**Section:**
**Explanation:**
Reference:
https://h20195.www2.hpe.com/v2/GetPDF.aspx/4AA5-6078ENW.pdf
https://assets.ext.hpe.com/is/content/hpedam/a50002410enw

**QUESTION 32**
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?

A. HPE MSA

B. HPE D3000

C. HPE Nimble

D. HPE StoreEasy

**Correct Answer: A**
**Section:**
**Explanation:**
Reference: https://h20195.www2.hpe.com/v2/getpdf.aspx/A00015961ENW.pdf

**QUESTION 33**
A customer has a single HPE ProLiant Gen 10 server.
Which embedded management tool should they use to monitor the server?

A. HPE OneView Standard

B. HPE Smart Update Manager

C. NPE Intelligent Provisioning

D. HPE iLO5

**Correct Answer: B**
**Section:**
**Explanation:**
Reference: https://dustinweb.azureedge.net/media/483889/proliant-dl380-gen10-smb.pdf

**QUESTION 34**
Which feature in a block storage array eliminates redundant data through the process of using indexes that refer to the original set of data?

A. deduplication

B. compression

C. thin provisioning

D. thick provisioning

**Correct Answer: A**
**Section:**
**Explanation:**
Reference: https://searchstorage.techtarget.com/definition/data-deduplication

**QUESTION 35**
DRAG DROP
A customer considers a new HPE ProLiant DL380 Gen10 as a hardware platform for their application and requires maximum physical security.
For each security-related server components, identify whether it needs to be ordered separately, or whether it is included as part of the server solution.

**Select and Place:**

**Answer Area**

| Included with the server | | Chassis Intrusion detection |
| Needs to be ordered separately | | Certified TPM 2.0 |
| | | Silicon Root of Trust |
| | | Digitally signed firmware |

**Correct Answer:**

**Answer Area**

| Included with the server | Needs to be ordered separately | Chassis Intrusion detection |
| Needs to be ordered separately | Needs to be ordered separately | Certified TPM 2.0 |
| | Included with the server | Silicon Root of Trust |
| | Included with the server | Digitally signed firmware |

Section:
Explanation:

**QUESTION 36**
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:
2 HPE DL380 Gen10 servers with dual processors, 384 GB of memory, dual port 10 Gb NIC, and High Performance Fan Kit 1 HPE MSA 2050 Dual Controller Storage Array with 24x 1.8 TB 10 K SAS drives and 96x 7.2K NL drives 4
VMware vSphere Standard licenses 1 VMware vCenter Server Foundation licenses 5 year 24x7x4 support for all equipment 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

**Correct Answer: D, E**
Section:

**QUESTION 37**
A customer needs to provide inventory management, health monitoring, status alerting, and reporting for their ProLiant servers.
Which HPE management offering meets the customer's needs?

A. OneView

B. Insight Remote Support

C. InfoSight

D. Insight Online

**Correct Answer: A**
Section:

**QUESTION 38**
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 – trade performance and reliability

**Correct Answer: D**
Section:

**QUESTION 39**
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)

**Correct Answer: D**
Section:

**QUESTION 40**
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?
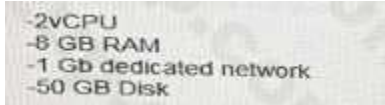
A. Mass storage

