While installing a three frame Synergy solution, only two of the frames are identified during the discovery process.
What should you do to get resolution?

    A. Remove and re-insert the standby Composer

    B. Issue a refresh command to the enclosure

    C. Open the front panel of the Composer, and read the error message

    D. Validate Frame Link Module topology

Suggested Answer: *D*

☐ 👤 **Sanmaniac** 4 years, 3 months ago
D is correct answer because everything else seems to be working only the communication with third frame is impacted that is controlled by FLM modules.

  upvoted 1 times

What is required to enable Jitter Smoothing technology? (Choose two.)

A. HPE Apollo

B. ProLiant Gen 10

C. HPE Synergy

D. HPE Cloudline

E. iLO5 Advanced

Suggested Answer: *BE*

👤 **Sanmaniac** 4 years, 3 months ago

Jitter Smoothing is Introduced in iLO5 that is only supported on Gen10 hosts.

upvoted 1 times

A customer is using HPE Smart Update Manager (SUM) for firmware update. They plan to add 100 Gen10 ProLiant servers, and they are concerned about whether HPE SUM will be able to support this size of installation.

What other option could the customer use for firmware updates that has increased scalability?

    A. iLO Advanced Premium Security Edition

    B. Insight Control server provisioning

    C. Insight Cluster Management Utility

    D. iLO Amplifier Pack

Suggested Answer: *D*

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

A customer purchased HPE ProLiant Gen10 servers. The customer is transitioning from a physical to a virtual environment.

Which feature should be enabled to ensure that they get the optimal performance from their new servers?

A. UEFI optimized boot

B. Integration with an HPE OneView for VMware vCenter

C. Performance optimization using the workload profiles

D. OneView OS Build Plan

Suggested Answer: *C*

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

You want to form a Synergy management ring.
Which component is required?

A. HPE Synergy Image Streamer

B. HPE Synergy Frame Link Module

C. HPE Synergy Composer

D. HPE Synergy 10 Gb Interconnect Link Module

Suggested Answer: *B*

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

You need to demonstrate the runtime firmware verification scan functionality on a ProLiant DL380 Gen10 server. You find that the option is not available in the
UEFI interface.
What is the most likely cause of the problem?

- A. The server boot mode is set to UEFI

- B. The Onboard Administrator has not been initialized

- C. The file firmware-ilo5-1.10.1.1.x86_64.rpm is the incorrect version

- D. The required iLO license has not been installed

Suggested Answer: *D*

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

What is a benefit of NVMe technology?

A. optimized SMB workloads

B. minimized network bandwidth

C. lower application costs

D. low latency data access

Suggested Answer: *D*

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

A c7000 customer wants to expand their server environment. You want to encourage them to move to Synergy to prepare them for the future. Which question should you ask?

A. Is there a requirement for enhanced security on the management network?

B. Do they want to maximize the memory footprint of their servers?

C. Does their application workload benefit from persistent memory?

D. Are they planning to purchase ProLiant Gen10 servers as part of the project?

Suggested Answer: *A*

👤 **Sanmaniac** 4 years, 3 months ago

Management network security is same on c7000 and Synergy (using 1Gb cable). Should be B

upvoted 1 times

👤 **Spooky7k** 4 years, 4 months ago

The answer should be B

upvoted 2 times

👤 **JJ202103** 4 years, 3 months ago

should be A?

upvoted 1 times

Your customer is interested in Synergy and composable infrastructure. They are concerned that operational savings may not meet expectations since operating system installation consumes a great deal of time.
Which feature should you highlight to overcome the objection?

    A. The Synergy Composer provides HTTPS boot services

    B. The Synergy Frame Link modules provide PIXE operating boot partitions

    C. The Synergy Composer can provision operating systems in seconds

    D. The Synergy Image Streamer can provision operating systems in seconds

Suggested Answer: *D*

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

A customer plans to expand in the future to an HPE Synergy installation with SAS connectivity.

What should you explain to the customer regarding SAS connectivity?

