A customer needs a solution to support Online Transaction Processing (OLTP) and database workloads.

Which two factors are relevant to a proposed solution for the customer? (Choose two.)

    A. supports scale-up

    B. supports an intel Phi coprocessor

    C. supports scale-out

    D. supports a workload accelerator

    E. supports dual channel SAS connectivity

Suggested Answer: *AD*

Currently there are no comments in this discussion, be the first to comment!

What is an advantage of HPE Advanced Memory Error Detection?

> A. counts each correctable memory errors

> B. analyzes all correctable errors to increase the effectiveness of PFA notification

> C. reduces memory voltage

> D. corrects up to 4-bit memory errors within the 64 bits of data transferred in each memory cycle

Suggested Answer: *D*
Reference -
http://h20566.www2.hpe.com/hpsc/doc/public/display?docId=emr_na-c02878598

Currently there are no comments in this discussion, be the first to comment!

Which HPE ProLiant Gen8 and Gen9 single server deployment tool can use a server profile stored by an iLO federation management group member and use that profile to deploy other new Gen8 and Gen9 servers on the network in the same group?

A. Intelligent Provisioning

B. HPE REST API for iLO

C. HPE Smart Storage Administrator

D. HPE Smart Update Manager

Suggested Answer: *A*

Intelligent Provisioning is the initial configuration and deployment tool for ProLiant Gen8 servers and serves the same purpose that SmartStart did for previous generation servers. You can use Intelligent Provisioning to update the system firmware and drivers from the HP Support Center on hp.com, or through a local repository on your own network.

Reference -

http://h20566.www2.hpe.com/hpsc/doc/public/display?docId=emr_na-c03651516

Currently there are no comments in this discussion, be the first to comment!

Which server technology will enable increased throughput, lower latency, and lower CPU utilization across the servers?

A. InfiniBand

B. virtual extensible LAN (VXLAN)

C. TCP/IP Offload Engine

D. RDMA

Suggested Answer: *D*
Reference -
https://www.hpe.com/h20195/v2/getpdf.aspx/a00007858enw.pdf?ver=1.0

Currently there are no comments in this discussion, be the first to comment!

A customer has multiple server blades paired with HPE D222osb Storage Blades. The customer needs a solution that will help to share storage blade capacity with server blades within a different enclosure.
Which solution should the architect recommend to the customer?

A. Connect HPE D222osb Storage Blades to the FC switches shared by both enclosures.

B. Add server blades and storage blades to HPE OneView and use it to perform storage management and presentation.

C. Install HPE StoreServer Management Console and use it to create storage capacity resource pool with sharing enabled.

D. Deploy HPE StoreVirtual VSA and share available capacity through iSCSI protocol.

Suggested Answer: *D*
Reference -
https://www.hpe.com/h20195/v2/getpdf.aspx/c04111399.pdf?ver=13
(p.1)

Currently there are no comments in this discussion, be the first to comment!

A customer uses HPE ProLiant DL380 Gen9 servers that run a Microsoft Exchange Database Availability Group cluster. The customer needs to maximize the storage performance for the Microsoft Exchange application.

Which component should the architect recommend to the customer?

A. Intel Xeon Phi coprocessor

B. PCIe Workload Accelerator

C. NAND flash drives

D. Smart Storage battery

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

A customer is running a database application on a server with the following specifications:

- HPE ProLiant DL360 Gen8
- 24 GB RDIMMs
- HPE Dynamic Smart Array B320i Controller
- 6 SFF SSD drives
- Microsoft Windows 2012 R2

Users report database performance issues and are asking for an infrastructure update. However, the customer is presently unable to invest in anew server.

Which step can the customer take to improve database performance?

A. Replace RDIMMs with LRDIMMs.

B. Replace the Dynamic Smart Array with an HPE SmartArray P440 controller with HPE SSD Smart Path support.

C. Install an intel Xeon Phi Coprocessor with a Smart Storage Battery.

D. Add a second Dynamic SmartArray controller and connect the controllers in link mode.

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

An architect has designed a server solution for a customer that includes ProLiant BL460c Gen9 server with SmartArray P244br controller. The customer needs to be able to configure, manage, and troubleshoot the locally attached storage in this solution.

Which HPE tool should the architect recommend to the customer?

