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A customer has a multi-frame Synergy solution. The customer's Support team recently missed some important alerts in its Composer interface because each pair of Composers resides on a separate management network.

What should the customer do to minimize the risk of this reoccurring?

- A. Configure HPE Intelligent Management Center.
- B. Implement HPE Synergy Global Dashboard.
- C. Configure Remote Support.
- D. Implement HPE Systems Insight Manager.

Suggested Answer: *B*

Reference:

https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-c05061206&docLocale=en_US

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

DRAG DROP -

A customer needs a Synergy solution configuration with 40Gb uplinks that will connect to network equipment in a different rack.

Click and drag the cable type on the left to the corresponding distance between the frame and the network equipment on the right to meet the customer's needs.

Select and Place:

Transceiver/Cable Type	Distance Covered
QSFP+ MPO SR4 Transceiver	Between 5 and 15 meters
QSFP+ LC LR4 Transceiver	5 meters or less
QSFP+ DAC Cable	Between 300 meters and 10 km
QSFP+ Active Optical Cable	300 meters or less

Transceiver/Cable Type	Distance Covered
QSFP+ MPO SR4 Transceiver	Between 5 and 15 meters
Suggested Answer: QSFP+ LC LR4 Transceiver	5 meters or less
QSFP+ DAC Cable	Between 300 meters and 10 km
QSFP+ Active Optical Cable	300 meters or less

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

A customer's Synergy solution configuration needs redundant paths to the drives used in the HPE Synergy D3940 storage module. Which component must be redundant to meet the customer's requirement?

- A. HPE Synergy 12Gb SAS Connection Module
- B. HPE Synergy D3940 storage module
- C. HPE Smart Storage Battery with 260mm Cable Kit
- D. HPE Compute Module Smart Array P542D SAS Cable

Suggested Answer: A

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

A customer has HPE Synergy SY 480 compute modules with two CPUs and 384GB (16GB DIMMS) of memory. The customer needs to double the CPU and memory capacity for a Java application server.

What should a Synergy integrator do to meet the customer's need?

- A. Install an HPE Synergy SY 620 compute module and reassign the server profile.
- B. Upgrade the HPE Synergy SY 480 to two additional CPUs and replace 16Gb dims with 64Gb.
- C. Install an HPE Synergy SY 680 compute module and reassign the server profile.
- D. Upgrade the HPE Synergy SY 480 to two additional CPUs and replace 16Gb dims with 32Gb.

Suggested Answer: C

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

Refer to the exhibit.



A customer with the configuration shown attempts to configure a server profile for a new application that requires 20Gb of bandwidth, but the configuration fails.

The HPE SY 480 Gen9 compute modules have two Intel Xeon E5 2695 v4 processors, 256GB of RAM and HPE Synergy 3520C Converged Network Adapters installed.

What is the likely cause of the configuration failure?

- A. HPE Virtual Connect SE 40Gb F8 Module does not support 20Gb.
- B. Intel Processor does not have enough PCI-e lanes for 20Gb.
- C. HPE 10Gb Interconnect Link Module does not support 20Gb.
- D. Converged Network Adapter is unable to support 20Gb.

Suggested Answer: C

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

Using composable features, what should a Synergy integrator do to resolve high memory utilization on an HPE Synergy compute module?

- A. Use the API to optimize the memory allocation from the HPE Synergy fluid resource pool.
- B. Increase the allocated physical memory from the HPE Synergy fluid resource pool, and then reboot the compute module.
- C. Take a small outage and reassign the HPE OneView server profile to a higher capacity compute module.
- D. Increase the reversed physical memory in the Server Profile (SP), and then reapply.

Suggested Answer: B

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

How can a Synergy integrator increase the efficiency with which a Synergy solution can be provisioned? (Choose two.)

- A. Use Powershell to automate configuration and application of server profiles.
- B. Use Image Streamer to provide a stateless OS environment.
- C. Associate all Synergy frames with the same data center.
- D. Use a Multimodule Link Aggregation Group (MLAG) to automate link failover.
- E. Use Composer as a PXE server to automate OS deployments.