A. External storage devices can be connected to the SAS Synergy switches only if they were installed prior Composer configuration

B. SAS connectivity will require additional licenses

C. It will be not possible to add SAS connectivity to the existing environment if the logical enclosure is configured

D. SAS connectivity is supported only in the first fabric, so it should not be used for any other connections

Suggested Answer: *A*

👤 **JKNG** 4 years, 9 months ago

There is no external port for Synergy 12Gb SAS connection module, hence, connectivity to external storage device is not supported. In addition, it is supported only on Interconnect Module bay 1 and 4, so answer D is correct

upvoted 4 times

👤 **Sanmaniac** 4 years, 3 months ago

"First Fabric" is confusing, there is no Fabric per say.. so correct answer should be the C.. can't be done after Logical Enclosure is configured.

upvoted 1 times

Question #11 — Topic 1

You have a customer who has thousands of ProLiant servers spanning Gen8, Gen9, and Gen10 across multiple server models (Rack, Tower, Blade, Apollo), all licensed with iLO Advanced. The customer needs an effective way to inventory and update the firmware across the environment.
Which tool should you recommend?

    A. iLO Amplifier Pack

    B. OneView

    C. Intelligent Provisioning
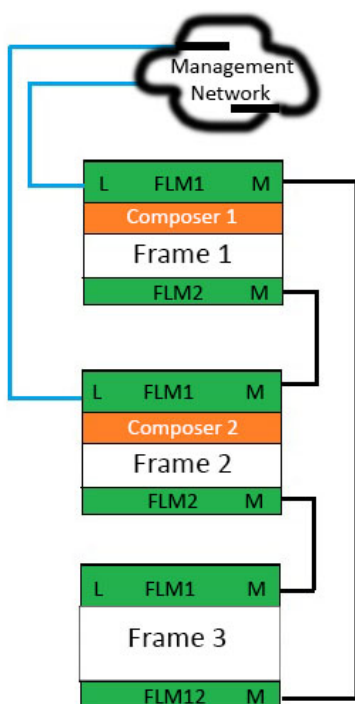
    D. SUM (System Update Manager)

Suggested Answer: *A*

👤 **amoon123** 3 years, 7 months ago

SUM is the correct answer SUM discovers the installed hardware and the current versions of firmware, drivers, and system software, provides an update recommendation, and
applies the updates in an efficient order to reduce impact on operations.

upvoted 1 times

Refer to the exhibit.

You are installing three Synergy frames for a customer PoC in the configuration shown. The composer is unable to discover the frames. What is the most likely cause of the problem?

A. Another composer is needed Frame 3

B. Composer 2 is in the wrong frame

C. The management network should be connected to the top and bottom frames

D. The management ring should be connected using the FLM link ports

Suggested Answer: *A*

⊟ 👤 **Sanmaniac** 4 years, 3 months ago

B & C are correct but in order to chose the correct sequence C (management connection) should be the top on list. C is correct answer.

upvoted 1 times

⊟ 👤 **Spooky7k** 4 years, 4 months ago

The correct answer should be D

upvoted 2 times

⊟ 👤 **JKNG** 4 years, 9 months ago

Answer should be C. Composer should be in Frame 1 and 3 as well.

upvoted 3 times

⊟ 👤 **Me_Loi1** 5 years, 1 month ago

Correct answers should be C and D, Answer A is not required and B could either be in Frame 1 or Frame 2.

upvoted 1 times

A customer has 10 HPE BladeSystem enclosures managed by HPE OneView. They want to add three HPE Synergy frames.
What is a proper procedure to manage a new HPE Synergy installation?