B. Microsoft Exchange database

C. Server boot volumes

D. VDI applications

**Correct Answer: A**
**Section:**
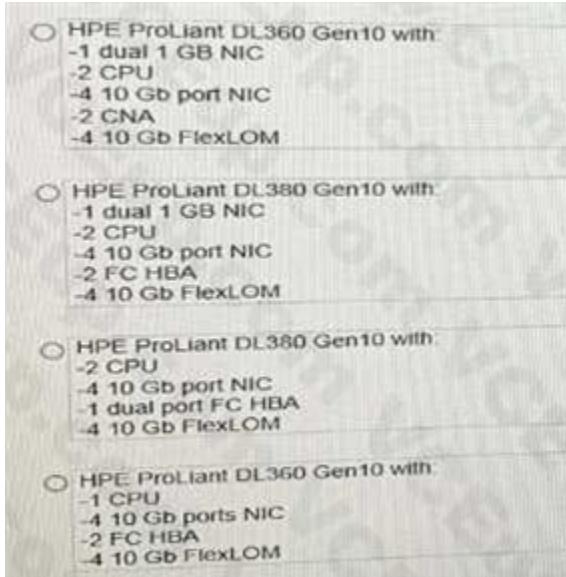
**QUESTION 41**
Exhibit:



```
-2vCPU
-8 GB RAM
-1 Gb dedicated network
-50 GB Disk
```

Which HPE ProLiant Server meets the customer's requirements?



```
○ HPE ProLiant DL360 Gen10 with
  -1 dual 1 GB NIC
  -2 CPU
  -4 10 Gb port NIC
  -2 CNA
  -4 10 Gb FlexLOM

○ HPE ProLiant DL380 Gen10 with
  -1 dual 1 GB NIC
  -2 CPU
  -4 10 Gb port NIC
  -2 FC HBA
  -4 10 Gb FlexLOM

○ HPE ProLiant DL380 Gen10 with
  -2 CPU
  -4 10 Gb port NIC
  -1 dual port FC HBA
  -4 10 Gb FlexLOM

○ HPE ProLiant DL360 Gen10 with
  -1 CPU
  -4 10 Gb ports NIC
  -2 FC HBA
  -4 10 Gb FlexLOM
```

Which HPE ProLiant Server meets the customer's requirements?

A. Option A

B. Option B

C. Option C

D. Option D

**Correct Answer: B**
**Section:**

**QUESTION 42**
A customer requires an entry-level, all-flash system with predictable performance at the lowest possible price. They have performance-sensitive workloads that require speed and efficiency.
Which HPE storage system needs the customer's requirements?

A. Nimble CS1000

B. Nimble SFA

C. Nimble AF1000

D. Nimble AF5000

**Correct Answer: C**
**Section:**

**QUESTION 43**

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

**Correct Answer: B**
**Section:**

**QUESTION 44**
DRAG DROP
Match the feature to the lowest iLO5 license in which it is available

**Select and Place:**



**Correct Answer:**



**Section:**
**Explanation:**
Last - last
3-2
1-1
3-3

**QUESTION 45**
A small, expanding law firm wants to replace its single Windows server The server will be kept in their library without a rack. They want a server that allows for internal storage growth and is capable of adding PCI adapters.

Which HPE server model type should you recommend?

A. HPE BL
B. HPE XL
C. HPE DL
D. HPE ML

**Correct Answer: D**
**Section:**

**QUESTION 46**
A customer is moving a server from a co-location facility back into their existing data center to comply with new internal policies on data management Due to budget constraints, the customer cannot purchase any additional switches and will need to use an existing end-of-row design with HPE FlexFabric switches While the server will be installed six racks away from the switches, the total cable run with cable management Is expected to be 35 m.
Which component should be selected when designing the 10 Gbps connectivity option for the server?

A. QSFP28 Active Optical Cable
B. SFP+ 10G LC SR Transceiver
C. SFP+ Active Optical Cable
D. SFP+ Direct Attach Copper Cable
E. QSFP+ Active Optical Cable

**Correct Answer: A**
**Section:**

**QUESTION 47**
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 10Gbl |
| 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 |

| | | |
|---|---|---|
| ▼ ▬▬▬ HPE Modular Smart Array 2050/5... Q1J03A CTO | HPE MSA 2052 SAN Dual Controller SFF Storage | 1 |
| ▬▬▬ Disk Enclosure. #1 Q1J07A CTO | HPE MSA 2050 SFF Disk Enclosure | 3 |
| ▬▬▬ Disk Enclosure. #2 Q1J06A CTO | HPE MSA 2050 LFF Disk Enclosure | 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)

A. 48 SFF drives

B. 24 LFF drives

C. 12 SFF drives

D. 12 LFF drives

E. 24 SFF drives

**Correct Answer: C, E**
**Section:**

**QUESTION 48**
A customer needs to consolidate software, hardware, and backup in a single integrated solution to reduce the cost and complexity of their IT environment Which solution meets the customer needs?

