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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

Suggested Answer: C

Reference:

<https://h20195.www2.hpe.com/v2/GetPDF.aspx/4AA0-6064ENW.pdf>

Community vote distribution

C (100%)

🗲️ 👤 **Madwolf** 3 years ago

Selected Answer: C

HPE Apollo Servers

upvoted 3 times

🗲️ 👤 **MartiFC** 3 years, 1 month ago

Correct! If are a lot of GB or PT, always Apollllo!

upvoted 3 times

🗲️ 👤 **HafizBurhan** 4 years ago

HPE Apollo Servers

upvoted 4 times

Refer to the exhibit.

Qty	Product Description
1	HPE StoreOnce 3620 24TB System
1	HPE StoreOnce Encryption E-LTU
1	HPE 3Y Foundation Care 24x7 SVC
1	HPE StoreOnce 3620 24TB System Support

A customer has been using VEEAM and the HPE StoreOnce 3620 shown in the exhibit to backup their environment. The customer's legal team has asked to double their retention times for all backup sets, and they are starting to run out of space on the StoreOnce.

Which options could you recommend that the customer add to their existing configuration to accommodate the new requirement? Each option represents a separate solution. (Choose two.)

- A. HPE StoreOnce Cloud Bank Storage
- B. HPE StoreOnce 3620 24TB Capacity Upgrade Kit
- C. HPE StoreOnce Gen4 16Gb Fibre Channel Network Card
- D. HPE StoreOnce Gen4 10/25Gb SFP Network Card
- E. HPE D3710 Storage Enclosure

Suggested Answer: BD

Reference:


<https://www.hpe.com/uk/en/product-catalog/storage/disk-based-backup-systems/pip.specifications.hpe-storeonce-systems.1011014655.html>

Community vote distribution

AB (100%)

  **rjbb1111** 2 years, 8 months ago

Right Answer it is AB. Options C&D only response to communication speed and option E it's not compatible with StoreOnce
upvoted 1 times

  **CASK** 2 years, 10 months ago



Selected Answer: AB

A and B are the only logical answers.

An additional NIC does not expand the storage capacity. (By the way, on the page the answer suggests as correct answer, there is no 10/25Gb NIC)
upvoted 1 times

  **MartiFC** 3 years, 1 month ago

A and B is correct! @JamesDr is correct your explanation
upvoted 1 times

  **chrish13** 3 years, 3 months ago

This question was in the exams that I gave on 11th of March 2022.
upvoted 1 times

  **Creature** 3 years, 4 months ago

Selected Answer: AB

Checked quickspecs (<https://www.hpe.com/psnow/doc/c04328820.pdf>) and I agree that A and B likely correct.
upvoted 2 times

  **ohmyzilli** 3 years, 6 months ago

Selected Answer: AB

A and B ?

or

B and D ?

upvoted 2 times

  **UCorsu** 3 years ago


A and B sure

upvoted 1 times

  **rudyy** 3 years, 8 months ago

Agree. the answer must be A and B.

upvoted 2 times

  **JamesDr** 3 years, 9 months ago

A , B It asks for two seperate solutions. Cloudbank and local expansion

upvoted 3 times

A customer needs NFS access on a Fibre Channel array.

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

- A. StoreEver
- B. Storage File Controller
- C. Smart Array Controller
- D. StoreOnce RMC

Suggested Answer: B

Reference:

<https://h20195.www2.hp.com/v2/gethtml.aspx?docname=a00047729enw>

  **danijutt** 3 years ago

The answer is B.

upvoted 1 times

  **rudyy** 3 years, 8 months ago

the asnswer is B.

StoreEver : Tape Library

<https://www.hp.com/us/en/storage/storeever-tape-storage.html>

Storage File Controller: HPE Storage File Controllers are the fast and easy way to add High-Performance file services to the HPE array or SAN

https://support.hp.com/hpesc/public/docDisplay?docId=a00056212en_us&docLocale=en_US

Smart Array Controller: Physical RAID Controller

https://support.hp.com/hpesc/public/docDisplay?docLocale=en_US&docId=emr_na-a00039156en_us

StoreOnce RMC: HPE Recovery Manager Central for backup and recovery

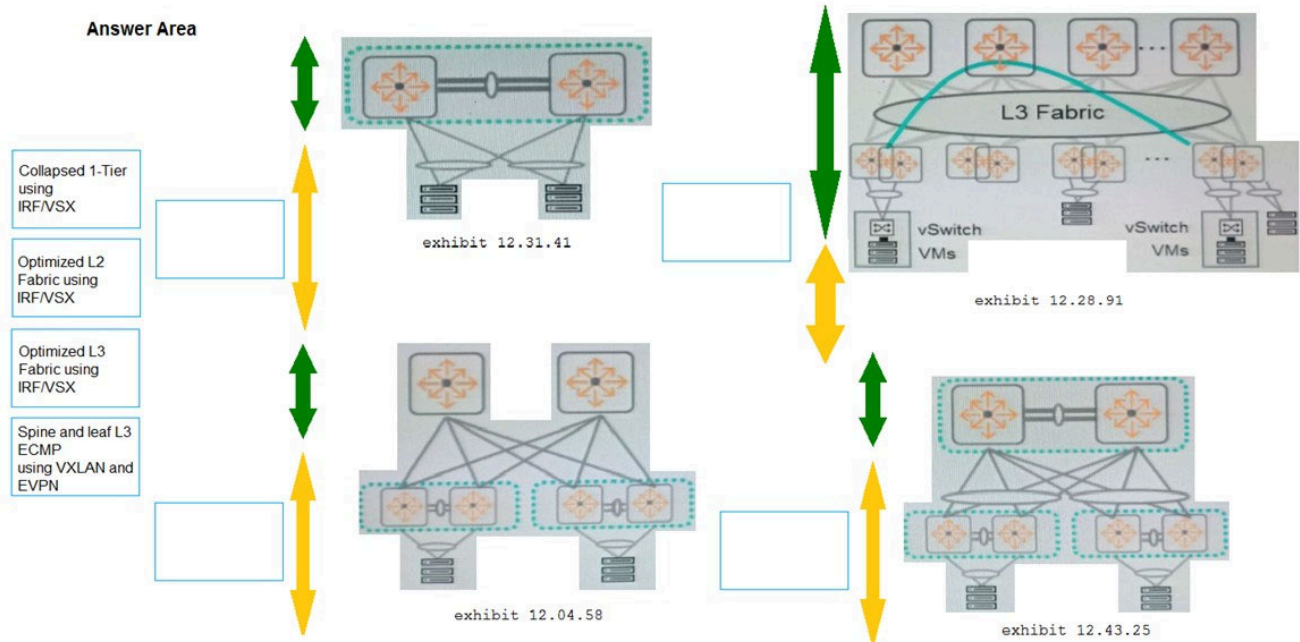
<https://www.hp.com/us/en/storage/rmc-backup.html>

upvoted 4 times

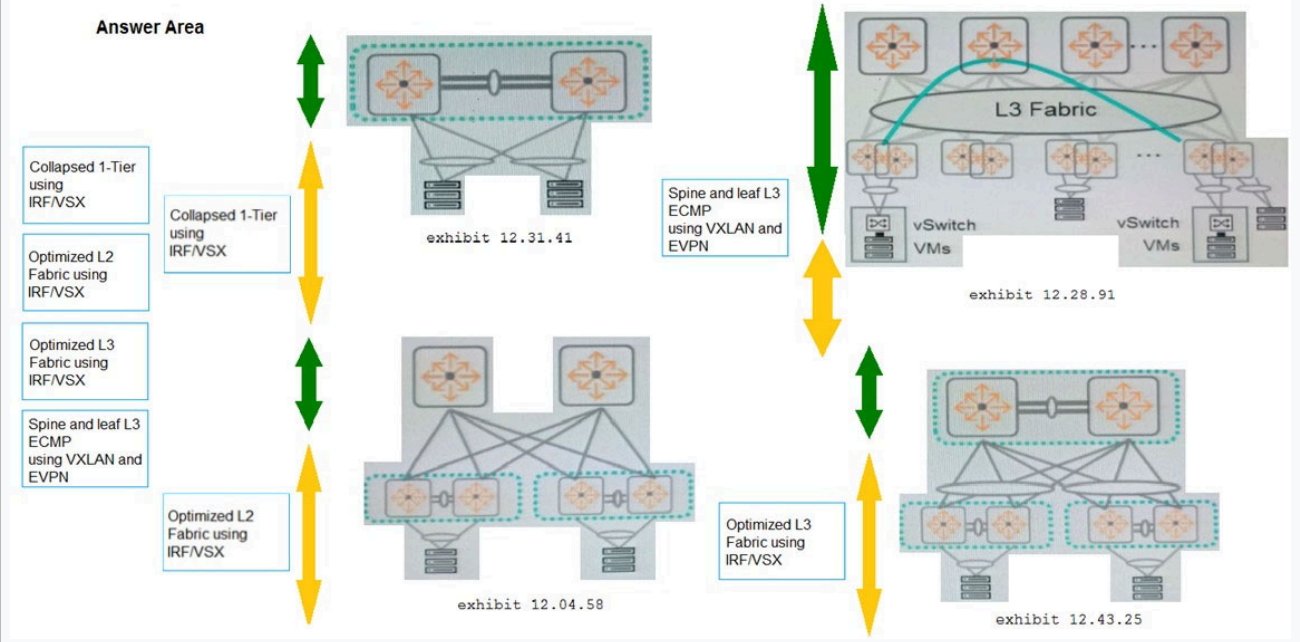
DRAG DROP -

Match each customer data center architecture to its network topology.

Select and Place:



Suggested Answer:



David_Le **Highly Voted** 4 years, 9 months ago

Collapsed 1-Tier | Spine&Leaf L3 ECMP

Optimized L3 Fabric | Optimized L2 Fabric

Reference: https://community.arubanetworks.com/aruba/attachments/aruba/unified-wired-wireless-access/91614/1/Data_Center_Networking.pdf
upvoted 9 times

CASK **Most Recent** 2 years, 10 months ago

please update your answer as suggested here. The answer is in the book: "Figure 3-11 Data center architectures"

Left-under is Optimized L3 Fabric IRF/VSX MLAG.

Right-under is Optimized L2 Fabric IRF/VSX MLAG

upvoted 2 times

🗄️ 👤 **UCorsu** 3 years ago

Collapsed 1-Tier | Spine&Leaf L3 ECMP
Optimized L3 Fabric | Optimized L2 Fabric
upvoted 1 times

🗄️ 👤 **danijutt** 3 years ago

Collapsed 1-Tier | Spine&Leaf L3 ECMP
Optimized L3 Fabric | Optimized L2 Fabric
upvoted 1 times

🗄️ 👤 **rudyy** 3 years, 8 months ago

Collapsed 1-Tier | Spine&Leaf L3 ECMP
Optimized L3 Fabric | Optimized L2 Fabric

<https://community.arubanetworks.com/HigherLogic/System/DownloadDocumentFile.ashx?DocumentFileKey=0ef1bbec-e135-4c1f-a8af-2c9d25650623&forceDialog=0>

Page 19 & Page 20

upvoted 1 times

🗄️ 👤 **eshesh** 4 years, 9 months ago

Optimized L2 and L3 is switched around.
upvoted 4 times

🗄️ 👤 **xxd** 4 years, 11 months ago

Es 1/ L3VX
L3 / L2 (ya que en el 2 los cores van conectados)
upvoted 2 times

What is the correct cable type to use when connecting a pair of switches using Long Range (LR) Transceivers?

- A. Direct Attach Cable (DAC)
- B. Twin-Ax
- C. Single Mode Fiber
- D. Multi-mode Fiber

Suggested Answer: *C*

Single-mode uses a single relatively straight beam of light, transmitted directly through a core of glass (or occasionally plastic) that's usually 50 microns across.

Single-mode accommodates large power levels, and is almost exclusively used for Long Range (LR) applications.

Reference:

<https://info.hummingbirdnetworks.com/blog/answering-your-frequently-asked-questions-about-different-types-of-10-gigabit-cisco-sfp-units>

🗨️ 👤 **sontung** 2 years, 10 months ago

C. Single Mode Fiber

upvoted 1 times

When is it appropriate for a customer to implement HPE OneView Standard?

- A. To manage multiple servers
- B. To monitor their services
- C. To enable the Advanced iLO license
- D. To update firmware


Suggested Answer: B

Reference:

<https://h20195.www2.hp.com/v2/GetPDF.aspx/c04111367.pdf>


Community vote distribution

B (100%)

 **BrotherOrlin** Highly Voted 3 years, 4 months ago

Selected Answer: B

Oneview Standard doesn't allow management
upvoted 5 times

 **juanperez2022** Most Recent 2 years, 9 months ago

Answer is A "HPE OneView Standard licensing delivers monitoring, inventory management and reporting for HPE BladeSystem and ProLiant BL, DL, XL, and ML servers"
upvoted 1 times

 **danijutt** 3 years ago

For HPE OneView Standard
Anwer is B monitor
For HPE OneView Advance you can manage
upvoted 1 times

 **rudyy** 3 years, 8 months ago

tricky answer :)
vote for B.

- A. To manage multiple servers
- B. To monitor their services <-- to MONITOR

https://www.hp.com/psnow/doc/c04111367.pdf?jumpid=in_lit-psnow-getpdf

HPE OneView Standard Can be used for inventory, health monitoring, alerting, and reporting without additional fees. HPE OneView Standard can monitor G6, G7, Gen8, Gen9, Gen10, and Gen10 Plus servers. The user interface is similar to the HPE OneView Advanced version, but the software-defined functionality is not available. An annual 9x5 support offering is available for additional fee.

the description always mention MONITOR, not MANAGE.
upvoted 4 times

 **cgelonch** 4 years ago

I think that B is the correct answer...