A. Use HPE Composer for HPE Synergy frames management

B. Deploy HPE Global Dashboard for HPE Synergy management

C. Add all frames to the existing HPE OneView appliance

D. Deploy a dedicated HPE OneView appliance for HPE Synergy frames

Suggested Answer: *B*

---

aliensok 4 years, 7 months ago

Correct Answer is C - Add all frames to the existing HPE One View appliance - see from 0:28 https://www.youtube.com/watch?v=LcBpiL-hypM&t=36s

upvoted 2 times

Sanmaniac 4 years, 3 months ago

That video is for adding c7000 frames, Synergy has their own OneView appliances (composer) and that can't be added to OneView. A is correct answer.

upvoted 1 times

Sanmaniac 4 years, 3 months ago

Type B is correct answer.

upvoted 1 times

JKNG 4 years, 9 months ago

Answer should be A. OneView Global Dashboard is a manager of manager tools. It sits on top of OneView appliance and Composer. It does not manage Synergy directly.

upvoted 1 times

A customer needs a VDI solution. The amount of compute per U of rack space will be a key point in their solution selection.

Which HPE product would be an ideal solution as part of your RFP response?

    A. HPE Apollo 4510 Gen10

    B. HPE Apollo 4200 Gen9

    C. HPE SY480 Gen10

    D. HPE DL580 Gen10

Suggested Answer: *A*

---

aliensok 4 years, 7 months ago

C is no correct Answer, HPE Synergy is 10U. D is correct. D580Gen10 is 4U a is suitable for VDI solution too.

upvoted 2 times

JKNG 4 years, 9 months ago

Answer should be C. Apollo 4510 is 4U, it is space efficient at all.

upvoted 2 times

What are features of the HPE Synergy Planning Tool? (Choose two.)

A. It creates a REST configuration file based on configuration created

B. It recommends the best top-of-rack switch

C. It provides estimated power consumption and weights of the solution

D. It runs on the Partner Ready Portal

E. It aids configuration of rack, Frames, compute, storage, fabric and power

Suggested Answer: *CE*

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

A customer needs a Synergy Proof of Concept (PoC) using Image Streamer.

What is the minimum number of Synergy frames needed for this PoC?

A. 1

B. 2

C. 3

D. 5

Suggested Answer: *C*

🗆 👤 **aliensok** 4 years, 7 months ago

Correct answer is A, it is possible to run a PoC with one Frame.

upvoted 2 times

🗆 👤 **JKNG** 4 years, 9 months ago

Correct answer should be A. One frame is supported for PoC. Only production environment needs 3 frames.

upvoted 2 times

🗆 👤 **Me_Loi1** 5 years, 1 month ago

Correct answer should be A, it is possible to run a PoC with one Frame including one Synergy Composer, one Synergy Image Streamer and two FLMs.

upvoted 3 times

A customer has a ProLiant DL based Gen10 server solution hosting an I/O intensive 2TB database. The customer needs to dramatically increase the performance of their existing system.

Which solution will provide the maximum performance possible for their application?

    A. Install HPE Scalable Persistent Memory

    B. Move the OS to an M.2 SSD drive

    C. Upgrade the current processor to a Xeon-Platinum

    D. Install DD4 Smart Memory

Suggested Answer: *A*

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

A customer received their three frame Synergy system. However, they are missing a link cable that connects the frame link module between the frames.

Which type of cable do they need?

A. DAC

B. MPO

C. CAT6A

D. AOC

Suggested Answer: *A*

☐ 👤 **aliensok** 4 years, 7 months ago

Correct is C - CAT6 - see "Frame link module cabling" - https://support.hpe.com/hpesc/public/docDisplay?docId=emr_na-a00003803en_us

upvoted 2 times

☐ 👤 **Me_Loi1** 5 years, 1 month ago

Correct answer should be C for typical 2-portFLM but A is also possible for 4-port FLM.

upvoted 3 times

A customer needs a solution to support Online Transaction Processing (OLTP) and database workloads.
Which Gen10 technology would optimize the environment for the customer?

A. REST API

B. Silicon Root of Trust

C. workload profiles

D. OneView

Suggested Answer: *C*

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

DRAG DROP -

Match each Synergy component with the description of the functionality it provides.