Suggested Answer: AB

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

DRAG DROP -

Use the arrow or click and drag the HPE Synergy components on the left to their correct order for a firmware update, based on HPE best practices, on the right.

Select and Place:

Component	Order
HPE Synergy Frame Link modules, interconnect modules, and I/O adapters.	
HPE Synergy Composer	
HPE Synergy Compute modules	
HPE Synergy Image Streamer	

Suggested Answer:	Component	Order
	HPE Synergy Frame Link modules, interconnect modules, and I/O adapters.	HPE Synergy Composer
	HPE Synergy Composer	HPE Synergy Image Streamer
	HPE Synergy Compute modules	HPE Synergy Frame Link modules, interconnect modules, and I/O adapters.
	HPE Synergy Image Streamer	HPE Synergy Compute modules

References:

<https://support.hpe.com/hpsc/doc/public/display?docId=c05355899>

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

A customer needs to attach 20 HPE 1TB 6G SAS SFF hard drives to an HPE Synergy 480 Gen9 compute module. The customer needs a fully redundant storage solution.

Which HPE products meet the customer's needs? (Choose three.)

- A. HPE D3940 storage module with HPE Synergy D3940 Redundant I/O Adapter.
- B. HPE D3940 storage module with Single I/O Adapter.
- C. two HPE Synergy 12Gb SAS Connection Modules
- D. two HPE Smart Array P542D Controllers
- E. one HPE Smart Array P542D Controller
- F. one HPE Synergy 12Gb SAS Connection Module

Suggested Answer: AEF

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

A customer needs to collect a support dump from its appliance, but when the customer attempts to save the support dump to a USB drive, no valid USB drive displays as available in the HPE Synergy Management Console.

Which action should the Synergy integrator propose to the customer?

- A. Verify that the USB being used is no larger than 4GB.
- B. Format the USB drive on a computer prior to collecting the support dump.
- C. Insert the USB drive in any of the compute nodes.
- D. Enable the compute module to format the USB drive prior to collecting the support dump.

Suggested Answer: B

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

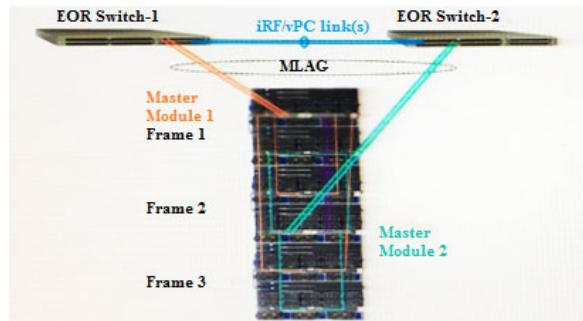
A Synergy integrator has planned a highly available Synergy composable fabric with 20Gb Interconnect Link Modules. What is the maximum number of SY 480 Gen9 compute modules the integrator can install into this configuration?

- A. 12
- B. 24
- C. 36
- D. 48

Suggested Answer: B

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

Refer to the exhibit.



Based on the Synergy configuration shown, what will be the outcome in the event of an end-of-row (EoR) switch failure?

- A. Smartlink will be triggered
- B. There will be no NIC failover.
- C. Uplink bandwidth will decrease.
- D. Server and downlinks will fail.

Suggested Answer: B

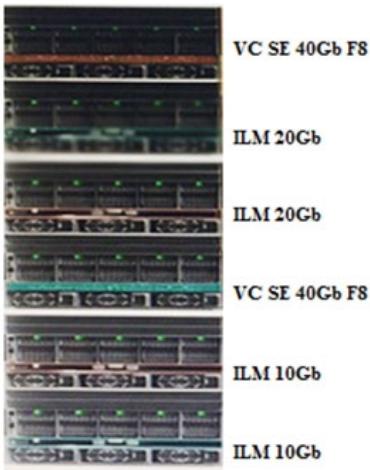
Currently there are no comments in this discussion, be the first to comment!