A. HPE StoreEasy

B. HPE StoreOnce

C. HPE Apollo Server

D. HPE SimpliVity

**Correct Answer: D**
**Section:**

**QUESTION 49**
Which network protocol is used to build a loop-free logical topology for Ethernet networks?

A. SCSP

B. ECP

C. VLAN

D. STP

**Correct Answer: D**
**Section:**

**QUESTION 50**
A customer is subject to regulatory requirements and their data is highly sensitive.
Which HPE Smart Array feature addresses their need for an level of security for data stored inside their server?

A. Secure Encryption

B. SmartCache

C. Smart Battery backed-up write-cache

D. Rapid Parity Initialization

**Correct Answer: A**
**Section:**

**QUESTION 51**
Why is SNMPv2c considered to be insecure?

A. SNMPv2c agents only accept GET requests which match their read-only community string

B. SNMPv2c community strings are transmitted in clear text

C. SNMPv2c only allows the signing of the message payload

D. SNMPv2c agents only encrypt WRITE messages.

**Correct Answer: B**
**Section:**

**QUESTION 52**
A customer is implementing a redundant AD servers to support then lab environment .They have the following requirements
• four rack servers, each with 2 CPUs from AMD. at least 256GB of RAM. FC Dual Port hba
• HPE Nimble AF20 with 17TB useable capacity

• integration into their existing HEP FlexFabric 57io and HPE SN3000B Fibre Channel SAN switches. it the customer needs more capacity in the future, they will use scale-out growth Which server model should you recommend to this client?

A. ProLiant DL SGOGen10
B. ProLiant DL 360 Gen 10
C. Proliant DL 385 Gen10
D. ProLiant DL 325 Gen10

**Correct Answer: D**
**Section:**

**QUESTION 53**
HOTSPOT
A solution Integrator is installing new equipment to the rack Click the recommended location area for R3000 Gen5 UPS.

**Hot Area:**



**Answer Area:**

**Section:**
**Explanation:**

**QUESTION 54**
A client needs a data center network for a highly-virtualized server environment. They have the following requirements
• 25 Gb connectivity from the servers to the top-of-rack switches
• support for iSCSI storage
• lowest possible latency between their VM farms, which are contained In separate cabinets and connected to different top-of-rack switches within the data center
• support for Python script interpretation and open APIs
Which networking product line and architecture should you recommend?

A. ArubaOS-Swrtch configured in a spine/leaf architecture with 5406R switches at the spine and 2930M leaf switches
B. ArubaOS-CX configured in a spine/leaf architecture with 8325 switches at the spine and 8320 leaf switches utilizing VSX between cabinets
C. ArubaOS-CX configured in spine/leaf architecture with 8325 switches at the spine and leaf
D. HPE FlexFabicc configured in a traditional two-tier architecture with 5950 switches at the core and 5940 access switches configured using IRF stacks per cabinet

**Correct Answer: A**
**Section:**

**QUESTION 55**
When should you choose to populate a server with LRDlMMs?

A. when error correction is the most important factor
B. when price is the most important factor
C. when memory capacity is the most important factor
D. when memory speed is the most important factor