HPE OneView Standard can monitor G6, G7, Gen8, Gen9, Gen10, and Gen10 Plus servers. The user interface is similar to the HPE OneView Advanced version, but the software-defined functionality is not available.
upvoted 1 times

 **portabrothers** 4 years ago

HPE OneView takes a template-driven approach for deploying, provisioning, updating, and integrating compute, storage, and networking infrastructure

A

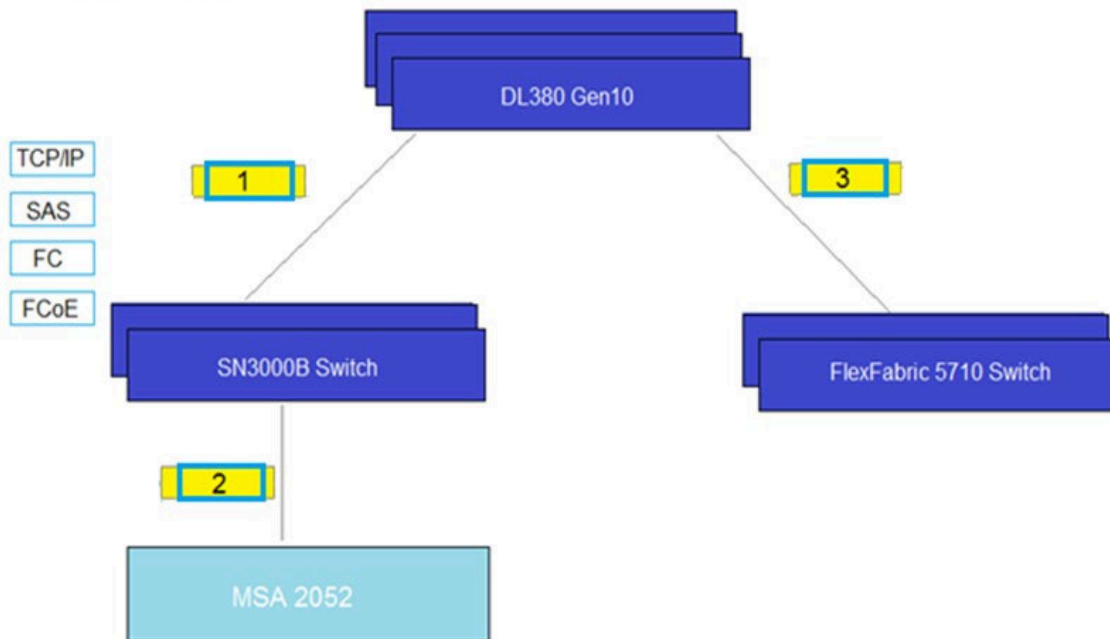
upvoted 4 times

DRAG DROP -

Drag the correct protocols from the left to their appropriate area on the topology.

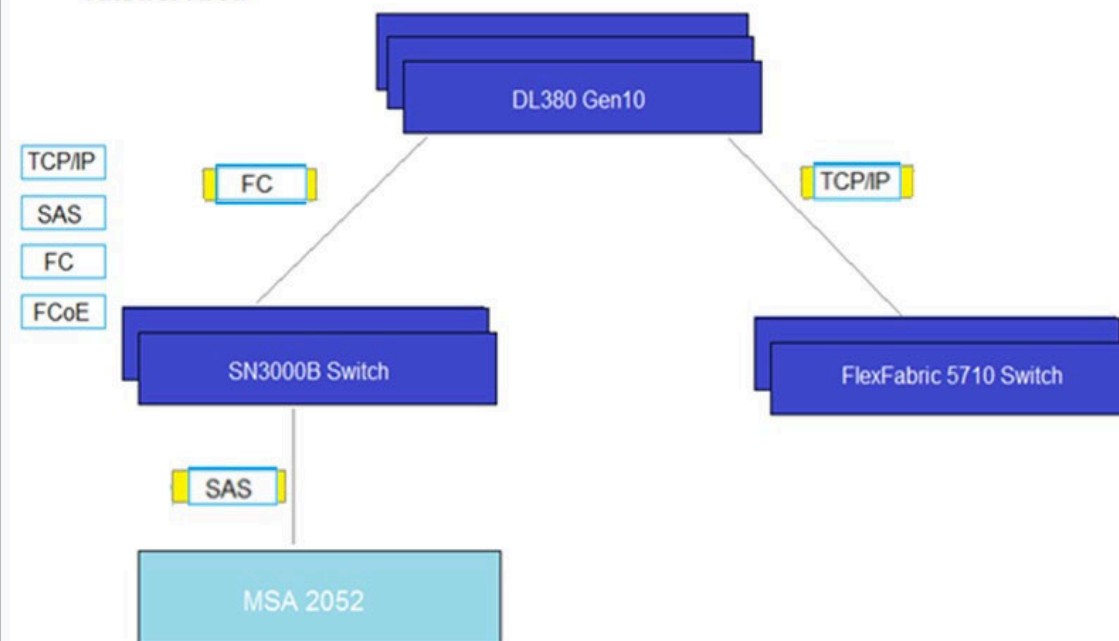
Select and Place:

Answer Area



Suggested Answer:

Answer Area



David_Le **Highly Voted** 4 years, 9 months ago

FC for 1 & 2, TCP/IP for 3.

upvoted 18 times

CASK **Most Recent** 2 years, 10 months ago

FC for 1 and two, TCP/IP for 3. Please update your answer, the SN3000B switch does not talk 'SAS'

upvoted 3 times

UCorsu 3 years ago

FC | TCP/IP

FC

upvoted 3 times

🗨️ 👤 **portabrothers** 4 years ago

HPE SN300B switch is a FC switch, so the connection is only in FC for SN3000B and MSA 2052; HPE FlexFabric 5710 is GbE switch, so the only answer is TCPIP

FC for 1 & 2; TCPIP for 3

upvoted 2 times

🗨️ 👤 **Orlando_ST** 4 years, 3 months ago

FC for 1 & 2, TCP/IP for 3. Because SN3000B is FC SAN switch..HPE SN3000B 16Gb 24-port/24-port Active Fibre Channel Switch...

upvoted 3 times

🗨️ 👤 **Ddavila** 4 years, 10 months ago

2 es FC, 3 TCP/IP y el 1 FCoE

upvoted 2 times

🗨️ 👤 **David_Le** 4 years, 9 months ago

Both SN3000B and MSA 2052 don't support the FCoE connection.

upvoted 2 times

🗨️ 👤 **dedodody** 5 years ago

1- FC as SN3000b is SAn Switch 16GB fc ports

upvoted 1 times

You are creating a configuration for a new Nimble HF40 array.

Which tool should you use to ensure that you include adequate cache in the configuration?

- A. HPE NinjaSTARS
- B. HPE Storage Sizer
- C. HPE OneView
- D. HPE SPOCK

Suggested Answer: A

Community vote distribution

A (100%)

🗨️ 👤 **MartiFC** 3 years, 1 month ago

Selected Answer: A

Correct! Answer is A

upvoted 2 times

🗨️ 👤 **rudyy** 3 years, 8 months ago

Correct Answer is A. HPE NinjaSTARS

NinjaSTARS is an interactive storage-sizing tool for HPE's Primera, Nimble, 3PAR and StoreOnce product lines.

<https://saf.hpe.com/safdesktop/info/findit/index.php>

<https://community.hpe.com/t5/Array-Performance-and-Data/Nimble-Storage-Sizing-Tool/td-p/7008101#.YXcCsZpBzrc>

upvoted 1 times

DRAG DROP -

Match each characteristic to the appropriate RAID level.

Select and Place:

Answer Area

RAID level		Characteristic
Raid0	<input type="text"/>	double parity striped across all disks
Raid1	<input type="text"/>	if one disk fails, all data is lost
Raid5	<input type="text"/>	requires a minimum of 3 disk drives
Raid6	<input type="text"/>	requires 50% of raw capacity for fault protection

Answer Area

	RAID level		Characteristic
Suggested Answer:	Raid0	Raid6	double parity striped across all disks
	Raid1	Raid0	if one disk fails, all data is lost
	Raid5	Raid5	requires a minimum of 3 disk drives
	Raid6	Raid1	requires 50% of raw capacity for fault protection

 **rudyy** 3 years, 8 months ago

RAID0 : if one disk fails, all data is lost.

RAID1: requires 50% of RAW capacity for fault protection

RAID5: requires a minimum of 3 disk drives

RAID6: double parity striped across all disks

upvoted 4 times

A customer needs a single, dual-processor server for an Enterprise Resource Planning solution for a single office. The customer application uses a mix of HDDs and SSDs and up to 3TB of RAM.
Which HPE Solution should you propose?

- A. HPE Synergy Solution
- B. HPE Apollo 2000 Server
- C. HPE ML350 Gen10
- D. HPE ML110 Gen10

Suggested Answer: B

Reference:

<https://h20195.www2.hpe.com/V2/GetPDF.aspx/4AA0-8758ENW.pdf>

Community vote distribution



C (100%)

  **David_Le**  4 years, 9 months ago

ML350 is the correct choice. Apollo 2000 Server is not suitable because it isn't a single-server solution, and it supports up to 2TB RAM only.
upvoted 14 times

  **aztec343** 4 years, 6 months ago



ML350 only supports 1.5TB of RAM, so cannot be that.
upvoted 1 times

  **Djj** 4 years, 5 months ago

Check it again it supports 3TB
upvoted 6 times

  **EYE**  4 years, 11 months ago



should be C
upvoted 7 times

  **Kay02** 4 years, 10 months ago

The apollo 2x00 does not sound right:
<https://h20195.www2.hpe.com/v2/getdocument.aspx?docname=a00019876enw>
upvoted 4 times



  **sontung**  2 years, 10 months ago

ML350 Gen10 support Maximum capacity (LRDIMM) = 3TB and Maximum capacity (RDIMM) =1.5TB. Single. storage support max 24 HDD/SSD 2.5". I agree with the answer is C.
upvoted 3 times

  **CASK** 2 years, 10 months ago

 **Selected Answer: C**

ML350 is a single server and fits the specs.
upvoted 1 times

  **karlc455** 2 years, 11 months ago

 **Selected Answer: C**

https://support.hpe.com/hpsc/public/docDisplay?docId=a00036757en_us&docLocale=en_US should be C
upvoted 1 times

  **UCorsu** 3 years ago

The good answer is answer C

The question start with " a single server" and the ML350 support 3TB RAM. It's the best answer
upvoted 2 times

  **MartiFC** 3 years, 1 month ago

Answer C, for sure
upvoted 2 times

🗨️ 👤 **iomd** 3 years, 3 months ago

Selected Answer: C

Not the apollo ,for sure
upvoted 1 times

🗨️ 👤 **iomd** 3 years, 3 months ago

ML350, for sure
upvoted 1 times

🗨️ 👤 **chrish13** 3 years, 3 months ago

Selected Answer: C

That's what is in the documentation.
upvoted 1 times

🗨️ 👤 **edwardd** 3 years, 4 months ago

ML350 Gen10
upvoted 1 times

🗨️ 👤 **hkah3ks** 3 years, 5 months ago

Selected Answer: C

https://support.hpe.com/hpesc/public/docDisplay?docId=a00036757en_us&docLocale=en_US should be C
upvoted 1 times

🗨️ 👤 **Cabanon** 3 years, 6 months ago

think is C
upvoted 1 times

🗨️ 👤 **ohmyzilli** 3 years, 6 months ago

Selected Answer: C

Apollo 2TB maximum
upvoted 1 times

🗨️ 👤 **Orlando_ST** 4 years, 3 months ago

HPE ProLiant ML350 Gen10 server Maximum Memory3.0 TB with 128 GB DDR4 DIMM
upvoted 3 times

🗨️ 👤 **Overfin** 4 years, 8 months ago

because if it is the correct one. don't they change it?
upvoted 2 times



What should you configure to limit the scope of broadcast domains in an Ethernet network?

- A. Trunks
- B. VSAN
- C. Static ARP
- D. VLAN

Suggested Answer: *D*

Reference:

<https://assets.ext.hpe.com/is/content/hpedam/documents/a00069000-9999/a00069468/a00069468enw.pdf>

  **sontung** 2 years, 10 months ago

The correct answer is D

upvoted 2 times

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

Suggested Answer: D

Reference:

https://support.hpe.com/hpesc/public/docDisplay?docId=mmr_kc-0102233

Community vote distribution

D (100%)

🗉 👤 **InfinityAltairs** 2 years, 9 months ago

Selected Answer: D

Per the Study Guide pg132

Access ports are ports that carry untagged frames inside the network, while trunk ports carry multiple VLANs.

upvoted 1 times

DRAG DROP -

A customer is considering an upgrade of their networking infrastructure with HPE FlexFabric 5940 series switches.

Match the fan tray option with the airflow direction.

Select and Place:

Answer Area

	<input type="text"/>	HPE 58x0AF Power-to-Port Airflow Fan Tray
Front to back	<input type="text"/>	HPE 58x0AF Port-to-Power Airflow Fan Tray
Back to front	<input type="text"/>	HPE X711 Port-to-Power Airflow High Volume Fan Tray
	<input type="text"/>	HPE X712 Power-to-Port Airflow High Volume Fan Tray

Answer Area

Suggested Answer:

	Back to front	HPE 58x0AF Power-to-Port Airflow Fan Tray
Front to back	Front to back	HPE 58x0AF Port-to-Power Airflow Fan Tray
Back to front	Front to back	HPE X711 Port-to-Power Airflow High Volume Fan Tray
	Back to front	HPE X712 Power-to-Port Airflow High Volume Fan Tray

 **rootkit** 2 years, 10 months ago

Back to Front

Front to Back

Front to Back

Back to Front

upvoted 1 times

 **UCorsu** 3 years ago

The answer is :

B to F

F to B

F to B

B to F

upvoted 2 times

 **rudyy** 3 years, 8 months ago

agree with the answer.