Refer to the exhibits.



A customer has a Synergy 2-frame design, as shown above.

Due to expanding business needs, the customer has ordered a third frame to expand the environment to a 3-frame fabric design, as shown below.



While attempting to extend the Logical Interconnect Group (LIG) for the enclosure group, the Synergy integrator is unable to add the third frame.

What is preventing the integrator from adding the third frame?

- A. The Virtual Connect SE 40Gb F8 modules are installed in the incorrect location.
- B. The incorrect interconnect Link modules have been installed.
- C. The Frame Link Module firmware has not been updated in the new frame.
- D. The HPE OneView software on the Composer has not been updated to the latest version.

Suggested Answer: C

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

DRAG DROP -

Use the arrow or click and drag the steps on the left to set up a new HPE Synergy 12000 Frame into the correct order on the right.

Select and Place:

Set up Steps

- Access the Hardware Setup screen from the Synergy console.
- Assign Composer IP addresses.
- Connect the power plugs for the frame.
- Connect the fabric and management network cables.
- Resolve any hardware setup errors.
- Populate the frame with compute, storage, fabric, and power options.
- Confirm inventory.

Order

Set up Steps

- Access the Hardware Setup screen from the Synergy console.
- Assign Composer IP addresses.
- Connect the power plugs for the frame.
- Connect the fabric and management network cables.
- Resolve any hardware setup errors.
- Populate the frame with compute, storage, fabric, and power options.
- Confirm inventory.

Suggested Answer:**Order**

Confirm inventory.
Populate the frame with compute, storage, fabric, and power options.
Connect the fabric and management network cables.
Connect the power plugs for the frame.
Resolve any hardware setup errors.
Access the Hardware Setup screen from the Synergy console.
Assign Composer IP addresses.

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

Refer to the exhibit.



A customer has an HPE Synergy 2-frame configuration, as shown. The customer has a new project and needs to increase the number of compute modules.

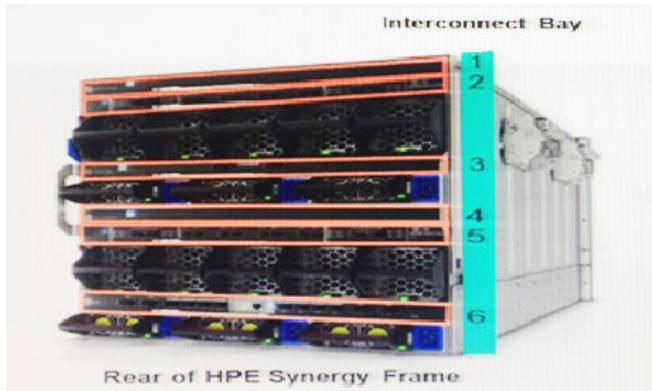
What is the maximum number of compute nodes that the customer's fabric could support?

- A. 24
- B. 36
- C. 48
- D. 60

Suggested Answer: B

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

Refer to the exhibit.



How should a Synergy integrator pair interconnect bays to set up redundant fabrics in an HPE Synergy 12000 Frame?

- A. Interconnect bays 1 and 2; bays 3 and 4; bays 5 and 6.
- B. Interconnect bays 1 and 4; bays 2 and 5; bays 3 and 6.
- C. Interconnect bays 1 and 6; bays 2 and 5; bays 3 and 4.
- D. Interconnect bays 1 and 3; bays 2 and 4; bays 5 and 6.

Suggested Answer: B

References:

<https://h20195.www2.hpe.com/v2/GetPDF.aspx/c04815113.pdf>

(13)

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

While troubleshooting a hardware issue, a Synergy integrator needs to provide HPE Support with a new support dump. What must the integrator be aware of when generating a support dump?

- A. When creating a new support dump, the previous support dump is deleted.
- B. Only two support dumps can exist on an appliance at any one time.
- C. Root level privileges are required to create a support dump.
- D. Management tasks are suspended during support dump creation.