Select and Place:

Component

Composer
Frame Link Module
Image Streamer
Virtual Connect SE 40 Gb F8

Functionality

	management appliance responsible for assembling and re-assembling compute, storage, and fabric resources.
	management appliance responsible for operating system provisioning that enables true stateless computing.
	module that provides a composable fabric.
	provides services such as power, cooling, auto-discovery and inventory of all installed components.

Suggested Answer:

Component

Functionality

Frame Link Module	management appliance responsible for assembling and re-assembling compute, storage, and fabric resources.
Image Streamer	management appliance responsible for operating system provisioning that enables true stateless computing.
Virtual Connect SE 40 Gb F8	module that provides a composable fabric.
Composer	provides services such as power, cooling, auto-discovery and inventory of all installed components.

👤 **Me_Loi1** `Highly Voted` 👍 5 years, 1 month ago

Correct answer should be:

1. Composer

2. Image Streamer

3. VC SE 40Gb F8

4. FLM

upvoted 6 times

A customer recently purchased HPE ProLiant Gen10 servers, but finds that their application does not appear to benefit from the newest Xeon processors.
Which features should be configured in the BIOS to overcome the issue?

    A. Server Profile Templates

    B. iLO CNSA Mode

    C. Workload Profiles

    D. High Precision Event Timer

Suggested Answer: *A*

👤 **SomeoneEd** 4 years, 6 months ago

Workload profiles is correct answer.

Server profile only captures current configs.

upvoted 2 times

👤 **Me_Loi1** 5 years, 1 month ago

Correct answer should be C regarding HPE documentation: https://techlibrary.hpe.com/docs/iss/proliant-gen10-uefi/GUID-0F617844-8783-4C74-B8A0-86246A1E723F.html

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.

upvoted 4 times

A financial customer has a remote office that requires a significant amount of computing resources, but has no local IT staff. They need simple and affordable management and disaster recovery of their site.

Which solution should you recommend to meet this customer's needs?

    A. HPE ConvergedSystem 300

    B. HPE SimpliVity 380

    C. HPE StoreOnce 5100

    D. HPE Serviceguard for Linux

Suggested Answer: *B*

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

A customer is installing multiple racks of DL380 Gen10 servers in a datacenter. They need to configure each one with identical BIOS settings. Which tools are available to solve the situation? (Choose two.)

A. HPE Active Health System

B. HPE Smart Update Manager

C. BIOS RESTful API

D. HPE ICsp

E. HPE Intelligent Provisioning

Suggested Answer: *CE*
Reference:
https://h20195.www2.hpe.com/V2/getpdf.aspx/4AA5-4487ENW.pdf

SomeoneEd 4 years, 6 months ago
Answers are correct. SUM is mainly for firmware updates.
upvoted 1 times

SomeoneEd 4 years, 6 months ago
https://www.hpe.com/us/en/pdfViewer.html?docId=4aa4-6947&parentPage=/us/en/products/servers/smart-update&resourceTitle=Smart+Update+Technology%3A+An+end-to-end+update+solution+for+HPE+ProLiant+servers+and+HPE+BladeSystem+and+HPE+Synergy+infrastructure+technical+white+paper
upvoted 1 times

aliensok 4 years, 7 months ago
Should B and C - see "Smart Update Technology" - https://h20195.www2.hpe.com/V2/getpdf.aspx/4AA5-4487ENW.pdf
upvoted 1 times

Your customer has completed a successful Synergy Proof of Concept (PoC) consisting of a single frame with dual composers and dual Virtual Connect SE 40Gb
F8 modules.

The customer wants to:

☞ add a second frame before they move into production

☞ have unified management

have a separate logical enclosure for each frame

.

What are the basic steps to add the second frame? (Choose three.)

    A. Move the standby composer to the second frame.

    B. Disconnect the existing management ring, and then cable the FLM (frame link module) in the first frame to the FLMs in the second frame.