1. Back to front

<https://buy.hpe.com/us/en/options/fans-fan-options/networking-fans-fan-options/switch-fan-assemblies/hpe-switch-fan-assemblies/hpe-58x0af-back-power-side-to-front-port-side-airflow-fan-tray/p/JC682A>

2. Front to back

<https://buy.hpe.com/us/en/options/fans-fan-options/networking-fans-fan-options/switch-fan-assemblies/hpe-switch-fan-assemblies/hpe-58x0af-front-port-side-to-back-power-side-airflow-fan-tray/p/JC683A>

3. Front to back.

<https://buy.hpe.com/us/en/options/fans-fan-options/networking-fans-fan-options/switch-fan-assemblies/hpe-switch-fan-assemblies/hpe-x711-front->

port-side-to-back-power-side-airflow-high-volume-2-fan-tray/p/JH388A

4. Back to front

<https://buy.hpe.com/us/en/options/fans-fan-options/networking-fans-fan-options/switch-fan-assemblies/hpe-switch-fan-assemblies/hpe-x712-back-power-side-to-front-port-side-airflow-high-volume-fan-tray/p/JG553A>

upvoted 4 times

You are validating a configuration prior to quoting it for the customer. You plan to propose the following configuration:

- ⇒ Two HPE DL380 Gen10 servers with dual processors, 256GB of memory, dual 10Gb NICs, SN1100Q 16Gb dual port FC HBA, dual 800W power supplies, and high temperature fan kit
- ⇒ HPE Nimble HF20H with 11TB storage, 960GB of cache, dual port 10GbE NIC, and 16Gb dual port FC adapter kit
- ⇒ Two SN3000B FC Switches

Which tool should you use to verify firmware compatibility between the storage and server components in this proposed solution?

- A. HPE NinjaSTARS
- B. HPE One Configuration Advanced
- C. HPE OneView Advanced
- D. HPE SPOCK

Suggested Answer: D

🗨️ 👤 **edwardd** Highly Voted 3 years, 4 months ago

HPE SPOCK is a correct answer
upvoted 7 times

🗨️ 👤 **MartiFC** Most Recent 3 years, 1 month ago

For Firmware matrix, answer is HPE SPOCK
upvoted 3 times

🗨️ 👤 **shako** 3 years, 3 months ago

HPE One Configuration Advanced should be the correct answer
upvoted 1 times

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

Suggested Answer: C

🗨️ **DelHQ** Highly Voted 4 years, 9 months ago

C is correct, all the others should form a LAG. System priority is used in determining which switch controls the LAG port membership.
upvoted 7 times

🗨️ **portabrothers** Highly Voted 4 years ago

If LACP is not configured as Active on at least one end of a link, the port does not try to detect a trunk configuration and operates as a standard, untrunked port.

https://techhub.hpe.com/eginfolib/networking/docs/switches/RA/15-18/5998-8161_ra_2620_mcg/content/ch04s07.html

Passive and Passive ----> C

upvoted 6 times

🗨️ **Murdock_MC** Most Recent 2 years, 4 months ago

Well, passive - passive wouldn't work and that's what is being asked. (What describes the situation!)
upvoted 1 times

🗨️ **UCorsu** 3 years ago

The correct answer is C Passive - Passive
upvoted 1 times

🗨️ **torick07** 3 years, 5 months ago

my Answer is C
upvoted 2 times

🗨️ **Orlando_ST** 4 years, 3 months ago

Passive/Passive will work...Active in LACP means if the device is asking if other member will participate in LAG...passive is NOT asking to other members..C for me..
upvoted 3 times

🗨️ **guts** 4 years, 4 months ago

in LACP it's enough that one port is active to form the aggregation, so passive passive never will form an aggregation link
upvoted 2 times

🗨️ **Overfin** 4 years, 8 months ago

because if it is the correct C. don't they change it?
upvoted 2 times

🗨️ **David_Le** 4 years, 9 months ago

My choice is C.

"A port in a passive mode cannot set up a port channel (LAG group) with another port in a passive mode."

upvoted 4 times

🗨️ **FakirCZ** 4 years, 10 months ago

Well, passive - passive wouldn't work either.

upvoted 4 times

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

Suggested Answer: B

🗳️ 👤 **LaCruzconFlores** Highly Voted 4 years, 10 months ago

B answer

upvoted 15 times

🗳️ 👤 **David_Le** 4 years, 9 months ago

I think so.

upvoted 3 times

🗳️ 👤 **JSandford27** 4 years, 9 months ago

C does offload but uses its own storage which is what the question does not ask for

upvoted 3 times

🗳️ 👤 **ChadA** Highly Voted 4 years, 8 months ago

B is Correct. The question says "utilize existing storage" which HPE Storage Performance File Controller can do with the Nimble.

upvoted 6 times

🗳️ 👤 **juanperez2022** Most Recent 2 years, 9 months ago

Answer is B "The HPE Storage Performance File Controller (Q9D44A) is designed to connect to HPE 3PAR StoreServ and Nimble Storage arrays and other larger SAN environments"

upvoted 1 times

🗳️ 👤 **mvni** 4 years, 9 months ago

i would choose c. offload the file sharing workload.

upvoted 1 times

Refer to the exhibit.

```
172.16.5.1 - PuTTY
K11-S14-A: admin> portshow 0/0/1
portIndex:      1
portName: port1
portHealth:     Fabric vision license not present. Please install the license and retry the operation.

Authentication: None
portDisableReason: None
portCFlags: 0x1
portFlags: 0x20b03 PRESENT ACTIVE F_PORT G_PORT U_PORT LOGICAL_ONLINE LOGIN NOELP ACCEPT FLOGI
LocalSwcFlags: 0x0
portType: 18.0
POD Port: Port is licensed
portState: 1 Online
Protocol: FC
portPhys: 6 In_Sync  portScn: 32  F_Port
port generation number: 0
state transition count: 1

portId: 010100
portIfId: 43020015
portWwn: 20:01:c4:f5:7c:b3:25:e1
portWwn of device(s) connected:
    56:c9:ce:90:20:50:68:01
Distance: normal
portSpeed: N8Gbps


Credit Recovery: Inactive
Aoq: Inactive
FAA: Inactive
F_Trunk: Inactive
LE domain: 0
Peer beacon: Off
```

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

Suggested Answer: D

 **sontung** 2 years, 10 months ago

Suggested Answer: D

upvoted 4 times

An HPE customer wants to perform a simplified update of firmware and drivers among their 100 HPE Gen9 and Gen10 racked servers. Which HPE software tool should the customer use to minimize the time required to perform this activity.

- A. HPE Smart Update Manager
- B. HPE OneView Standard
- C. HPE ProLiant Support Pack
- D. HPE iLO Amplifier Pack

Suggested Answer: D

- 🗳️ 👤 **rvaldivieso** Highly Voted 4 years, 10 months ago
iLO Amplifier Pack
upvoted 17 times
- 🗳️ 👤 **thejonny** 4 years, 9 months ago
Correct
upvoted 2 times
- 🗳️ 👤 **Aune** Most Recent 2 years, 9 months ago
SUM integrations with HPE OneView and HPE iLO Amplifier Pack allow firmware, driver, and system software updates from within HPE OneView and HPE iLO Amplifier pack.
upvoted 1 times
- 🗳️ 👤 **Wasabi97** 3 years, 11 months ago
It is "D". Pls change the answer.
upvoted 3 times
- 🗳️ 👤 **sashagr** 4 years, 4 months ago
May be A. HPE OneView and iLO Amplifier Pack use The Smart Update Tools (SUT) to stage and apply updates automatically
upvoted 2 times
- 🗳️ 👤 **UCorsu** 3 years ago
It can't be A. Because A is Oneview Standard and Oneview standard can't manage (maintain firmware) a server, only monitoring. If you want to manage server, you have to purchase a Oneview Advanced licence
upvoted 3 times
- 🗳️ 👤 **Ilikebi9but7** 4 years, 8 months ago
It's D , SUM only supports up to 70
upvoted 3 times
- 🗳️ 👤 **Djj** 4 years, 7 months ago
It's not D either that support only 50 server
upvoted 1 times
- 🗳️ 👤 **ShaunSong** 4 years, 3 months ago
iLO Amplifier can support as many as 10,000 servers in a single instance.
from: https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00029513en_us#N10018
upvoted 2 times
- 🗳️ 👤 **ShaunSong** 4 years, 3 months ago
sorry i have to recall last commant...
How many active firmware updates can iLO Amplifier Pack deploy at one time?
iLO Amplifier Pack can update a maximum of 50 servers simultaneously.
- I am not really sure now
upvoted 1 times
- 🗳️ 👤 **Overfin** 4 years, 8 months ago
Because if it is the correct one, it is D. Do they change it?

upvoted 2 times

A customer wants to install an HPE Proliant server that has a single dual port 10Gb NIC.

Which NIC feature should you introduce to allow each 10Gb port to be seen as four individual adapters in the operating system?

- A. NPAR
- B. RoCE
- C. FCoE
- D. RDMA

Suggested Answer: A

Reference:

<https://h20195.www2.hpe.com/V2/getpdf.aspx/c04312719.pdf?ver=12>

🗨️ 👤 **sontung** 2 years, 10 months ago

Correct Answer: A

upvoted 2 times

🗨️ 👤 **Creature** 3 years, 5 months ago

Correct - from linked PDF ... up to four "Physical Function" NICs per port, in increments of 100 Mb/s for NIC

upvoted 3 times

🗨️ 👤 **BrotherOrlin** 3 years, 4 months ago

User configurable bandwidth settings when combined with the 20 Gb Flex-20 Virtual Connect module or using NPAR. From 100 Mb/s to 20 Gb/s on up to four "Physical Function" NICs per port, in increments of 100 Mb/s for NIC. The combined bandwidth of NICs cannot exceed port bandwidth i.e. 10 Gb.

upvoted 1 times

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

Suggested Answer: C

  **angyss** Highly Voted 4 years, 9 months ago

C. Storage sizing tool, you can export a BOM and it will help you size usable storage capacity. In OCA you create a BOM but no usable capacity
upvoted 14 times

  **ChadA** 4 years, 8 months ago

C Sizing Tool. I found this PDF about the Storage Sizing tool that discusses items including BOM and Usable capacity.

<https://h20195.www2.hp.com/V2/GetDocument.aspx?docname=a00060223enw#>

upvoted 3 times

  **Zinou69** Highly Voted 4 years, 11 months ago

D. OCA

upvoted 5 times

  **David_Le** 4 years, 9 months ago

OCA can build the BoM, but it can't help you to determine the total usable capacity. The storage sizing tool is the correct answer.

upvoted 2 times

  **romandrigo** Most Recent 4 years, 3 months ago

NinjaStar Online for MSA

check this link <https://saf.hp.com/safdesktop/info/findit/index.php>

Answer B.

upvoted 1 times

  **nickpl** 4 years, 8 months ago

Guys you all confused Storage Sizing Tool with Storage Sizer tool. NinjaSTARS is one of the Storage sizing tool and the actual correct answer.

NinjaSTARS uses a flow-based approach in the following sequence:

1. Gather configuration and sizing requirements. (in other words will help you choose a storage solution from nimble/storeonce/3par/primer)
2. Interactively customize the target storage system (you can input a desired usable capacity)
3. Select licensing and software components for final config
4. Generate BOM for selected config

Cheers



upvoted 2 times

  **Terryz** 4 years, 8 months ago

You're right, but what about the MSA in NinjaSTARS?

Correct answer is Sizing Tool

upvoted 6 times

  **Overfin** 4 years, 8 months ago

Because if it is the correct one, it is C. Do they change it?

upvoted 1 times

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

Suggested Answer: C

Reference:

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

Community vote distribution

C (100%)

🗨️ 👤 **InfinityAltairs** 2 years, 9 months ago

Selected Answer: C

Confirmed on Study Guide pg187 in the HPE MSA Storage section.

upvoted 1 times

🗨️ 👤 **sontung** 2 years, 10 months ago

Correct answer: C

Advanced Virtualized Features.

refer:https://www.hpe.com/psnow/doc/a00005875enw.html?jumpid=in_pdp-psnow-qs

upvoted 1 times



A customer requires a management solution that will provide email notifications if hardware errors occur on their servers. Which management solution provides this functionality?

- A. UEFI System Configuration
- B. iLO Advanced Edition
- C. HPE SUM
- D. HPE SUT

Suggested Answer: B

Reference:

https://support.hpe.com/hpesc/public/docDisplay?docLocale=en_US&docId=emr_na-a00026111en_us

  **sontung** 2 years, 10 months ago

Sure answer is B

upvoted 1 times

  **rudyy** 3 years, 8 months ago

agree, the answer is B. iLO

https://support.hpe.com/hpesc/public/docDisplay?docLocale=en_US&docId=emr_na-a00026111en_us#N11E72

iLO AlertMail enables user to configure iLO to send alert conditions detected independently of the host operating system to one or more email addresses. iLO AlertMail messages include major host system events that appear in the IML. For example, if a fan failure occurs, an event is recorded in the IML and an email message with the details is sent to the configured email addresses.

upvoted 4 times

DRAG DROP -

Match each adapter to its characteristic.