    A. HPE Insight Remote Support

    B. HPE iLO

    C. HPE Smart Storage Administrator

    D. HPE Array Configuration Utility

Suggested Answer: *B*
Reference -
https://h20195.www2.hpe.com/V2/getpdf.aspx/4AA5-4485ENW.pdf?ver=6.0

Currently there are no comments in this discussion, be the first to comment!

Which statement describes HPE Datacenter Care services?

A. It provides advanced power management monitoring and support.

B. It is a mix of enhanced call management, proactive services, and hardware/software assistance.

C. It provides collaborative call management assistance for only x86 solutions.

D. It is an alternative that provides hardware support only.

Suggested Answer: *B*
Reference -
http://h20195.www2.hpe.com/v2/GetPDF.aspx/4AA4-0459ENW.pdf

Currently there are no comments in this discussion, be the first to comment!

An architect is designing an HPE ProLiant BladeSystem with Virtual Connect FlexFabric and HPE 3PAR StoreServ 7400c. The customer is concerned about the added complexity of including SAN switches and the additional SAN management overhead.

Which HPE technology should the architect recommend?

    A. HPE FlexFabric 5930 Switch Series

    B. HPE B-Series SAN Network Advisor

    C. Virtual Connect Flat SAN

    D. HPE FlexFabric 20Gb 2-port 650 Adapter

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

A customer needs an HPE BladeSystem and iSCSI StoreVirtual storage that can boot from iSCSi volumes.
Which components must be included to meet customer requirements?

   A. Brocade FibreChannel switch and additional HBA mezzanine cards

   B. HPE Virtual Connect Flex10/10D and FlexFabric LOM cards

   C. HPE BLc 4X QDR InfiniBand Switch and FlexFabric LOM cards

   D. HPE Virtual Connect FlexFabric and Flex-10 LOM cards

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

A customer needs an HPE BladeSystem and iSCSI StoreVirtual storage that can boot from iSCSi volumes.
Which components must be included to meet customer requirements?

   A. Brocade FibreChannel switch and additional HBA mezzanine cards

   B. HPE Virtual Connect Flex10/10D and FlexFabric LOM cards

   C. HPE BLc 4X QDR InfiniBand Switch and FlexFabric LOM cards

   D. HPE Virtual Connect FlexFabric and Flex-10 LOM cards

A customer needs an OpenStack-based cloud datacenter with several virtual machines that will be placed in multiple VLANs. The customer needs to use Virtual
Extensible LAN (VXLAN) or Generic Routing Encapsulation (GRE) technology to support multi-tenant traffic.
The architect recommends the following HPE server equipment:
- BladeSystem c7000 enclosure
- Virtual Connect 20/40 F8 modules
- BL460c Gen9 servers with FlexFabric 20Gb 2-port 650FLB Adapters
Which rationale supports the architects recommended configuration?

    A. It improves performance of overlay networks with a tunnel offload engine.

    B. It allows RDMA over Converged Ethernet (RoCE).

    C. It allows configuration of interconnect module stacking.

    D. It improves performance of OpenStack instance provisioning.

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

A customer runs an application with high CPU demand on a DL 360 Gen9 server with Xeon E5 family processors and LRDIMMs. The application is highly parallel and works with multiple low frequency cores. The customer does not want to replace the installed Xeon CPUs.
What can the customer do to improve the performance of the application?