    C. Install a satellite module in the first frame.

    D. Move the bottom VC module from the first frame to the second.

    E. Move one of the uplinks from the FLM in the first frame to a FLM in the second.

Suggested Answer: *ABE*

☐ 👤 **JKNG** 4 years, 9 months ago

Answer should be B, D, E. Option A is possible but only 3 choices are allowed.

  upvoted 1 times

A customer wants to implement a large Microsoft Storage Spaces Direct environment.
Which protocol should the customer use?

    A. VXLAN

    B. RDMA

    C. OSPF

    D. NVGRE

Suggested Answer: *D*

  Me_Loi1 5 years, 1 month ago

Correct Answer should be B: https://docs.microsoft.com/en-us/windows-server/storage/storage-spaces/storage-spaces-direct-hardware-requirements

  upvoted 4 times

An environmentally sensitive customer has a data center that operates with fresh air cooling.

Which feature of HPE ProLiant Gen10 servers makes them suitable to operate in this environment?

    A. HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Support

    B. IntelÂ® Xeon-Platinum 8180M Support

    C. ASHRAE A4 compliance

    D. ACPI 6.1 Compliance

Suggested Answer: *C*

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

    A. HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Support

    B. IntelÂ® Xeon-Platinum 8180M Support

    C. ASHRAE A4 compliance

    D. ACPI 6.1 Compliance

Your customer is building out their own object-based storage solution. They initially developed the object store using DL380 Gen9 servers but are now looking for a solution that is purpose built to provide the additional storage.
Which solution should you recommend?

    A. DL580 Gen10

    B. Apollo 4510 Gen10

    C. ML350 Gen10

    D. DL560 Gen10

Suggested Answer: *B*

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

Which iLO 5 feature allows a customer to directly, physically connect to a ProLiant server to troubleshoot issues?

A. iLO Federation

B. iLO Amplifier Pack

C. iLO mobile app

D. iLO Service Port

Suggested Answer: *D*

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

Which iLO 5 feature allows a customer to directly, physically connect to a ProLiant server to troubleshoot issues?

A. iLO Federation

B. iLO Amplifier Pack

C. iLO mobile app

D. iLO Service Port

A customer needs a new high frequency trading cluster. Their current cluster has non-deterministic performance and undesirable latency. Because high frequency trades are extremely time-sensitive transactions, the customer cannot tolerate the microseconds of delay that can randomly occur on their current cluster.

Which iLO 5 Gen 10 feature can you propose to address this technical requirement?

    A. Turbo Cores

    B. Jitter Smoothing

    C. Persistent Memory

    D. NVMe Drives

Suggested Answer: *C*

👤 **Me_Loi1** `Highly Voted 👍` 5 years, 1 month ago

Correct answer is B

upvoted 6 times

👤 **akinbas** `Most Recent ⊘` 4 years, 6 months ago

the correct answer is B - jitter smoothing

upvoted 4 times

During a presentation on Synergy fabric technology, a customer states that they would not purchase Virtual Connect modules because they would be paying for
Fibre Channel technology that they have no intention of using.
How should you handle this objection?

A. Explain to the customer that the only Fibre Channel support is through FCoE and does not add to the module cost.

B. Explain to the customer that HPE does not pass on the cost of including Fibre Channel support to the customer.

C. Inform the customer that native Fibre Channel support is an optional, licensed feature.

D. Inform the customer that native Fibre Channel support is provided through an optional daughterboard.

Suggested Answer: *D*

☐ 👤 **Sanmaniac** 4 years, 3 months ago
C. because VC requires FC licenses if need to use FCoE.
upvoted 1 times

☐ 👤 **Me_Loi1** 5 years, 1 month ago
Correct answer is C
upvoted 4 times

A retail customer's real-time analytics application requires the fastest possible data access and over 768GB of database capacity. Their current HPE ProLiant
DL380 Gen9 servers are not meeting the performance requirements.
What should you recommend? (Choose two.)