Select and Place:


Answer Area

Adapter		Characteristic
FlexLOM	<input type="text"/>	provide RAID configuration using disks internal to the server
FlexFabric	<input type="text"/>	allow choice of network interface on the motherboard
Smart Array	<input type="text"/>	connect to native Fibre Channel SAN with a PCIe adapter
HBA	<input type="text"/>	connect to a Fibre Channel over Ethernet (FCoE) SAN environment with a PCIe adapter

Answer Area

Suggested Answer:

Adapter		Characteristic
FlexLOM	Smart Array	provide RAID configuration using disks internal to the server
FlexFabric	FlexLOM	allow choice of network interface on the motherboard
Smart Array	HBA	connect to native Fibre Channel SAN with a PCIe adapter
HBA	FlexFabric	connect to a Fibre Channel over Ethernet (FCoE) SAN environment with a PCIe adapter

 **sontung** 2 years, 10 months ago

FlexLOM==> allow choice of network interface on the motherboard

FlexFabric: Connect to a Fiber Channel over Ethernet SAN environment with a PCIe adapter

Smart Array: provide RAID configuration using disks internal server

HBA: connect to native Fiber Channel SAN with a PCIe adapter

upvoted 4 times

 **MartiFC** 3 years, 1 month ago

Isn't correct!!!! Is Smart Array, FlexLOM, HBA and FlexFabric

how can you say it's right? Please don't fool people

upvoted 2 times

 **krinie** 3 years, 10 months ago

Correct

upvoted 1 times

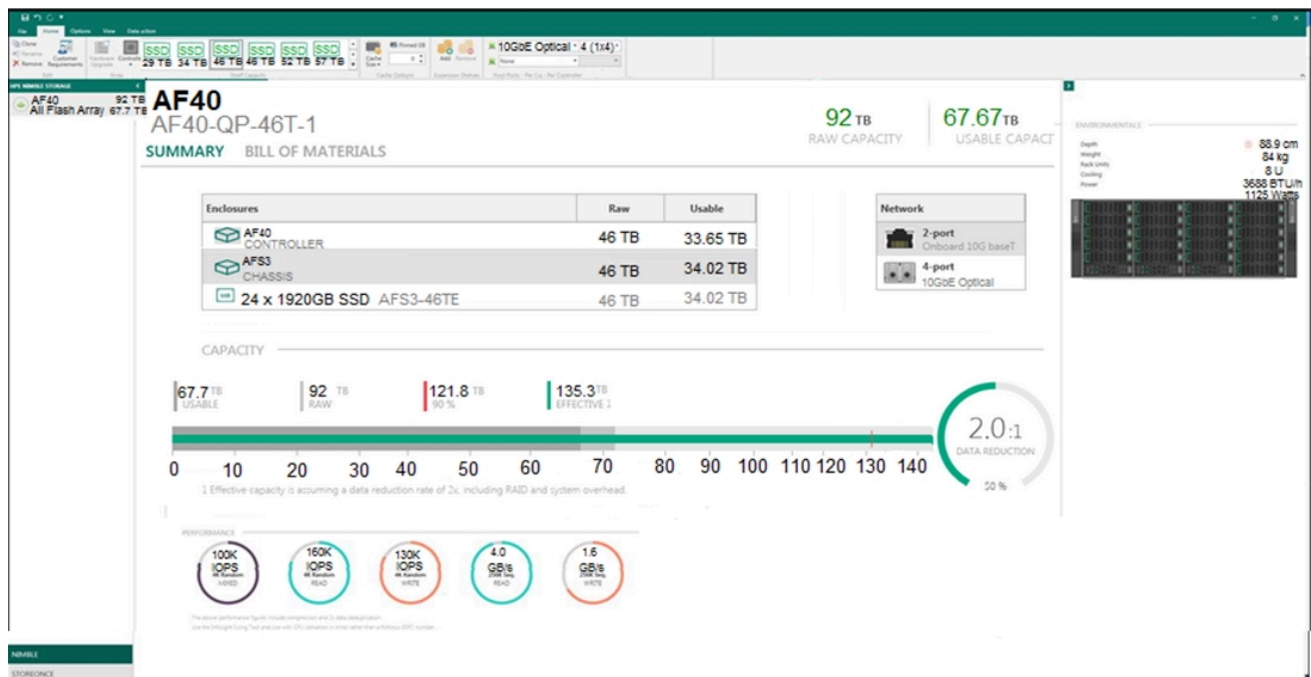
 **HafizBurhan** 4 years ago

Yes.

Correct Answer

upvoted 1 times

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.

Suggested Answer: D

Community vote distribution

B (100%)

hoshgo Highly Voted 4 years, 11 months ago

B, SN6000B is FC
upvoted 19 times

rjbb1111 Most Recent 2 years, 8 months ago

SN6000B it is a SAN switches with speed up to 16Gbps.
upvoted 1 times

pembokatx 3 years ago

Selected Answer: B

B, the current network interface is Base-T, while the storage will be connected to a san switch
upvoted 2 times

fabytechs 3 years ago

B is FC
upvoted 1 times

ucbu 3 years, 2 months ago

Selected Answer: B

As others have said, SN6000B is a FC SAN switch
upvoted 1 times

🗨️ 👤 **iomd** 3 years, 3 months ago

B, SN6000B is a FC switch.

upvoted 2 times

🗨️ 👤 **Dentistguba** 3 years, 4 months ago

Selected Answer: B

As below, only need FC connectivity to make this work

upvoted 3 times

🗨️ 👤 **Cabanon** 3 years, 6 months ago

B, because FC

upvoted 3 times

🗨️ 👤 **rudyy** 3 years, 8 months ago

B is correct

SN6000B switches is a FC San Switch

Nimble AF40: Host interface Each array controller has 2 x 10GbE ports built in. Optional ports are 1GbaseT, 10GbaseT, or 10GbE SFP+, or 8/16G Fibre Channel. (https://www.insight.com/en_US/shop/product/Q8H41A/HEWLETT+PACKARD+ENTERPRISE/Q8H41A/HPE-Nimble-Storage-All-Flash-AF40-Base-Array---flash-storage-array/)

Nimble HF60: Host Interface Fibre Channel and iSCSI network connectivity (https://buy.hpe.com/emea_europe/en/storage/disk-storage-systems/nimble-storage-arrays/nimble-storage-adaptive-flash-arrays/hpe-nimble-storage-adaptive-flash-arrays/hpe-nimble-storage-hf60-adaptive-dual-controller-10gbase-t-2-port-configure-to-order-base-array/p/Q8H40A)

Nimble HF20H: Host Interface Fibre Channel and iSCSI network connectivity (<https://buy.hpe.com/uk/en/storage/disk-storage-systems/nimble-storage-arrays/nimble-storage-adaptive-flash-arrays/hpe-nimble-storage-adaptive-flash-arrays/hpe-nimble-storage-hf20h-adaptive-dual-controller-10gbase-t-2-port-configure-to-order-base-array/p/Q8H71A>)

upvoted 2 times

🗨️ 👤 **DanishGBM** 3 years, 8 months ago

Guys!! Whats the Answer ???

upvoted 1 times

🗨️ 👤 **Uwe1** 4 years, 1 month ago

B is the correct answer

upvoted 2 times

🗨️ 👤 **Overfin** 4 years, 8 months ago

Because if it is the correct one, it is B. Do they change it?

upvoted 2 times

🗨️ 👤 **David_Le** 4 years, 9 months ago

Change the 10GbE Optical ports to Fibre Channel, because SN6000B is a Fibre Channel SAN Switch.

upvoted 3 times

A customer has requested that you provide them with an architecture and bill-of-materials for a stack of top-of-rack switches. The customer has 34 HPE DL360 servers in the rack, each with four 1GBASE-T Ethernet ports which need to be connected to the network. The customer is upgrading 50% of the 1GBASE-T Ethernet ports on the servers to 10GBASE-T Ethernet ports and needs the switching to support the upgraded servers. They are opposed to a chassis switch, and want to keep the number of managed devices on the network to a minimum. Which architecture meets the customer requirements?

- A. One VSX stack of four Aruba 8320 48-port 1/10GBASE-T switches
- B. Two IRF stacks of two HPE 5710 48-port 1/10GBASE-T switches
- C. One IRF stack of four HPE 5710 48-port 1/10GBASE-T switches
- D. Two VSX stacks of two Aruba 8320 48-port 1/10GBASE-T switches

Suggested Answer: C

🗨️ **DelHQ** Highly Voted 4 years, 9 months ago

Definitely C: Needs 4 switches for port count, customer wants minimum of managed devices so one stack, VSX only supports two switches so must be an IRF based stack. As to ShaunSong's comment, 10GBaseT ports also negotiate 1000BaseT so are inherently 1/10Gb capable.
upvoted 8 times

🗨️ **wassa** Most Recent 4 years, 7 months ago

Making correction it should be C. It is still the FlexFabric 5710.
upvoted 1 times

🗨️ **wassa** 4 years, 7 months ago

It should be B. Here are the features of the 5710
High-performance, low-latency data center top-of-rack (ToR) switch aimed at expanding port connectivity while adding local switching capacity

- HPE Intelligent Resilient Fabric (IRF) for virtualization and two-tier networks
- High 1/10GbE wirespeed ports with 40GbE and 100GbE uplinks

upvoted 1 times

🗨️ **Overfin** 4 years, 8 months ago

Because if it is the correct one, it is C. Do they change it?
upvoted 1 times

🗨️ **slotblocker** 3 years, 6 months ago

No, they don't.
upvoted 1 times

🗨️ **ShaunSong** 4 years, 9 months ago

I guess it should be D? VSX only supports 2 switches in a stack for sure, however it doesn't have 1/10 switch models?
<https://buy.hpe.com/au/en/networking/networking-switches/hpe-flexfabric-5710-switch-series/p/1010868971>
upvoted 1 times

🗨️ **eshesh** 4 years, 9 months ago

Should be C, since Aruba VSX only supports two switches in a stack, and not four.
upvoted 4 times

🗨️ **David_Le** 4 years, 9 months ago

Agree with you.
"Aruba VSX enables a distributed and redundant architecture that is highly available during upgrades inherently by architecture design. High availability is delivered through redundancy gained by deploying two chassis in the core with each chassis maintaining its independent control."
upvoted 3 times



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.

Suggested Answer: B

Reference:

<https://h20195.www2.hpe.com/v2/getpdf.aspx/4AA5-3811ENW.pdf?>

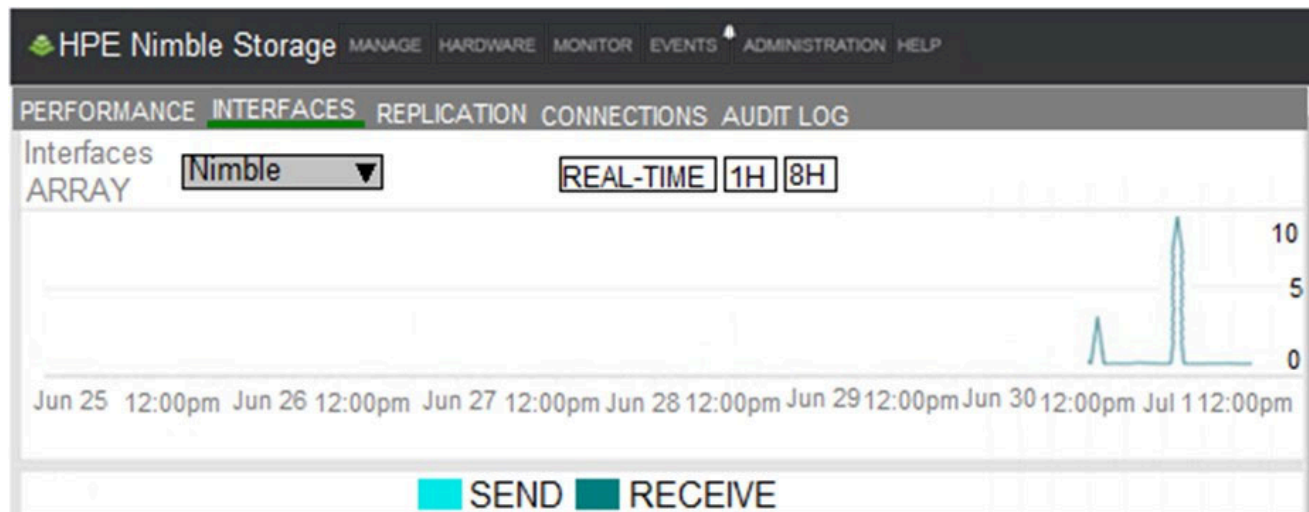
  **sontung** 2 years, 10 months ago

B . Configure SNMP Trap Forwarding
upvoted 2 times

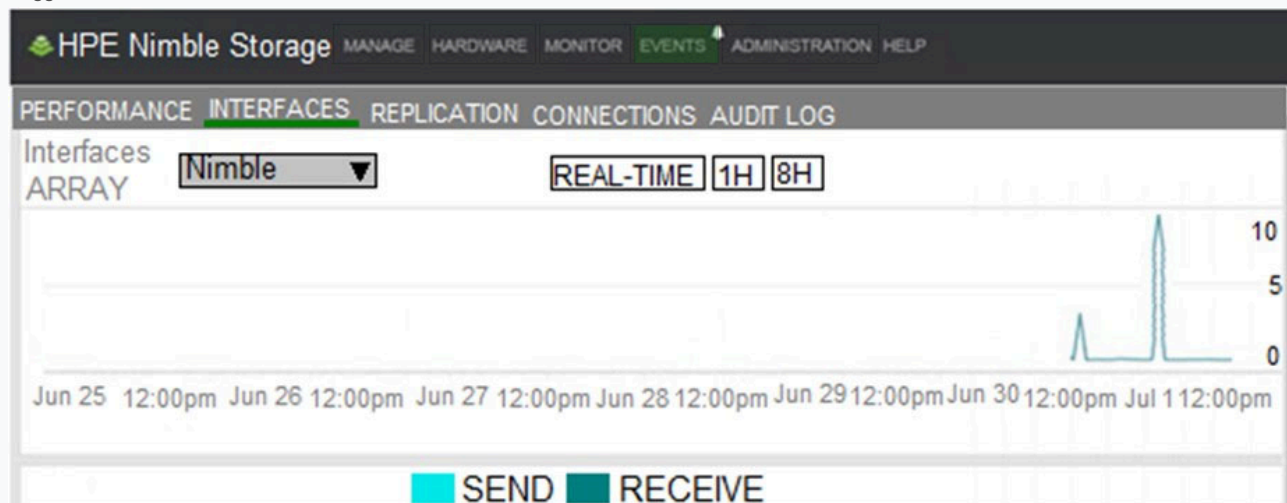
HOTSPOT -

You need to review a warning on a Nimble storage array.
Click on the menu option that displays this information.