    A. Install a PCI accelerator.

    B. Replace the LRDIMMs with NVDIMMs.

    C. Install a software load balancer.

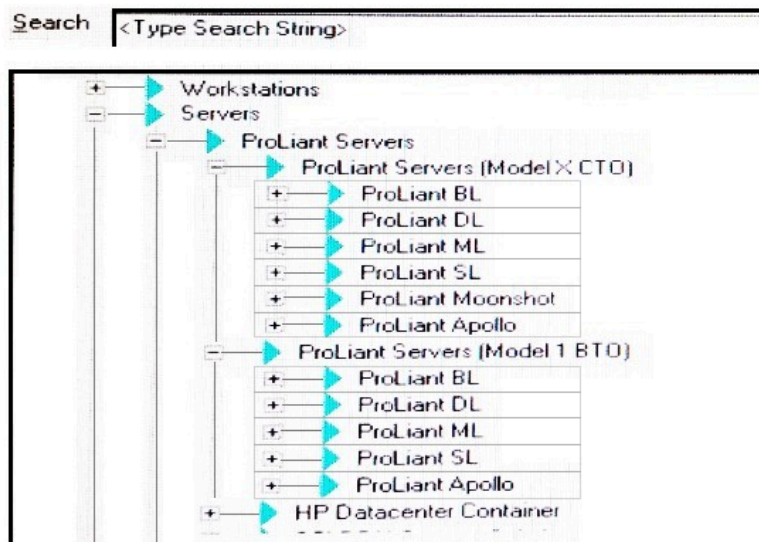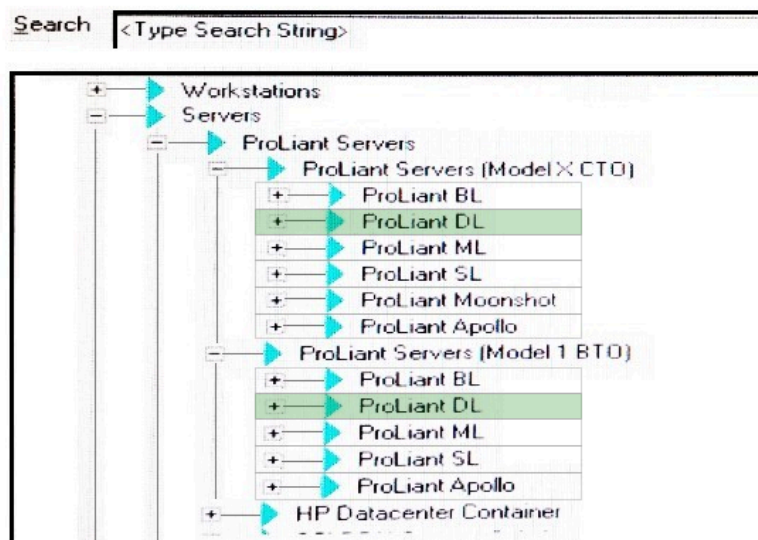   D. Install an Intel Xeon Phi coprocessor.

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

HOTSPOT -

A customer needs additional HPE rack servers, which must be in stock and delivered as soon as possible. The servers need to fit into the customers existing HPE racks. The customer does not want to use blade servers.

Point and click on the ProLiant Series option that meets the requirements.

Hot Area:

Step 2: Select from the list below:

Search <Type Search String>

- Workstations
- Servers
  - ProLiant Servers
    - ProLiant Servers (Model X CTO)
      - ProLiant BL
      - ProLiant DL
      - ProLiant ML
      - ProLiant SL
      - ProLiant Moonshot
      - ProLiant Apollo
    - ProLiant Servers (Model 1 BTO)
      - ProLiant BL
      - ProLiant DL
      - ProLiant ML
      - ProLiant SL
      - ProLiant Apollo
  - HP Datacenter Container

Suggested Answer:

Step 2: Select from the list below:

Search <Type Search String>

- Workstations
- Servers
  - ProLiant Servers
    - ProLiant Servers (Model X CTO)
      - ProLiant BL
      - ProLiant DL
      - ProLiant ML
      - ProLiant SL
      - ProLiant Moonshot
      - ProLiant Apollo
    - ProLiant Servers (Model 1 BTO)
      - ProLiant BL
      - ProLiant DL
      - ProLiant ML
      - ProLiant SL
      - ProLiant Apollo
  - HP Datacenter Container

Currently there are no comments in this discussion, be the first to comment!

Which industry standard specification defines a software interface between a computer's operating system and firmware during the startup process?

A. SNMP

B. UEFI

C. TCP/IP

D. RDMA

Suggested Answer: *B*

Reference -

http://h20564.www2.hpe.com/hpsc/doc/public/display?docId=c04565930

Currently there are no comments in this discussion, be the first to comment!

A customer needs to migrate its current c7000 network and Fibre Channel infrastructure to a converged infrastructure.

Which interconnect module should the architect recommend to the customer?

A. HPE 8Gb Fibre Channel pass-through

B. HPE 16Gb/24-port Fibre Channel switch

C. HPE Flex 10/10D

D. HPE FlexFabric 20/40 F8

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

HPE Power Advisor is being used to assist in architecting an HPE BladeSystem solution that contains HPE Flexfabric interconnect modules. Which information about the solution can the HPE Power Advisor provide? (Choose two.)