Suggested Answer: B

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

A customer has a single frame with seven compute modules in bays 1-7. The customer also has an HPE Synergy 12Gb SAS Connection Module in slot 1. The customer recently made a change to require high availability for its storage.

What should the Synergy integrator do to meet the customer's requirement for high availability?

- A. Install an additional HPE D3940 storage module to support bays 7-12.
- B. Move the compute module from bay 7 to bay 12.
- C. Add another HPE Synergy 12Gb SAS Connection Module to bay 4.
- D. Move the mezzanine Card to slot 2 on each compute module.

Suggested Answer: C

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

A customer needs a consolidated infrastructure view for HPE Synergy and HPE BladeSystem c7000 enclosures. Which approach should the Synergy integrator take to meet the customer's needs?

- A. Enable federation in the HPE OneView appliance and add remote HPE OneView instances.
- B. Add remote enclosures to monitor the BladeSystem c7000 enclosures.
- C. Deploy HPE OneView Global Dashboard.
- D. Extend the Synergy out-of-band management ring to the c7000 Onboard Administrator ports.

Suggested Answer: C

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

Which utility compares currently running firmware with the upgrade firmware for the HPE Synergy 40Gb F8 Switch Module, which allows minimal downtime during the upgrade?

- A. SMU
- B. SUM
- C. VCSU
- D. ISSU

Suggested Answer: B

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

A customer has the following requirements for an HPE Synergy solution:

- Data for the internal application needs to be stored in the frame.
- Compute modules need to have access to a large database on an external storage array.
- The Synergy infrastructure should be managed with HPE OneView.

How should a Synergy integrator configure the module installation?

- A. two SAS Connection Modules into bays 1 and 2; two Synergy 40Gb F8 switch module into bays 3 and 4; two Brocade 16 Gb/12 Fibre Channel switches into bays 5 and 6
- B. two SAS Connection Modules into bays 1 and 4; two HPE Synergy Virtual Connect SE 40Gb F8 modules into bays 3 and 6
- C. two SAS Connection Modules into bays 1 and 2; two HPE Synergy Virtual Connect SE 40Gb F8 modules into bays 3 and 4
- D. two SAS Connection Modules into bays 1 and 4; two Synergy 40Gb F8 switch module into bays 2 and 5; two Brocade 16 Gb/12 Fibre Channel switches into bays 3 and 6

Suggested Answer: C

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

A customer is using HPE Synergy Composer to manage the compute module and 3PAR volume attachments. The datastore attached to VMware servers has run out of space.

What is the most efficient procedure the Synergy integrator should follow to extend the volume with minimum effect on the compute modules?

- A. Set the volume to maintenance mode and increase the volume in 3PAR SSMC.
- B. Create a snapshot and increase the capacity of the snapshot directly in the Synergy Composer.
- C. Increase the capacity of the volume in the combined profile form.
- D. Increase the capacity of the volume directly in the Synergy Composer.

Suggested Answer: D

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

In a 3-frame HPE Synergy environment, how should a Synergy integrator place the Image Streamer modules to allow for redundancy to all of the management connections?

- A. one Image Streamer module in each Synergy frame (3 total)
- B. one Image Streamer module in frame 2 and a second Image Streamer Module in frame 3 (2 total)
- C. two Image Streamer modules in the frame 1 (2 total)
- D. two Image Streamer modules in frame 2 and two Image Streamer Module in frame 3 (4 total)