    A. iLO5 Advanced licenses

    B. HPE Scalable Persistent Memory

    C. HPE ProLiant DL380 Gen10 servers

    D. PCIe Workload Accelerator

Suggested Answer: *CD*

  JKNG `Highly Voted` 4 years, 9 months ago
Answer should be B, C.
  upvoted 6 times

  Sanmaniac `Most Recent` 4 years, 3 months ago
Gen10 Supports Persistent memory. B & C
  upvoted 1 times

    Sanmaniac 4 years, 3 months ago
    My Bad.. 768GB is max so ans are correct.
    upvoted 1 times

A customer is expanding their blade based infrastructure managed by HPE OneView with an HPE Synergy platform. The customer is familiar with HPE OneView and wants to know if the same management procedures can be used to manage HPE Synergy platform.
How should you respond to this question?

A. HPE Synergy can be managed using the same HPE OneView instance that is used to manage HPE BladeSystem platform.

B. HPE Synergy can be managed using HPE OneView as long as a separate, dedicated HPE OneView appliance is deployed for HPE Synergy management.

C. HPE Synergy can be managed by HPE Composer, which is running an embedded version of the HPE OneView

D. HPE Synergy must be managed with HPE Systems Insight Manager

Suggested Answer: *B*

🗕 👤 **Me_Loi1** `Highly Voted 👍` 5 years, 1 month ago
C is correct

upvoted 8 times

Your customer boots to the HPE Smart Scripting toolkit via PXE to automatically configure their new systems. They are moving to a new data center which has a policy that PXE boot will not be allowed in the environment.
What is the closest alternative to use when deploying Gen10 in their new data center?

    A. iLO Federation running the Smart Scripting Toolkit scripts

    B. iLO RESTfull API running the Smart Scripting Toolkit scripts

    C. Insight Control server provisioning running the Smart Scripting Toolkit scripts in a build plan

    D. HTTP/HTTPS Boot to the Smart Scripting Toolkit

Suggested Answer: *D*

 👤 **Sanmaniac** 4 years, 3 months ago

B is correct ans. HPE "Virtual Presence" uses iLO and Smart Scripting Toolkit to deploy servers.

upvoted 1 times

A customer is considering installing a Synergy frame in an existing rack where their c7000 chassis is currently installed.

Which question should you ask to ensure the new frame will be supported in the rack?

    A. Are there any third party servers installed?

    B. How deep is the existing rack?

    C. Is there a UPS installed in the rack?

    D. How wide is the existing rack?

Suggested Answer: *B*

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

A customer has thousands of ProLiant and Apollo servers in their datacenter. The customer needs a tool that will help them with firmware and driver updates.

Which iLO Amplifier Pack feature should you emphasize during a conversation with this customer?

- A. support for 3Par and StoreVirtual
- B. support for iLO Federation
- C. firmware management for Integrity servers
- D. integration with System Center and vCenter Server

Suggested Answer: *B*

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

A customer wants to implement HPE Synergy with 20Gb connectivity.
What should an architect emphasize during a meeting with this customer?

A. A maximum of 3 frames can be stacked together when 20 Gb connectivity is required.

B. SAS connectivity will be supported only on third fabric.

C. A Composer must be installed in each frame.

D. 20Gb connectivity will require additional licenses applied to the downlink ports.

Suggested Answer: *A*

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

What must a customer consider when adding an uplink set to a Logical Interconnect Group? (Choose two.)

A. Additional Logical Interconnects will need to be created

B. The associated Logical Interconnects will be flagged as inconsistent

C. Logical Interconnects will need to be updated from the group

D. Logical Interconnects will automatically be restarted

E. Logical Interconnects will need to be restarted

Suggested Answer: *CE*

👤 **Sanmaniac** 4 years, 3 months ago

B & C are correct ans

upvoted 1 times

A customer has installed a D3940 storage module in an existing Synergy frame. However, none of the compute modules can access the shared storage.
What is the problem?

A. The storage module has not been initialized in the composer

B. There are no SAS modules installed in bays 1 and 4

C. There are no fibre channel modules installed in bays 1 and 4

D. The I/O modules have not been initialized in the composer

Suggested Answer: *B*

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

Your customer has 500 SY480 Gen10 compute nodes running a variety of physical and virtual workloads. They are looking for a way to get a unified view of the entire environment.