A. UPS sizing based on defined run times

B. mismatch between interconnect modules and network adapter

C. plan power usage at a system, rack, and multi-rack level

D. estimated power consumption on HPE storage products

E. SFP+ module power requirements

Suggested Answer: *CD*

Reference -

https://www.hpe.com/h20195/v2/GetPDF.aspx/4AA6-2925ENW.pdf

Currently there are no comments in this discussion, be the first to comment!

Which HPE item should an architect use to estimate the power requirements for an HPE ProLiant server solution?

    A. Thermal Logic

    B. 3D Sea of Sensors

    C. Power Advisor

    D. Dynamic Power Capping

Suggested Answer: *C*
Reference -
https://www.google.com/url?
sa=t&rct=j&q=&esrc=s&source=web&cd=2&cad=rja&uact=8&ved=0ahUKEwjMjb6n_K7WAhXFRY8KHXW0BWwQFggsMAE&url=https%3A%2F%2Fpaonline56.itcs.hpe.com%2F%3FPage%3DIndex&usg=AFQjCNGtLiJSDROSojGn3sZ53wcij4ORsg

Currently there are no comments in this discussion, be the first to comment!

DRAG DROP -

Click and drag the HPE Proliant feature on the left to match it with its description on the right. (Choose all that apply.)

Select and Place:

Suggested Answer:

Feature		Description
HPE Smart Memory		easy configuration; fast serviceability
HPE iLO4		simplified monitoring; reduced data loss
HPE Smart Drives		rapid deployment; streamline management
HPE Flexible Network Adapters		improved performance; reduced downtime

Currently there are no comments in this discussion, be the first to comment!

A customer needs a management software solution that will notify administrators automatically by email message in case of pre-defined hardware and system events.

Which solutions will support the customer requirement? (Choose two.)

A. REST API

B. iLO4

C. HPE OneView

D. HPE Intelligent Provisioning

E. UEFI

Suggested Answer: *AC*

Currently there are no comments in this discussion, be the first to comment!

A customer plans to enable support automation on a HPE ProLiant G7 server using Insight Remote Support with HPE Proactive Care services. What should the customer do prior to registering its servers for Insight Remote Support?

A. Link a contract to the Insight Online

B. Install an SNMP agent

C. Enable iLO Federation

D. Open the incoming network port 7906 for the servers.

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

A customer has purchased several racks of HPE Apollo 6000 series servers. The customer cannot exceed 25kW of power consumption per rack in its datacenter.

Which HPE management tool should be architect recommend?

   A. HPE Insight Remote Support

   B. HPE Cluster Management Utility

   C. HPE Smart Update Manager

   D. HPE Advance Power Manager

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

A customer is expanding its data center and needs to monitor and manage the power consumption of each server.
Which HPE Power Distribution Unit (PDU) should the architect recommend?

A. HPE UPS Network Module

B. HPE Modular PDU

C. HPE Location Discovery Service

D. HPE Intelligent PDU

Suggested Answer: *D*
Reference -
https://www.hpe.com/us/en/product-catalog/servers/power-distribution-units/pip.hpe-intelligent-power-distribution-units.4206782.html

Currently there are no comments in this discussion, be the first to comment!

Which two factors are relevant in planning a solution that uses a ProLiant Gen9 server with the Dynamic Smart Array B140i? (Choose two.)

A. Only the 3 GB/s transfer rate is supported.

B. SSDs are not supported.

C. The solution needs to include at least one Smart Storage Battery.

D. SAS drives are not supported.

E. Only UEFI boot mode is supported but not Legacy BIOS boot mode.

Suggested Answer: *AD*
Reference -
https://www.google.com/url?
sa=t&rct=j&q=&esrc=s&source=web&cd=2&cad=rja&uact=8&ved=0ahUKEwjZq4rL_a7WAhUJLo8KHVkID0IQFggvMAE&url=http%3A%2F%
2Fh20564.www2.hpe.com%2Fhpsc%2Fdoc%2Fpublic%2Fdisplay%3FdocId%3Demr_na-c04406959&usg=AFQjCNGeFTCYU32D4OI-
hN2QcSSALKQoPw