Hot Area:



Suggested Answer:



Reference:

https://infosight.hpe.com/InfoSight/media/cms/active/public/pubs_GUI_Administration_Guide_NOS_50x.whz/axc1501525262696.html

guts Highly Voted 4 years, 4 months ago

the Event tab is the answer??

upvoted 5 times

edwardd Highly Voted 3 years, 4 months ago

Go to Events

upvoted 5 times

Creature Most Recent 3 years, 5 months ago

Link didn't work for me. Answer seems to be on page 189 of:

https://infosight.hpe.com/InfoSight/media/cms/active/public/pubs_GUI_Administration_Guide_5_3_x.pdf

upvoted 1 times

Gaisu 3 years, 7 months ago

Its Monitor tab

upvoted 1 times

Desakatado 3 years, 9 months ago

Yes, the event Tab...

upvoted 3 times

DRAG DROP -

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

Select and Place:

Answer Area

		HPE 3PAR SSMC
Managing/Monitoring a Single System		HPE OneView Global Dashboard
Managing/Monitoring Multiple Systems		HPE Intelligent Provisioning
		HPE Smart Storage Administrator

Suggested Answer:

Answer Area

	Managing/Monitoring a Single System	HPE 3PAR SSMC
Managing/Monitoring a Single System	Managing/Monitoring Multiple Systems	HPE OneView Global Dashboard
Managing/Monitoring Multiple Systems	Managing/Monitoring a Single System	HPE Intelligent Provisioning
	Managing/Monitoring Multiple Systems	HPE Smart Storage Administrator

 **Cabanon** Highly Voted 3 years, 6 months ago

Multiple

Multiple

Single

Single

upvoted 5 times

 **rudyy** Most Recent 3 years, 8 months ago

SSMC, Oneview --> Multiple,

https://support.hpe.com/hpesc/public/docDisplay?docId=a00101518en_us&docLocale=en_US

https://www.hpe.com/psnow/doc/a00101896en_us

IP, SSA --> Single

https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-c04465280

https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-c04455150

upvoted 1 times

 **Dungeon_Master** 3 years, 9 months ago

SSMC, Oneview --> Multiple,

IP, SSA --> Single

upvoted 4 times

Which backup targets are available from an HPE StoreOnce backup system? (Choose two.)

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

Suggested Answer: *AB*

Reference:

https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-c03824941

  **rudyy** 3 years, 8 months ago

agree with the answer VTL and Catalyst.

https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-c03824941

HP StoreOnce Backup systems offer flexibility with virtual tape library (VTL), NAS and StoreOnce Catalyst targets for backup applications.
upvoted 1 times

What is the most important difference between an HPE ProLiant DL380 Gen10 server and an HPE ProLiant DL385 Gen10 server?

- A. Disk Drives
- B. Power Supplies
- C. Network Cards
- D. Processors

Suggested Answer: D

Community vote distribution

D (100%)

Me_Loi1 **Highly Voted** 4 years, 9 months ago

D is correct, additional info: HPE Server ending with xx0 are Intel based while Server ending with xx5 are AMD based.
upvoted 9 times

MartiFC **Most Recent** 3 years, 1 month ago

Selected Answer: D

The answer is correct! xx0 is Intel and xx5 is AMD
upvoted 1 times

krimie 3 years, 10 months ago

Correct
upvoted 1 times

David_Le 4 years, 9 months ago

DL380 uses Intel's Xeon processors, while DL385 uses AMD's processors.
upvoted 4 times

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 – HPE 5945 Series switch with IRF
- B. 2 – Aruba 8325 Series switches with VSX
- C. 2 – HPE 5945 Series switches standalone
- D. 2 – Aruba 8325 Series switches with backplane stacking.

Suggested Answer: C

🗳️ 👤 **DonChevoDeLaPaca** 2 years, 8 months ago

C. 2 – HPE 5945 Series switches standalone... YES

+

An IRF-based network extends the control plane across multiple active switches, enabling interconnected switches to be managed as a single common fabric with one IP address; this increases network resilience, performance, and availability while simultaneously reducing operational complexity

upvoted 1 times

🗳️ 👤 **Toast1536** 3 years, 8 months ago

It's C:

https://www.hpe.com/psnow/doc/a00049249enw?jumpid=in_lit-psnow-red

HPE FlexFabric 5945 4-slot Switch (JQ076A)

Supports up to a maximum of 96 x 10/25GbE and 8 x 100GbE ports, or up to 32 x 100GbE ports

upvoted 4 times

🗳️ 👤 **JJ202103** 4 years, 3 months ago

I will pickup A

upvoted 1 times

🗳️ 👤 **JJ202103** 4 years, 3 months ago

o, A is wrong

upvoted 1 times

🗳️ 👤 **Guildu** 4 years, 6 months ago

I would pick C because you can have 5945 4-slots switches that cover the need of ports where 8325 cannot. VSX would have cover the dual control plane, but the aruba are not dense enough in this case.

upvoted 2 times

🗳️ 👤 **Djj** 4 years, 7 months ago

Can anybody suggest the correct answer? HPE 5945 IRF or Standalone is the answer?

upvoted 1 times

🗳️ 👤 **LaCruzconFlores** 4 years, 10 months ago

vsx supports dual control plane

upvoted 4 times

🗳️ 👤 **David_Le** 4 years, 9 months ago

But two Aruba 8325 switches don't provide enough amount of port (total 120 x 10Gb ports are needed).

upvoted 4 times

HPE Support asks you to generate an SSD wear gauge report for local storage on an HPE DL360 Gen10 server running VMware. Which procedure will ensure that the server will boot directly into a maintenance state so you can generate the requested report?

- A. Changing the one-time boot option to Smart Storage Administrator in iLO web-based user interface
- B. Use Always On functionality of Intelligent Provisioning
- C. Changing the one-time boot option to Intelligent Provisioning in iLO web-based user interface
- D. Click Boot to System Setup Utilities in iLO web-based user interface
- E. Changing the one-time boot option to Intelligent Provisioning in HPE OneView

Suggested Answer: A

Reference:

https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00051235en_us



Community vote distribution

C (100%)

  **isurusl** Highly Voted 5 years ago

In one-time boot option in iLO web interface, we are unable to find SSA.

I think C is correct: Changing the one-time boot option to Intelligent Provisioning in iLO web-based user interface. Any Comments Please.....
upvoted 8 times

  **JakeStafar** Most Recent 2 years, 5 months ago

Selected Answer: C

SSA is not a direct option from iLO web, IP is...

upvoted 1 times

  **rjbb1111** 2 years, 8 months ago

Right Answer: C -> iLO - Administration - Boot Order - One Time Boot status - Select One-Time Boot Option:

upvoted 1 times

  **InfinityAltairs** 2 years, 9 months ago

Selected Answer: C



Answer appears to be C - Changing the one-time boot option to Intelligent Provisioning in iLO web-based user interface

Per the Study Guide pg112

You can launch SSA:

- With HPE Intelligent Provisioning
- During POST
- From an ISO image



upvoted 1 times

  **lucavmw** 2 years, 10 months ago

Selected Answer: C

I vote C

upvoted 1 times

  **CASK** 2 years, 10 months ago

Selected Answer: C

You cannot boot into SSA, it is not an option in iLO5. You can boot into Intelligent Provisioning, then 'maintenance' and then select SSA.

See manual P180

https://support.hpe.com/hpesc/public/docDisplay?docId=a00026409en_us

upvoted 2 times

  **iomd** 3 years, 3 months ago

SSA is not an available option for one-time boot.

I would choose C

upvoted 2 times

  **rudyy** 3 years, 8 months ago

I vote for C.

<https://support.hpe.com/hpesc/public/docDisplay?docId=c03909334> (page 10)

upvoted 3 times

🗨️ 👤 **krimie** 3 years, 10 months ago

As an HPE engineer i will pick C, since no SSA option

upvoted 3 times

🗨️ 👤 **Longun** 4 years, 1 month ago

A looks to be correct.

Important: To verify the wear status of a solid state device in VMware ESXi 6.0, VMware ESXi 6.5 or VMware ESXi 6.7; use the HPE SSADUESXI utility to collect an adureport with SSD wear data and review.

upvoted 1 times

🗨️ 👤 **Djj** 4 years, 7 months ago

Jimmy: you look quite confident but iLo will give you open directly choose open for SSA you don't need to go in IP, so A is the correct answer.

upvoted 1 times

🗨️ 👤 **Overfin** 4 years, 8 months ago

Because if it is the correct one, it is C. Do they change it?

upvoted 3 times

🗨️ 👤 **slotblocker** 3 years, 6 months ago

oh yeah, they do.

upvoted 1 times

🗨️ 👤 **jimmyjammer** 4 years, 9 months ago

C. Boot to intelligent Provisioning. Choose perform maintenance option > open Smart Storage Administrator

upvoted 3 times

🗨️ 👤 **Magneto** 4 years, 11 months ago

C is correct

upvoted 4 times

DRAG DROP -

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



Suggested Answer:

Options

Answer Area

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HPE Nimble HF20H with 11TB storage, 960GB of cache, and dual port 10GbE NIC



EYE Highly Voted 4 years, 11 months ago
should be platinum cpu + all flash AF20 SAN
upvoted 24 times

svmarcsv82 Highly Voted 4 years, 11 months ago
Im thing platinum cpu and AF20
upvoted 12 times

ParagGK Most Recent 2 years, 5 months ago
HF20H -Availability features Triple+ Parity RAID for data protection (Triple drive parity plus intra-drive parity). 99.9999% guaranteed availability.
Redundant HW/SW design - no single points of failure.
upvoted 1 times

ParagGK 2 years, 5 months ago
Key word- critical stock trading application and will need high performance compute and low latency storage
Ans- Platinum series proc and AF Series storage.
HF mostly used as Tier-2 storage
upvoted 1 times

rjbb1111 2 years, 8 months ago
Should be Platinum and AF20.

upvoted 1 times

🗨️ 👤 **MartiFC** 3 years, 1 month ago

Eye said the correct answer. Platinum CPU and AF20

upvoted 1 times

🗨️ 👤 **iomd** 3 years, 3 months ago

Platinum and AF nimble for me

upvoted 1 times

🗨️ 👤 **Cabanon** 3 years, 6 months ago

Platinum and AF20

upvoted 1 times

🗨️ 👤 **rudyy** 3 years, 8 months ago

Agree with @EYE

should be platinum cpu + all flash AF20 SAN

Xeon-Platinum have high CPU specification than Xeon-Bronze.

this is for high performance compute.

<https://ark.intel.com/content/www/us/en/ark/compare.html?productIds=123546,192482>

HPE Nimble AF20 is better than HPE Nimble HF20H.

since AF20 use allflash for the disk, and HFH20H use HDD.

https://www.hpe.com/psnow/doc/a00008273enw?jumpid=in_lit-psnow-red

[https://www.insight.com/en_US/shop/product/Q8H71A/HEWLETT+PACKARD+ENTERPRISE/Q8H71A/HPE-Nimble-Storage-Adaptive-Flash-HF20H-Base-Array---solid-state---hard-drive-array/ \(11 - 1TB HDDs plus up to 2 - 480GB SSD drive\)](https://www.insight.com/en_US/shop/product/Q8H71A/HEWLETT+PACKARD+ENTERPRISE/Q8H71A/HPE-Nimble-Storage-Adaptive-Flash-HF20H-Base-Array---solid-state---hard-drive-array/ (11 - 1TB HDDs plus up to 2 - 480GB SSD drive))

upvoted 1 times

🗨️ 👤 **krimie** 3 years, 10 months ago

Well i'll pick the platinum cpu beside the AF20

upvoted 1 times

🗨️ 👤 **Overfin** 4 years, 8 months ago

Because if it is the correct one, it is Platinum + AF20. Do they change it?

upvoted 5 times

🗨️ 👤 **slotblocker** 3 years, 6 months ago

All the time.

upvoted 1 times

🗨️ 👤 **alex3** 4 years, 9 months ago

Platinum + AF20

upvoted 3 times

🗨️ 👤 **Psychosis** 4 years, 9 months ago

The compute part is incorrect, the 3104 is from 2017 and the 8270 is from 2019. There is also more ram in the option with the platinum CPU. I also agree with the AF20 comment

<https://ark.intel.com/content/www/us/en/ark/compare.html?productIds=123546,192482>

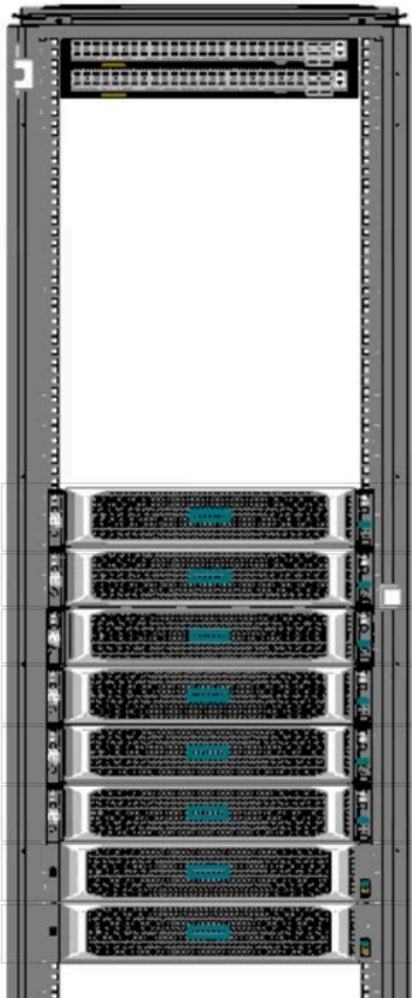
upvoted 3 times

HOTSPOT -

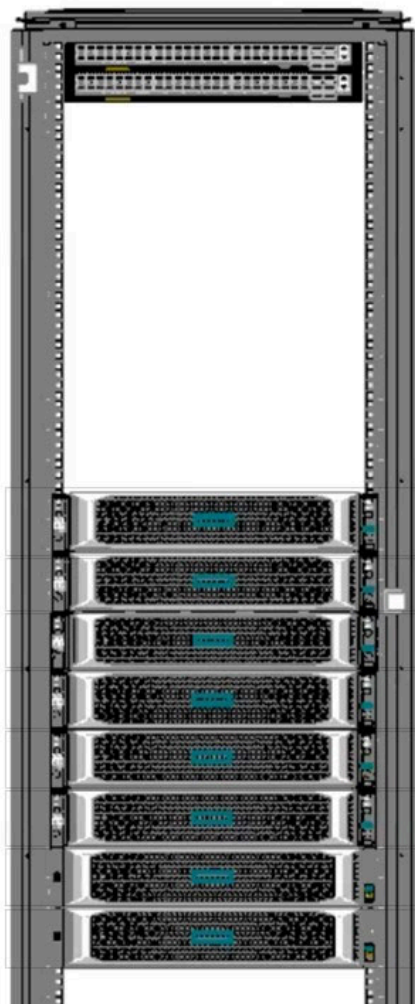
A solution integrator is installing new equipment to the rack.