**Correct Answer: D**
**Section:**

**QUESTION 56**
Where would a customer go to run the SSD wear Gauge report on an HPE ProLiant server?

A. OneView Standard
B. UEFI System Bios
C. insight Diagnostics
D. Smart Storage Administrator

**Correct Answer: D**
**Section:**

**QUESTION 57**
DRAG DROP
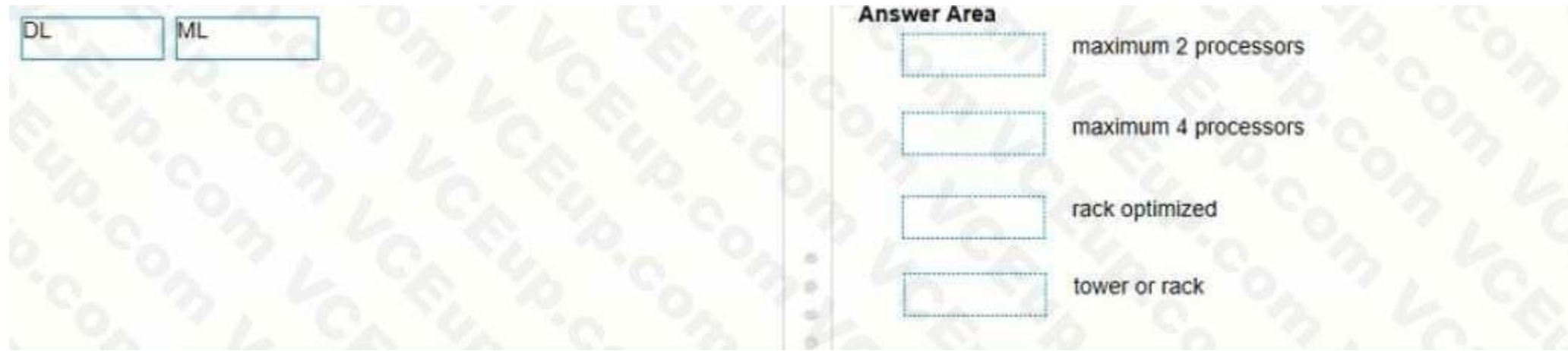Match the characteristic to the correct HPE ProLiant family.

**Select and Place:**



**Correct Answer:**

**Section:**
**Explanation:**
ML,DL,DL,ML

**QUESTION 58**
A customer with limited IT administration resources needs a complete HPE server, storage, and networking solution. The solution must be able to be deployed in an hour or less through a simple, wizard-based setup. They want to manage the HPE solution through a simple, integrated plug-in to vCenter, since their IT staff members are already familiar with vCenter.
Which HPE solution best meets the customer requirements?

A.  HPE ConvergedSystem 750
B.  HPE Proliant for Microsoft Azure Stack
C.  HPE Nimble Storage dHCI
D.  HPE OneView for VMware vCenter

**Correct Answer: A**
**Section:**
**Explanation:**
https://support.hpe.com/hpesc/public/docDisplay?docId=a00105348en_us&docLocale=en_US

**QUESTION 59**
For which virtualization management products does HPE OneView offer integration plug-ins1?
(Select two.)

A.  Nutanix Prism infrastructure Manager
B.  Red Hat Enterprise Virtualization Manager
C.  Microsoft System Center
D.  VMware vCenter
E.  Citrix XenCenter

**Correct Answer: C, D**
**Section:**

**QUESTION 60**
DRAG DROP
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.

**Select and Place:**

| 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 | **<** | |

**Correct Answer:**

| Steps | | Order |
|---|---|---|
| | | 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 |
| | **<** | Configure the bridge-aggregation interface with the desired VLANs within the bridge-aggregation interface |

**Section:**
**Explanation:**

**QUESTION 61**
A customer needs to add storage capacity to a host In a remote branch office. They have limited IT resources, so the solution requires ease of integration at a low price point Which HPE Storage family best meets these needs?

A. HPE D3000 Enclosure
B. HPE 3PAR StoreServ
C. HPE MSA Storage Array
D. HPE NimbIe Storage

**Correct Answer: C**
**Section:**

**QUESTION 62**
What is the process or writing data to two locations within a single array in real time?

A. replication

B. business continuity

C. data mirroring

D. clustering

**Correct Answer: C**
**Section:**