Which product should you recommend?

A. HPE OneView for VMware vCenter

B. HPE OneView Global Dashboard

C. HPE OneView for Microsoft System Center

D. HPE OneView for Red Hat Enterprise Virtualization

Suggested Answer: *rdB*

☐ 👤 **Sanmaniac** 4 years, 3 months ago

B . Global OneView Dashboard

upvoted 1 times

rd

One of the DL380 Gen10 servers in your infrastructure has failed to boot after a 3 party PCIe NIC was installed.

What is the most likely cause of this issue?

    A. HPE does not allow 3 party PCIe cards.

    B. The latest Support pack for ProLiant must be used before accessing any additional 3 rd party products in the server.

    C. The manufacturer did not digitally sign the correct firmware and HPE Secure Boot halted the process.

    D. The iLO interface did not have a correct IP address provided from DHCP.

Suggested Answer: *C*

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

A customer has a two frame Synergy setup with two Virtual Connect SE 40Gb F8 modules and two 20Gb Interconnect Link Module interconnect modules. The customer needs to expand into a third frame.
Which interconnect modules should be used to extend the logical enclosure?

    A. 2 x 20Gb Interconnect Link Modules

    B. 1 x Virtual Connect SE 40Gb F8 Interconnect Link Modules and 1 x 20Gb Interconnect Link Modules

    C. 2 x Virtual Connect SE 40Gb F8 Interconnect Link Modules

    D. 4 x Virtual Connect SE 40Gb F8 Interconnect Link Modules

Suggested Answer: *A*

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

Your customer needs to provide an automated, energy-aware environment that will automatically track power usage and document configurations. Which HPE technology will meet your customer's needs?

A. Smart Storage Battery

B. Thermal Discovery Services

C. Intelligent Power Discovery

D. Intelligent System Tuning

Suggested Answer: *C*

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

Where can you find customer-ready HPE content to describe the benefits of a solution you are recommending?

A. HPE Proposal Web

B. HPE OneConfig Advanced

C. HPE Synergy Planning Tool

D. HPE Single Point of Connectivity Knowledge

Suggested Answer: *A*

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

A customer asks for a network technology that will maximize throughput and minimize latency and CPU utilization across servers using SMB
Direct and 10Gb
Ethernet.
Which technology should you propose?

- A. TCP/IP Offload Engine
- B. RDMA
- C. virtual extensible LAN (VXLAN)
- D. InfiniBand

Suggested Answer: *B*

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

A customer needs to update the system bios on their DL380 Gen10. They are unable to download the latest Service Pack for ProLiant.
What is the most likely cause of the problem?

    A. Embedded remote support is not enabled on that server

    B. There is no valid SAID contract associated with their HPE passport

    C. The maximum number of servers supported by the agreement has been exceeded

    D. An iLO5 Advanced Premium Security Edition license has not been installed

Suggested Answer: *B*

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

A hospital has an HPE ProLiant environment consisting of G7 and Gen8 servers. They have a new regulatory requirement to improve security of the management interface.

What should the customer do to meet their requirements?

    A. Install iLO Advanced Premium Security Edition licenses

    B. Upgrade the network cards to ones that support TLS 1.2

    C. Integrate iLOs with Active Directory

    D. Combine data and networks in a DMZ

Suggested Answer: *C*

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

D is correct

upvoted 1 times

A customer wants a highly available storage solution inside HPE Synergy that is composable via OneView and also accessible outside the enclosure to a DR site at another location.
Which product fits the customer's needs?

A. HPE StoreVirtual VSA

B. VMware vSAN

C. SEPH SUSE

D. HPE 3PAR StoreServ

Suggested Answer: *A*

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

A customer uses VLANs for tenant network separation. However, they are not satisfied with the scalability limits of the setup.

Which networking technology will help the service provider to overcome these performance limits?