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

Hot Area:



Suggested Answer:



 **hkah3ks** 3 years, 5 months ago

CAUTION: Always plan the rack installation so that the heaviest item is on the bottom of the rack. Install the heaviest item first, and continue to populate the rack from the bottom to the top.

<https://images10.newegg.com/UploadFilesForNewegg/itemintelligence/HP/c028811691403932391261.pdf> Page 2

At the bottom should be right. As the Battery must be heavy (82 lbs/37 kg).

upvoted 3 times

 **ohmyzilli** 3 years, 6 months ago

where is answer?

I thing HPE R/T3000 Extended Runtime Module Must placed to the bottom

upvoted 2 times

Which HPE solution brings together CPU, Memory, and Disk with an unpredictable workload into a single management infrastructure?

- A. dHCI
- B. SimpliVity
- C. Nimble
- D. Primera

Suggested Answer: B

Reference:

<https://community.hpe.com/t5/Around-the-Storage-Block/Accelerating-hyperconvergence-with-end-to-end-25GbE-storage/ba-p/7001560>

Community vote distribution

A (100%)

  **Guildu** Highly Voted 4 years, 6 months ago

I would go for B, SimpliVity.

With the dHCI, this is a full archi with switches (so mgt for them), VMWare, the DL/Synergy, so OneView and then the storage mgt Nimble.

So I would still pickup SimpliVity that replies fully to the need where the user will only have to go on the vCenter and don't bother with network interconnectivity and storage management.

upvoted 7 times

  **jimmyjammer** Highly Voted 4 years, 9 months ago

I think A.

HPE Nimble Storage dHCI is architected for VDI users, business-critical applications, and mixed workloads with unpredictable growth. To support remote worker initiatives, HPE is announcing the following:


<https://www.hpe.com/us/en/newsroom/press-release/2020/05/hewlett-packard-enterprise-advances-hci-solutions-for-expanding-remote-workforce-initiatives-in-wake-of-covid-19.html>

upvoted 5 times

  **orbe** Most Recent 3 years, 2 months ago

es simpliVity hiperconvergencia, no es dhci que es desagregado

upvoted 1 times

  **iomd** 3 years, 3 months ago

Selected Answer: A

I would go for dHCI because of the unpredictable workload. SimpliVity does not permit this

upvoted 2 times

  **eddb** 4 years, 9 months ago

A



The product lines included with HPE Nimble Storage dHCI would be standard product lines for:

HPE ProLiant DL (4Q—x86 entry/value rack)

HPE Nimble Storage (H5—H7)

HPE switches—depending on the switch type: HPE StoreFabric M-Series (1Y), Aruba 8325 (35), FlexFabric (NT)

upvoted 1 times

  **mvni** 4 years, 9 months ago

simpliVity

upvoted 3 times


Which protocol can be used to access a shared directory on a network-attached storage device?

- A. SNMP
- B. SMB
- C. FCP
- D. BGP

Suggested Answer: *B*

Reference:

https://en.wikipedia.org/wiki/Network-attached_storage

 **rudyy** 3 years, 8 months ago

Agree with the answer.

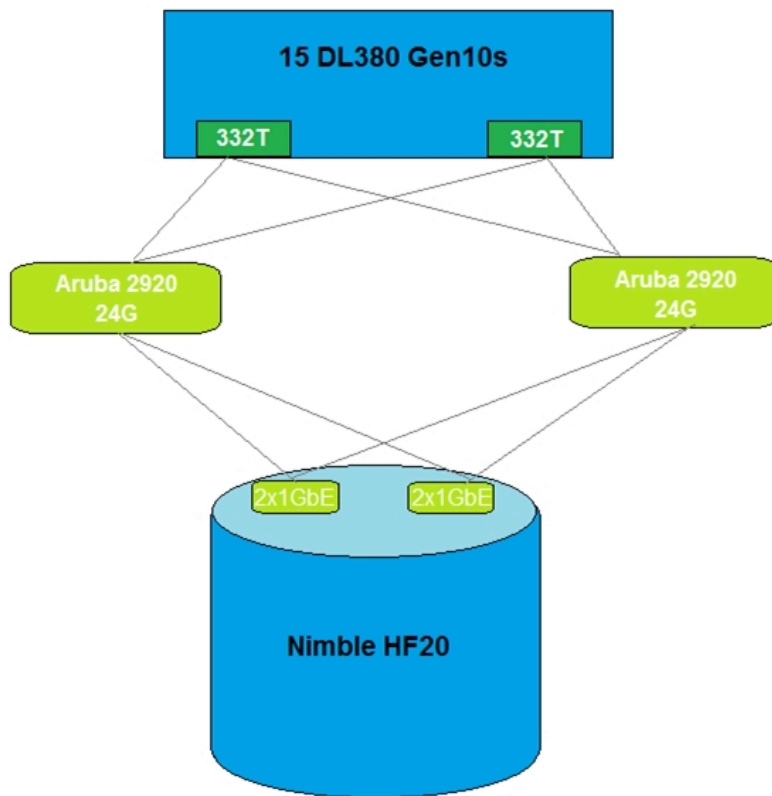
B. SMB

They typically provide access to files using network file sharing protocols such as NFS, SMB, or AFP.

upvoted 2 times

DRAG DROP -

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 upgrade the network connections and improve performance on the left. Then drag those components to the answer area on the right. (Choose three.)

Select and Place:

Options

Answer Area

HPE FlexFabric 5710 24XGT Switch

Aruba 3810M 24SFP+ Switch

HPE Nimble Storage 2x16Gb Fibre Channel 2-port FIO Adapter Kit

HPE Nimble Storage 2x10GBASE-T 2-port FIO Adapter Kit

HPE Ethernet 10Gb 2-port 535T Adapter

HPE Ethernet 10Gb 2-port 524SFP+ Adapter



Suggested Answer:

Options

Answer Area

HPE FlexFabric 5710 24XGT Switch

Aruba 3810M 24SFP+ Switch

Aruba 3810M 24SFP+ Switch

HPE Nimble Storage 2x10GBASE-T 2-port FIO Adapter Kit

HPE Nimble Storage 2x16Gb Fibre Channel 2-port FIO Adapter Kit

HPE Ethernet 10Gb 2-port 535T Adapter

HPE Nimble Storage 2x10GBASE-T 2-port FIO Adapter Kit

HPE Ethernet 10Gb 2-port 535T Adapter

HPE Ethernet 10Gb 2-port 524SFP+ Adapter



ParagGK 2 years, 5 months ago

Keyword- upgrade the network connections and improve performance

Hence given 3 options seems to correct

upvoted 1 times

iomd 3 years, 3 months ago

I would choose the FlexFabric 5710 switch + Nimble Storage 2x10G Base-T + Ethernet 10Gb-2-port 535T Adapter

upvoted 1 times

DingoDingo 3 years, 9 months ago

I think it is the FlexFabric switch. Not Aruba

upvoted 2 times

10Qiniso10 3 years, 8 months ago

share you whatsapp contact....text me please 0676799418

upvoted 1 times

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?

- A. HPE MSA 1040
- B. HPE MSA 2052
- C. HPE Nimble AF20
- D. HPE Nimble HF20C

Suggested Answer: D

Reference:

https://h20628.www2.hp.com/km-ext/kmcsdirect/emr_na-a00050816en_us-5.pdf

Community vote distribution

C (100%)

  **pauloasilva** Highly Voted 4 years, 12 months ago

The correct answer must be C, because HF20C does not support dedup.

upvoted 13 times

  **psn** Highly Voted 4 years, 11 months ago

5 Deduplication currently supported on HF20H, HF20, HF40, and HF60; the HF20C, HF40C, and HF60C does not support dedupe and is capacity optimized to scale to over 1PB.

upvoted 6 times

  **Kay02** 4 years, 10 months ago

Thanks:

<https://h20195.www2.hpe.com/v2/GetPDF.aspx/a00008274enw.pdf>

Deduplication currently supported on HF20H, HF20, HF40, and HF60; the HF20C, HF40C, and is capacity optimized to scale to over 1PB.

upvoted 4 times

  **CASK** Most Recent 2 years, 10 months ago

Selected Answer: C

Only AF20 supports dedupe. ("dedupe is not supported on HF20C" is the text in the book)

upvoted 1 times

  **Thunderf1** 2 years, 12 months ago

Selected Answer: C

AF20 is the only one support deduce

upvoted 1 times

  **iomd** 3 years, 3 months ago

HF20C supports compression, not deduplication. So C answer for me

upvoted 1 times

  **Dentistguba** 3 years, 4 months ago

Selected Answer: C

consensus below, AF20 only one with dedupe (needed more on all flash - expensive storage).

upvoted 2 times

  **henrytp** 4 years ago



MOST BE C, HPE Nimble Storage HF40C array and HF60C array provide higher effective capacity for workloads not requiring deduplication.

upvoted 1 times

  **portabrothers** 4 years ago



Deduplication currently supported on HF20H, HF20, HF40, and HF60; the HF20C does not support dedupe and is capacity optimized to scale to over 1PB. Deduplication is missing in HPE MSA, so HPE Nimble AF20 is the answer.

upvoted 1 times

  **Overfin** 4 years, 8 months ago

Because if it is the correct one, it is C. Do they change it?



upvoted 1 times

  **zox** 4 years, 9 months ago

must be C.

Deduplication currently supported on HF20H, HF20, HF40, and HF60; the HF20C, HF40C, and HF60C does not support dedupe and are capacity-optimized to scale to over 1PB.

upvoted 1 times

  **jimmyjammer** 4 years, 9 months ago

The C is for Compression ONLY (no dedupe)..... better than calling it the -D model i guess

upvoted 1 times

Refer to the exhibit.

Qty	Product#	Product Description
	1 868703-B21	HPE ProLiant DL380 Gen10 8SFF Configure-to-order Server
	1 868703-B21 B19	HPE DL380 Gen10 8SFF CTO Server
	1 826860-L21	HPE DL380 Gen10 Intel Xeon-Gold 6144 (3.5GHz/8-core/150W) FIO Processor Kit
	1 826860-B21	HPE DL380 Gen10 Intel Xeon-Gold 6144 (3.5GHz/8-core/150W) Processor Kit
12	815100-B21	HPE 32GB (1x32GB) Dual Rank x4 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit
2	870757-B21	HPE 600GB SAS 12G Enterprise 15K SFF(2.5in) SC 3yr Wty Digitally Signed Firmware HDD
2	727055-B21	HPE Ethernet 10Gb 2-port 562SFP+ Adapter
1	P01366-B21	HPE 96W Smart Storage Battery (up to 20 Devices) with 145mm Cable Kit
1	804331-B21	HPE Smart Array P408i-a SR Gen10 (8 Internal Lanes/2GB Cache) 12G SAS Modular Controller
2	865408-B21	HPE 500W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit
1	BD505A	HPE iLO Advanced 1-server License with 3yr Support on iLO Licensed Features
1	P8B31A	HPE OneView w/o iLO including 3yr 24x7 Support 1-server FIO LTU
1	733660-B21	HPE 2U Small Form Factor Easy Install Rail Kit

A customer needs a server with four 10Gb network adapters. They need it to be configured for the best possible network throughput. Given the BOM in the exhibit, what do you need to add to this server to meet the customer requirement?