Currently there are no comments in this discussion, be the first to comment!
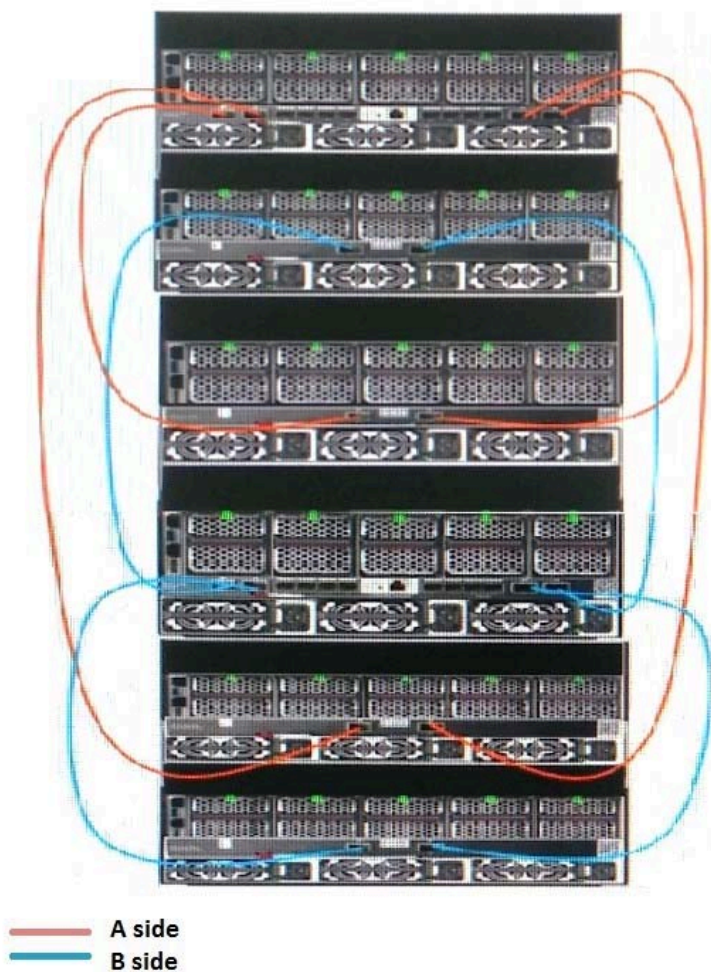
A customer needs to manage contract, warranty, and HPE Care Pack information for its server and storage infrastructure from a single location.
The customer also needs proactive expiration notifications for these contracts.
Which HPE tool should the architect recommend?

    A. HPE System Management Homepage

    B. HPE Smart Update Manager

    C. HPE Insight Display

    D. HPE Insight Online

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Refer to the exhibit.

A side
B side

A solution architect recommends the following HPE Synergy configuration:

Interconnect Modules -
Two HPE Virtual Connect SE 40 Gb F8 Modules
Four HPE Synergy 20 Gb Interconnect Link Modules

Master Modules -

Frame 1 Bay 3 -

Frame 2 Bay 6 -

Satellite Modules -

Frame 1 Bay 6 -

Frame 2 Bay 3 -

Frame 3 Bay 3 -

Frame 4 Bay 6 -

What is the maximum available bandwidth for each port on a compute module within the configuration shown?

    A. 1 Gb/s

    B. 10 Gb/s

    C. 20 Gb/s

D. 40 Gb/s

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

A customer needs to back up large portions of data from an HPE BladeSystem to an external backup server.

How should the backup traffic be classified and marked for QoS to avoid backup traffic congestion on the LAN?

    A. as server egress with dot1p marks

    B. as a Virtual Connect ingress port

    C. as a Virtual Connect egress port

    D. as server egress with CoS marks

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!

A customer needs quick and simplified server management access for its administrators. Administrators need to be able to attach USB key to servers remotely.
Which HPE tool meets the customers needs?

    A. iLO Mobile App

    B. VCSU

    C. HPSRPT

    D. HPLOCONS

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

A customer needs quick and simplified server management access for its administrators. Administrators need to be able to attach USB key to servers remotely.
Which HPE tool meets the customers needs?

    A. iLO Mobile App

    B. VCSU

    C. HPSRPT

A customer is concerned about the security of its data center. The existing card entry system does not meet the customers needs.

Which solution should be architect recommend to increase the security level for self-access to the data center?

    A. fingerprint scanners

    B. Access Control List

    C. 256 AES encryption

    D. complex passwords

Suggested Answer: *A*

Currently there are no comments in this discussion, be the first to comment!