Suggested Answer: C

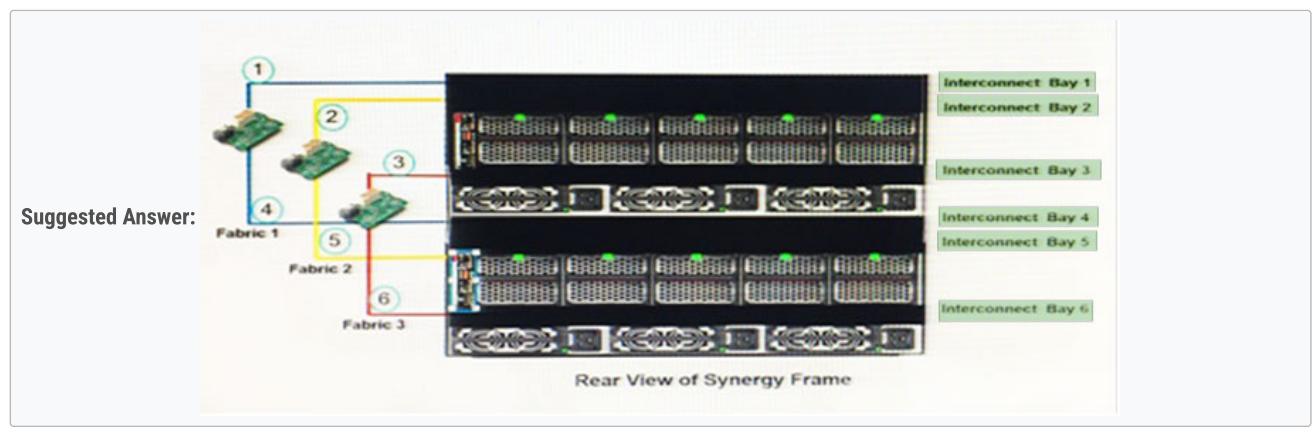
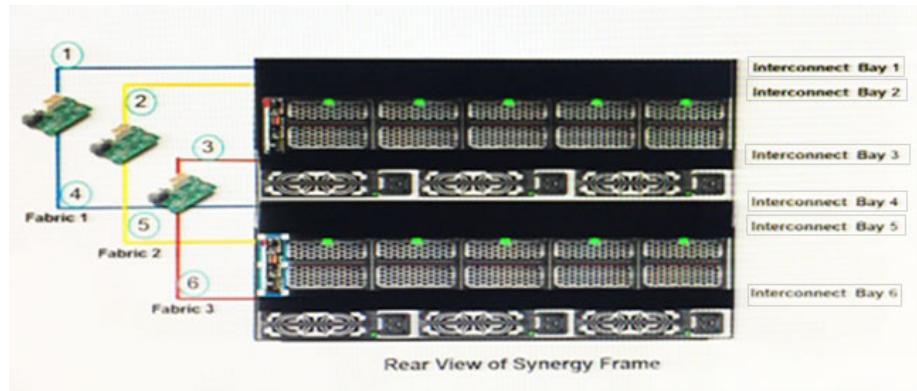
Currently there are no comments in this discussion, be the first to comment!

HOTSPOT -

A customer needs to incorporate the HPE Synergy D3940 Composable Storage Module into its environment.

Click the adapter associated with the fabric in which the customer should install the P542 controller.

Hot Area:



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

A customer attempts to use an HPE Synergy Composer to discover an HPE BladeSystem c7000 enclosure.

The customer is unable to migrate the HPE BladeSystem c7000 enclosure into the HPE Synergy Composer.

What is preventing the customer from completing this task?

- A. The migration must be initiated from the HPE OneView managing the HPE BladeSystem c7000 enclosure.
- B. The HPE BladeSystem c7000 enclosure must be cabled to the Synergy management network.
- C. The HPE OneView managing the HPE BladeSystem c700 enclosure must be upgraded to HPE OneView 3.0 before the Synergy Composer can migrate.
- D. The Synergy Composer only supports HPE Synergy products.

Suggested Answer: B

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

A customer that uses a third-party storage array plants to set up Fibre Channel (FC) zones with the new HPE Synergy 12000 Frame. Which tool creates the FC zones in a Synergy solution?

- A. storage page in the Synergy console
- B. Virtual Connect module manager
- C. corresponding SAN manager
- D. Storage array command line utility

Suggested Answer: A

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