- A. Workload Accelerator
- B. SSD Drives
- C. Smart Storage Hybrid Capacitor
- D. Secondary Riser Kit

Suggested Answer: D

Community vote distribution

D (100%)

EYE Highly Voted 4 years, 11 months ago

dual CPUs should require dual risers
upvoted 8 times

Ddavila 4 years, 10 months ago

I think what the answer its correct.
The workload Accelerator
https://support.hpe.com/hpesc/public/docDisplay?docId=c03769717&docLocale=en_US
upvoted 4 times

Ddavila 4 years, 10 months ago

My previous comment is not correct, please not accept.
Thank moderator
upvoted 5 times

CASK Most Recent 2 years, 10 months ago

Selected Answer: D

To be able to place four network adapters, you need a secondary riser.
upvoted 2 times

Desakatado 3 years, 9 months ago

The server is not a router, the network traffic may be proceced by the server, then more speed of workload more speed of network. The A answer may by correct.
upvoted 1 times

krimie 3 years, 10 months ago

sorry I meant D :)
upvoted 1 times

krimie 3 years, 10 months ago

C for sure

upvoted 1 times

🗨️ 👤 **theverve43** 4 years, 8 months ago

D es la respuesta correcta.

upvoted 1 times

🗨️ 👤 **Overfin** 4 years, 8 months ago

Because if it is the correct one, it is D. Do they change it?

upvoted 3 times

🗨️ 👤 **DelHQ** 4 years, 9 months ago

Reading the question a different way and assuming they mean 4 ports not adapters D: is still the correct answer since it will balance the network / NIC workload across both CPUs. Besides, all the other options affect storage performance only, not network as Psycosis points out.

upvoted 2 times

🗨️ 👤 **DelHQ** 4 years, 9 months ago

D: Secondary Riser Kit is the correct answer, the requirement is for 'four 10Gb network adapters' not four ports (which already exist on the BoM as two cards), since the primary riser is 3 slots the secondary riser is needed to fit 4 cards or more. Note: EYE's comment should be the other way round, you need two CPUs for the secondary riser card to work (one Xeon CPU doesn't support enough PCIe lanes).

upvoted 3 times

🗨️ 👤 **Psycosis** 4 years, 9 months ago

A workload accelerator is a NAND storage device, and some of the other answers are storage based and don't feel right. The riser seems like the correct answer as you need the riser to add another card when there are 2 CPUs used and you want more network ports. (I have actually purchased this before for a client to address this issue)

upvoted 2 times

DRAG DROP -

A customer needs a new environment to support an ERP system. The sizing information you received shows the following requirements:

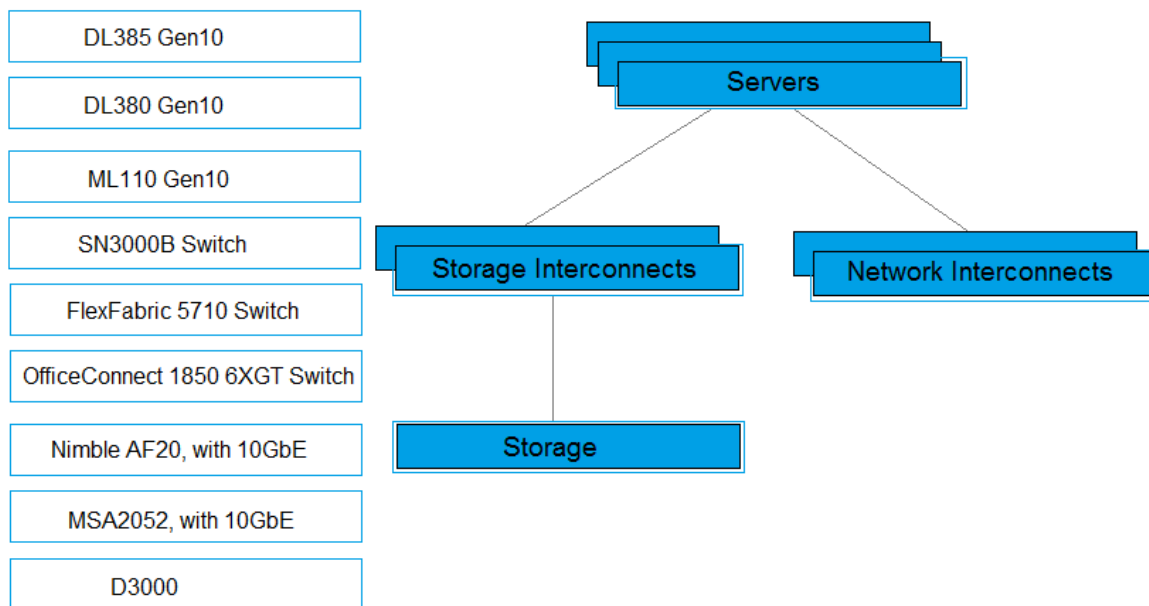
- ⇒ 3 servers with dual AMD processors, 256GB RAM, and 10Gb network connectivity
- ⇒ 10TB of high performance shared storage
- ⇒ Cloud-based performance monitoring and analytics

The customer prefers rack mounted equipment.

Identify the components that will meet the customer requirements, then drag the correct components on the left to their appropriate location in the environment on the right.

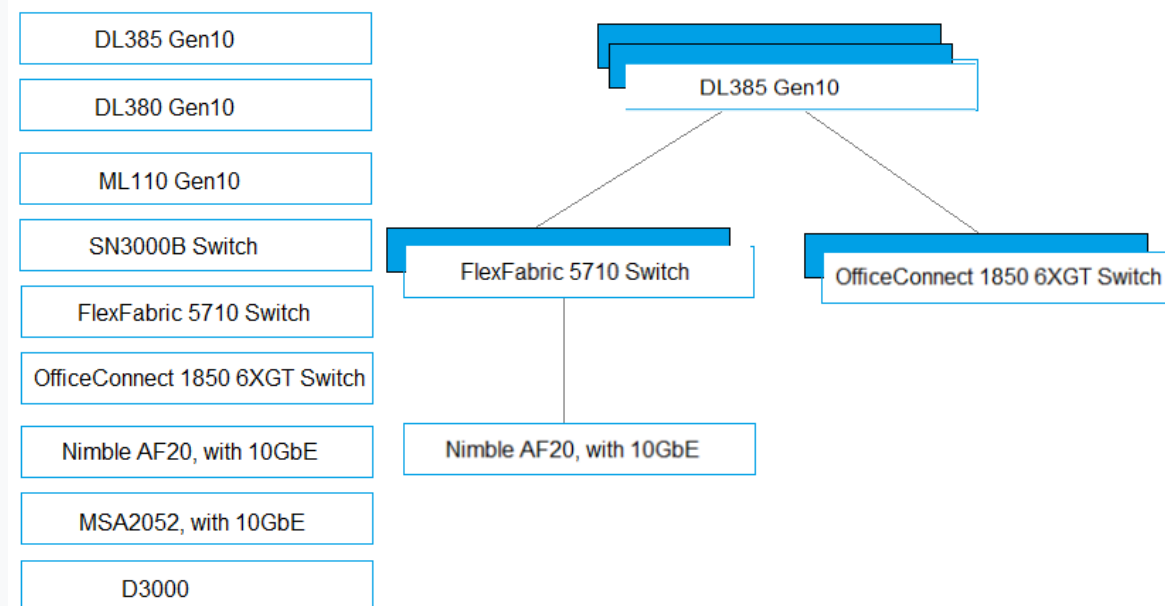
Select and Place:

Answer Area



Suggested Answer:

Answer Area



iomd Highly Voted 3 years, 3 months ago

I would choose DL385 servers, FLExFabric switches for storage and network, and Nimble AF20
upvoted 6 times

DonChevoDeLaPaca Most Recent 2 years, 8 months ago

DL385 Gen10, AMD CPU.. Yes

+

The HPE FlexFabric 5710 Switch Series provides choices that fit your budget and IT environment by offering different port density and speeds (1/10G) SFP+ or 10BASE-T with 40 and 100GbE high speed uplinks options. Although affordability priced, the HPE FlexFabric 5710 Switch Series offers a comprehensive set of data center features including full support for Layer 2, Layer 3, IPv4 and IPv6 networking protocols at no additional cost for these advanced features. ... YES

+

HPE Nimble Storage All Flash AF20 Base Array - Flash storage array - 48 bays - iSCSI (10 GbE) (external) - rack-mountable - 4U - CTO... YES



+

upvoted 1 times

  **Radiohead316** 2 years, 9 months ago

I don't see any HBAs, so I'm going DL385, 2x FlexFabric, and Nimble AF20



upvoted 2 times

  **sontung** 2 years, 10 months ago

only 3000B support private cloud storage but not support BaseT.

Chose DL385, SAN switch and network switch is 5710 and Nimble AF20.

upvoted 1 times

  **DelHQ** 4 years, 9 months ago

I'd go with 3 x DL385 Gen10, 3 x 5710 (remember dual path for SAN), 1 x Nimble AF20. Servers and storage are 10Gb ethernet only (no FC stated) so SN3000 is out as FC, 1850 only has six ports so too small for LAN and underpowered for iSCSI SAN.

upvoted 4 times

  **Psychosis** 4 years, 9 months ago

DL385 2 x Flexfabric 5710 and AF20 would be my pick

The MSA2052 doesn't come with 10GbE and the DS3000 is FC, so that would leave the nimble AF20 as being the only 10GbE capable storage device

<https://h20195.www2.hp.com/v2/getdocument.aspx?docname=a00008277enw>

The officeconnect switch only just has enough ports, and I would not really class that as a rack mount switch, so that only leaves the 5710

upvoted 3 times

  **LaCruzconFlores** 4 years, 10 months ago

SN3000B uses FC



upvoted 4 times

  **eshesh** 4 years, 10 months ago

I agree - But I don't see why we should use the 1850 for the access network?!?

So it'm seems kinda weird. Maybe 2 x FlexFabric?

upvoted 3 times

  **sage999** 4 years, 10 months ago

Ok. But what we must use? (FlexFabric5710(serve+storage) and 1850 6XGT(Server+network) ???)

upvoted 2 times

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?



- A. Fibre Channel Connectivity
- B. 10Gb iSCSI support
- C. Supported by Insight for predictive analytics
- D. Predictable performance event with one failed controller

Suggested Answer: D

  **hellstotheno** Highly Voted 4 years, 10 months ago


D, Insight is available for both platforms

upvoted 9 times

  **Ddavila** 4 years, 10 months ago

Thanks, its correct


upvoted 1 times

  **David_Le** 4 years, 9 months ago

If the primary controller fails, or if a firmware upgrade is scheduled, a failover occurs. At failover, the second controller becomes the active one, and client operations continue undisturbed.



This approach delivers zero performance degradation, even with one controller down. Together with Triple+ RAID and Cascade Multistage Checksums, reliable active-standby controller failover makes HPE Nimble Storage systems safe and dependable for even the most critical workloads.

upvoted 3 times

  **sontung** Most Recent 2 years, 10 months ago

I choose D. because of Nimble controller running Active/passive !

upvoted 1 times

  **Overfin** 4 years, 8 months ago

Because if it is the correct one, it is D. Do they change it?



upvoted 3 times

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

Suggested Answer: B

  **rudyy** 3 years, 7 months ago

Correct answer B.

https://techhub.hpe.com/eginfolib/networking/docs/switches/5950/5200-4013a_l2-lan_cr/content/504039110.htm

upvoted 2 times

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.

Suggested Answer: C

Community vote distribution

D (100%)

ajayrajkw Highly Voted 5 years ago

The answer C is wrong. it should be D.

The DAS storage system is only accessible directly from the host machine to which that DAS storage has been attached.

upvoted 21 times

ppimentel Highly Voted 4 years, 10 months ago

The correct answer is D

upvoted 11 times

damirski Most Recent 2 years, 6 months ago

Selected Answer: D

Connected directly with a cable.

upvoted 1 times

CASK 2 years, 10 months ago

Selected Answer: D

Direct attached to the server ofcourse

upvoted 1 times

Thunderf1 2 years, 12 months ago

Selected Answer: D

DAS=Direct Attached Storage

upvoted 2 times

MartiFC 3 years, 1 month ago

Selected Answer: D

The correct answer is D

upvoted 1 times

elthev 3 years, 2 months ago

Selected Answer: D

Correct answer is D

upvoted 1 times

iomd 3 years, 3 months ago

Selected Answer: D

D, for sure

upvoted 2 times

Apouly 3 years, 3 months ago

Selected Answer: D

DEFENITELY D

upvoted 2 times

Dentistguba 3 years, 4 months ago

Selected Answer: D

DAS = Direct Attached Storage

upvoted 4 times

  **henrytp** 4 years ago



Definitely D

upvoted 2 times

  **HafizBurhan** 4 years ago

Because if it is the correct one, it is D. Do they change it?

upvoted 2 times

  **Putin23** 4 years ago


la D ps castillos

upvoted 1 times

  **GerritMvdB** 4 years, 8 months ago



I think it's D aswell

upvoted 2 times

  **alex3** 4 years, 9 months ago

Definitely D

upvoted 4 times

  **eshesh** 4 years, 10 months ago

Correct answer is D, for sure.

upvoted 5 times

Refer to the exhibit.

```
admin> cfgshow
```

Defined configuration:

```
cfg:      zone_cfg_1
          nimble_esx_1_zone
zone:     nimble_esx_1_zone
          ESX1; NIMBLE1A
alias:    ESX1 51:40:2e:c0:11:0b:a4:c0
alias:    NIMBLE1A
          56:c9:ce:90:20:50:68:01
```

Effective configuration:

```
cfg:      zone_cfg_1
zone:     nimble_esx_1_zone
          51:40:2e:c0:11:0b:a4:c0
          56:c9:ce:90:20:50:68:01
```

When performing a code upgrade on an HPE Nimble array, you noticed a connection failure on ESX1. Refer to the exhibit showing the complete zoning configuration of one of the HPE SN3000B switches.

What should you do to ensure storage access is not interrupted when doing the next update?

- A. Create and ISL between the two HPE SN3000B switches.
- B. Create a new zone for ESX1 and the second storage controller.
- C. Change the timeout values on the SN3000B switch.
- D. Configure the same zone on a second HPE SN3000B.

Suggested Answer: C

Community vote distribution

B (100%)

EYE Highly Voted 4 years, 11 months ago

should be B

upvoted 11 times

MartifC Most Recent 3 years, 1 month ago

Selected Answer: B

the answer is B!!!

upvoted 1 times

iomd 3 years, 3 months ago

Selected Answer: B

I would choose B, "Create a new zone for ESX1 and the second storage controller".

Increasing timeout is not the solution

upvoted 2 times

Dentistguba 3 years, 4 months ago

Selected Answer: B

Code upgrade took the single storage controller seen by ESX1 offline and it had no other way in to storage array.

upvoted 1 times

Overfin 4 years, 8 months ago

Because if it is the correct one, it is B. Do they change it?

upvoted 2 times

slotblocker 3 years, 6 months ago

yes, they do. it's C now.

upvoted 1 times

eshesh 4 years, 10 months ago

Correct answer is B

upvoted 2 times

DRAG DROP -

Match each characteristic to the correct storage type.