    A. data center bridging (DCB)

    B. RDMA over Converged Ethernet (RoCE)

    C. network virtualization generic routing encapsulation (NVGRE)

    D. remote direct memory access (RDMA)

Suggested Answer: *C*

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

A customer uses VLANs for tenant network separation. However, they are not satisfied with the scalability limits of the setup.

Which networking technology will help the service provider to overcome these performance limits?

    A. data center bridging (DCB)

    B. RDMA over Converged Ethernet (RoCE)

    C. network virtualization generic routing encapsulation (NVGRE)

    D. remote direct memory access (RDMA)

A customer is designing an infrastructure and plans to host multiple tenants in the environment. The customer needs several thousand network segments to be used on a single physical network.

Which solution should the customer use?

- A. Remote Direct Memory Access
- B. Virtual Connect FlexFabric
- C. Overlay networks
- D. Data Center Bridging

Suggested Answer: *C*

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

A customer needs a server that:

☞ supports their in-memory database

☞ is oriented towards business critical workloads

Which questions should you ask before you make a recommendation? (Choose two.)

A. How much memory will the application require?

B. How will the operating systems and application be deployed?

C. How important is it for the server to support ASHRAE A3/A4 standards?

D. How many cores are required to optimize the application?

E. How will the datacenter provide backup power in the event of failure?

Suggested Answer: *AD*

☐ 👤 **Sanmaniac** 4 years, 3 months ago

A & D are correct, power "source" doesnt matter

upvoted 1 times

☐ 👤 **JKNG** 4 years, 9 months ago

Answer should be A, E. For in-memory database, number of CPU core is secondary. For business critical workload, power redundancy is important.

upvoted 2 times

A customer plans to replace their c7000 equipment with Synergy.

What is the most important thing to consider about installing Synergy in the existing rack environment?

    A. A Synergy frame is physically deeper than a c7000

    B. A Synergy frame is taller than the 10 U required for a c7000

    C. A Synergy frame requires more power feeds than a c7000

    D. A Synergy composer requires 2 additional rack units

Suggested Answer: *A*

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

What is required to implement Core Boosting? (Choose two.)

     A. HPE Cloudline

     B. HPE Apollo

     C. ProLiant Gen 10

     D. iLO5 Advanced

     E. HPE Synergy

Suggested Answer: *CD*

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

What is required to implement Core Boosting? (Choose two.)

     A. HPE Cloudline

     B. HPE Apollo

     C. ProLiant Gen 10

     D. iLO5 Advanced

     E. HPE Synergy

A customer exceeded the number of available VLANs on their network. To resolve this issue, they enabled VXLAN. They inquire about upgrading their servers with the FlexFabric 650 series NIC after this change.

What is the benefit of tunnel offload?

    A. supports data deduplication when VXLAN is enabled

    B. decreases memory load caused by VXLAN

    C. supports data inflight encryption when VXLAN is enabled

    D. decreases CPU load caused by VXLAN

Suggested Answer: *D*

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

DRAG DROP -

Match the use case to the management component they should use.

Select and Place:

Component

HPE Apollo Platform Manager

HPE Insight Cluster Management Utility

HPE Intelligent Power Distribution Unit

HPE Synergy Composer

Use Case

A customer needs outlet level power control

A customer needs to control power on individual Apollo servers

A customer needs to create a server profile

A customer needs to update BIOS settings in an Apollo Server

Suggested Answer:

Component

HPE Apollo Platform Manager

HPE Insight Cluster Management Utility

HPE Intelligent Power Distribution Unit

HPE Synergy Composer

Use Case

HPE Intelligent Power Distribution Unit

HPE Apollo Platform Manager

HPE Synergy Composer

HPE Insight Cluster Management Utility

☐ 👤 **JKNG** `Highly Voted 👍` 4 years, 9 months ago

APM- control power on indv Apollo server

CMU - update BIOS settings in Apollo server

IPDU - outlet level power control

Synergy Composer - create a server profile

upvoted 5 times