Select and Place:

Answer Area

DAS		Allows access to volumes over FCP and iSCSI protocols
NAS		Ability to share file-based storage across an Ethernet network
Storage Array		Allows shared block level access over a network
		JBOD storage connected to one server using SAS

Answer Area

Suggested Answer:

DAS	Storage Array	Allows access to volumes over FCP and iSCSI protocols
NAS	NAS	Ability to share file-based storage across an Ethernet network
Storage Array	Storage Array	Allows shared block level access over a network
	DAS	JBOD storage connected to one server using SAS

Reference:

<https://www.excitingip.com/1358/jbod-just-a-bunch-of-disks/>

<https://www.enterprisestorageforum.com/storage-networking/nas-vs.-san-differences-and-use-cases.html>

🗨️ 👤 **[Removed]** 2 years, 10 months ago

Correct.

upvoted 1 times

🗨️ 👤 **ohmyzilli** 3 years, 6 months ago

SAN or Storage Array?

upvoted 1 times

🗨️ 👤 **moustickiller** 2 years, 9 months ago

SAN is the Network (Storage Area Network)

Storage Array are the devices you put in a SAN :-)

upvoted 1 times

DRAG DROP -

Match the characteristic to the correct HPE ProLiant family.

Select and Place:

Answer Area

	<input type="text"/>	maximum 2 processors
<input type="text" value="DL"/>	<input type="text"/>	maximum 4 processors
<input type="text" value="ML"/>	<input type="text"/>	rack optimized
	<input type="text"/>	tower or rack

Answer Area

Suggested Answer:

	<input type="text" value="ML"/>	maximum 2 processors
<input type="text" value="DL"/>	<input type="text" value="DL"/>	maximum 4 processors
<input type="text" value="ML"/>	<input type="text" value="DL"/>	rack optimized
	<input type="text" value="ML"/>	tower or rack

Reference:

<https://www.hpe.com/uk/en/product-catalog/servers/proliant-servers/pip.specifications.hpe-proliant-dl380-gen10-server.1010026818.html>

GregFR69 Highly Voted 5 years ago

Correct answer is ML / DL / DL / ML (DL580 is a quad-sockets server)
upvoted 28 times

David_Le 4 years, 9 months ago

And the DL560 also.
upvoted 3 times

Overfin Highly Voted 4 years, 9 months ago

change the correct answer, please... ml / dl / dl / ml
upvoted 5 times

jjjalltime Most Recent 4 years, 3 months ago

HPE0-V14 Hybrid IT Solution V2 book 34page, Max 2 processors => ProLiant ML, Max 4 processors DL, so Correct answer is ML / DL /DL / ML.
upvoted 3 times

sashagr 4 years, 4 months ago

correct answer is null/(dl or ml)/dl/ml
upvoted 1 times

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.

Suggested Answer: C

  **DonChevoDeLaPaca** 2 years, 8 months ago

Since the main purpose of the PVID is for VLAN-unaware devices, it is anticipated that frames exiting the port should be Un-Tagged. If the port connects VLAN-aware devices, then the user can edit the VLAN and return the setting to Tagged, causing the port to egress tagged frames for the VLAN.

All frames within the switch are tagged. Port-based VLANs are implemented by PVID settings. Untagged frames arriving at a port are tagged with the VLAN ID specified by the PVID of the port.

+

C. The untagged traffic will be transmitted in vlan 50.

upvoted 1 times

DRAG DROP -

Match the speed and protocol with the appropriate component.

Select and Place:



Component		Speed and Protocol
SFP+	<input type="text"/>	10GbE
QSFP28	<input type="text"/>	12Gb SAS
Mini-SAS HD 4x	<input type="text"/>	100GbE

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



  **Drakker** 2 years, 11 months ago

MiniSAS HD supports 12Gb

SFP+ supports 1 or 10GbE

QSFP28 supports 1 or 100GbE

upvoted 2 times

  **Drakker** 2 years, 11 months ago

correction QSFP28 supports 100GbE

upvoted 1 times

  **MartiFC** 3 years, 1 month ago

Correct!

upvoted 2 times

DRAG DROP -

Match each HPE solution to its optimal use case.

Select and Place:

Answer Area

HPE Solution		Use Case
HPE Proliant Microserver	<input type="text"/>	General Purpose Computing, Virtualization Clusters, Enterprise Applications
HPE Proliant ML/DL	<input type="text"/>	NAS Storage, File Sync and Share for Remote/Mobile users
HPE StoreEasy	<input type="text"/>	Remote Office, Low Cost, Quiet Operation, Office environment
HPE StoreOnce	<input type="text"/>	Space-efficient Backups, Backup Replication, Cloud-based Archiving

Answer Area

	HPE Solution		Use Case
Suggested Answer:	HPE Proliant Microserver	HPE Proliant ML/DL	General Purpose Computing, Virtualization Clusters, Enterprise Applications
	HPE Proliant ML/DL	HPE StoreEasy	NAS Storage, File Sync and Share for Remote/Mobile users
	HPE StoreEasy	HPE Proliant Microserver	Remote Office, Low Cost, Quiet Operation, Office environment
	HPE StoreOnce	HPE StoreOnce	Space-efficient Backups, Backup Replication, Cloud-based Archiving

 **Serg_Sh** 2 years, 9 months ago

1-3, 2-1, 3-2, 4-4

upvoted 1 times


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

Suggested Answer: A

Reference:

<https://community.hpe.com/t5/HPE-Storage-Tech-Insiders/HPE-Nimble-Storage-dHCI-Technical-Overview/ba-p/7054163#.XnxfMW5RWQ4>

 **Serg_Sh** 2 years, 9 months ago

A - https://www.hpe.com/psnow/doc/a00067739enw.pdf?jumpid=in_pdp-psnow-qs

upvoted 1 times



A customer just purchased a ProLiant 300 series Gen10 server and wants to install the latest version of Windows. Which feature of this server will assist the customer with the initial Windows installation?

- A. HPE SSA Diagnostics
- B. HPE SmartStart
- C. Smart Storage Administrator
- D. Intelligent Provisioning

Suggested Answer: D

Reference:

<https://community.hpe.com/t5/Alliances/Get-HPE-Gen10-Servers-with-Windows-Server-2019-up-and-Running-in/ba-p/7066128#.XnxeVG5RWQ4>

  **Drakker** 2 years, 11 months ago

Use Intelligent Provisioning to:

- Deploy an operating system to Smart Array-based storage.
- Manage and update necessary drivers not included in base operating system media.
- Perform maintenance-related tasks such as updating firmware and configuring iLO and HPE Smart Array controllers.
- Create and edit a collection of configuration settings, save them in a portable package, and deploy them to many servers via iLO 5 or a USB key.
- Deploy an operating system to two Secure Digital (SD) cards supported by HPE.

Answer: D

upvoted 2 times

Refer to the exhibit.

```
<Switch-A>display int Ten-GigabitEthernet 1/0/1
Ten-GigabitEthernet1/0/1 Current state: UP
Line protocol state: UP IP packet frame type: Ethernet II, hardware address: d894-03fb-793d
Description: Ten-GigabitEthernet1/0/1 Interface Bandwidth: 10000000 kbps Loopback is not
set Media type is stack wire, port hardware type is STACK_SFP_PLUS 10Gbps-speed mode, full-
duplex mode Link speed type is autonegotiation, link duplex type is autonegotiation Flow-
control is not enabled Maximum frame length: 10000 Allow jumbo frames to pass Broadcast
max-ratio: 100% Multicast max-ratio: 100% Unicast max-ratio: 100% PVID: 1 MDI type:
Automdix Port link-type: Trunk VLAN Passing: 10, 20 VLAN permitted: 10, 20 Trunk port
encapsulation: IEEE 802.1q Port priority: 0 <SNIP>
```

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.

Suggested Answer: B

 **EYE** Highly Voted 4 years, 11 months ago

PVID20 + VLAN20 = untagged

upvoted 11 times

 **David_Le** Highly Voted 4 years, 9 months ago

B. Configure the PVID of the interface to be VLAN 20.

upvoted 6 times


 **DonChevoDeLaPaca** Most Recent 2 years, 8 months ago

Since the main purpose of the PVID is for VLAN-unaware devices, it is anticipated that frames exiting the port should be Un-Tagged. If the port connects VLAN-aware devices, then the user can edit the VLAN and return the setting to Tagged, causing the port to egress tagged frames for the VLAN. All frames within the switch are tagged. Port-based VLANs are implemented by PVID settings. Untagged frames arriving at a port are tagged with the VLAN ID specified by the PVID of the port.

+


correct answer: B. Configure the PVID of the interface to be VLAN 20.

upvoted 1 times

 **Overfin** 4 years, 8 months ago


Because if it is the correct one, it is B. Do they change it?

upvoted 3 times

 **slotblocker** 3 years, 6 months ago

Do you know how to ask something else?

upvoted 4 times

 **ActionJ** 4 years, 9 months ago

It seems that it's clear that B would be the correct answer.

So why would someone use D as the answer to this question? IRF port?

upvoted 2 times

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

Suggested Answer: D

Community vote distribution

C (100%)

Selected Answer: C

8256 is the lower cost option for licensing because of 4 cores. So I go for C
upvoted 5 times

🗨️ 👤 **Dentistguba** Most Recent 3 years, 4 months ago

Selected Answer: C

I'm going with the 8256 as 8253 is roughly double the performance but then 4 times the licencing cost so still 2x less efficient money wise.
upvoted 2 times

🗨️ 👤 **rudyy** 3 years, 7 months ago

Should be C. Intel Xeon-Platinum 8256

Intel Xeon-Platinum 8256 :

3.8Ghz for best speed

4-Core for minimize licensing costs Oracle

upvoted 3 times

🗨️ 👤 **DelHQ** 4 years, 9 months ago

I'm with Psycosis on his/her logic. 8253 is the lowest core count at 16 listed without dropping all the way to 4, I'm not sure the speed differential is enough to still satisfy the customer performance requirement. They'd still be saving a fair bit on Oracle licencing versus 22+ core options.
upvoted 1 times

🗨️ 👤 **Psycosis** 4 years, 9 months ago

The question states they still want performance, but also to lower their costs. So the answer provided is correct, as it provided similar performance. It is however slightly ambiguous as how much performance do they need, possibly a 8256 is sufficiently fast enough.

8253 $2.2 \times 16 = 35.2$

8256 $3.8 \times 4 = 15.2$

upvoted 3 times

🗨️ 👤 **David_Le** 4 years, 9 months ago

Should choose the processor with higher frequency and least number of cores. The 8256 processor is the best choice.

upvoted 2 times

🗨️ 👤 **LaCruzconFlores** 4 years, 10 months ago

8256 core number 4-core

upvoted 4 times

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

Suggested Answer: C

Reference:

https://www.hpe.com/emea_europe/en/servers/smart-update.html

Community vote distribution

C (100%)

🗨️ 👤 **JEscorcio** 2 years, 9 months ago

Selected Answer: C

i will go with C (SUM) since B its for large volume of servers and the client have just two servers
upvoted 2 times

🗨️ 👤 **darkonzy** 2 years, 9 months ago

iLO Amplifier Pack. Answer: B
upvoted 1 times

🗨️ 👤 **orbe** 3 years, 2 months ago

es correcta SUM, el ILO amplifier Pack es para grandes volumennnes de servers
upvoted 1 times

🗨️ 👤 **DExams** 3 years, 6 months ago

Shouldn't it be B, I'm thinking SUM is for multiple servers from a single admin console
upvoted 2 times

A customer has a new virtual environment. They selected HPE servers for the environment in order to achieve better performance for their applications.

Which HPE feature enables the customer to achieve this server performance improvement?

- A. embedded application
- B. workload performance advisor
- C. workload profile
- D. Active Health System

Suggested Answer: C

  **ajayrajkw** Highly Voted 5 years ago

I guess the answer should be C: Workload profile. By selecting the required workload profile, it will tune the server to perform according to whatever workload profile is selected. There are profiles - Virtualization—Power Efficient & Virtualization—Max Performance which can be used according to requirements based on workload which is going to be used.

upvoted 15 times

  **David_Le** 4 years, 9 months ago

I think B is the better answer.

"Workload Performance Advisor adds real-time tuning recommendations driven by server resource usage analytics and builds upon existing tuning features such as Workload Matching and Jitter Smoothing."

upvoted 2 times

  **nickpl** 4 years, 8 months ago

I still think that answer C is correct. Advisor is only providing some recommendations but will never tune your performance on its own. Workload profile will do its job perfectly as it is mostly used for power and performance optimization.

upvoted 5 times

  **DonChevoDeLaPaca** Most Recent 2 years, 8 months ago

I think this is a loaded question, making you overthink the answer:

+

Workload Profiles and performance options

Workload Profiles is one of the HPE Intelligent System Tuning (IST) features and allows you to tune the resources in your HPE ProLiant server by choosing a preconfigured workload profile. The server will automatically configure the BIOS settings to match the selected workload.

+

Workload Performance Advisor

iLO monitors selected server workload characteristics and provides recommended performance tuning settings based on the monitored data.

+

My answer: C. workload profile

upvoted 2 times

  **MartiFC** 3 years, 1 month ago

C, WORKLOAD PROFILE IN THE BIOS is correct!

upvoted 1 times

  **Creature** 3 years, 4 months ago

C - The workload profile feature can be used to tune performance options - <https://techlibrary.hpe.com/docs/iss/proliant-gen10-uefi/GUID-0F617844-8783-4C74-B8A0-86246A1E723F.html>

upvoted 1 times

  **portabrothers** 4 years ago

They selected HPE servers

They used a system monitoring, they didn't need a tuning tool.

answer is Workload Performance Advisor

upvoted 2 times

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)

Suggested Answer: C

Reference:

https://www.arubanetworks.com/assets/tg/AVD_Midsize-Campus-Design-Deploy.pdf

Community vote distribution

C (100%)

🗨️ 👤 **InfinityAltairs** 2 years, 9 months ago

Selected Answer: C

My answer is C VSX

IRF, VSX, and VSF have Unified Management

VSF has management tools for the control plane and "faster failover", so it seems a viable answer (Study Guide pg 128), but...

VSX has near zero downtime and dual control plane (no single point failures) and has "rapid fail-over", along with multiple chassis link aggregation in an active-active mode (pg 129 of Study Guide)

upvoted 4 times

🗨️ 👤 **DanGleeballs** 3 years, 9 months ago

it is D VSF is unified management

upvoted 2 times