

# HP2-T29<sup>Q&As</sup>

Delta - Building HP Server Solutions

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## QUESTION 1

Which statement is true regarding Virtual Connect FlexFabric-20/40 F8 Modules\?

- A. Four internal stacking links are provided.
- B. There is no support for full height blades
- C. There is mixed traffic support in paired uplinks.
- D. A maximum of six modules are allowed in a single enclosure.

Correct Answer: D

Explanation:

[Bay 1]	VC FlexFabric-20/40 F8	->	VC FlexFabric-20/40 F8 or Empty	[Bay 2]	FlexFabric Adapter 10/20 LOM
[Bay 3]	VC FlexFabric-20/40 F8	->	VC FlexFabric-20/40 F8 or Empty	[Bay 4]	FlexFabric Adapter 10/20 Mezzanine
[Bay 5]	VC FlexFabric-20/40 F8	->	VC FlexFabric-20/40 F8 or Empty	[Bay 6]	FlexFabric Adapter 10/20 Mezzanine
[Bay 7]	Empty	->	Empty	[Bay 8]	

## QUESTION 2

Which product is used to provide in-depth testing of critical hardware components, such as CPU and memory?

- A. HP Offline Insight Diagnostics
- B. HPOneView
- C. HP Sea of Sensors
- D. HP Smart Storage Administrator

Correct Answer: A

Reference:

[http://h20564.www2.hp.com/hpsc/doc/public/display?docId=emr\\_na-c00300504andDocLang=enanddocLocale=en\\_USandjumpid=reg\\_r1002\\_usen\\_c-001\\_title\\_r0001](http://h20564.www2.hp.com/hpsc/doc/public/display?docId=emr_na-c00300504andDocLang=enanddocLocale=en_USandjumpid=reg_r1002_usen_c-001_title_r0001)

## QUESTION 3

Which BIOS mode is implemented in ProLiant Gen9 Servers\?

- A. UEFI with Compatibility only
- B. Legacy BIOS

C. Both UEFI and UEFI with Compatibility

D. UEFI only

Correct Answer: C

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#### QUESTION 4

Which items should be updated to the latest firmware levels prior to adding a c7000 enclosure to HP OneView?(Select two.)

A. Smart Array Controllers

B. Virtual Connect Modules

C. Onboard Administrators

D. SAS Interconnect Switches

E. Server System ROMs

Correct Answer: BC

Explanation: <http://thesysadminlogs.wordpress.com/>

#### Adding enclosure to OneView

Let's start with the requirement to add enclosure,

#### **No VC domain!**

#### Firmwares -

- HP Virtual Connect - 3.15 for adding, 4.10 for managing.
- HP BladeSystem Onboard Administrator - 3.0 for adding, 4.01 for managing.
- HP iLO 4 - 1.01 for adding 1.30 for managing.
- HP iLO 3 - 1.20 for adding, 1.61 for managing.
- It's recommended to update OA, VC and servers to the latest SPP...
- Emulex Converged Network Adapters - 4.2.401.6 or later

OneView can automatic update the firmware for you, I advise to update manually before adding to OneView.

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#### QUESTION 5

## Active Health System

Monitors and records changes in the server hardware and system configuration  
Monitors hardware, generates alerts, and runs on the iLO chipset  
Provides out-of-the box single-server deployment and configuration capability  
Provides secure export of logs to speed up troubleshooting

## Intelligent Provisioning

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## Embedded Remote Support

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Hot Area:

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Correct Answer:



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### QUESTION 6

Which interface uses RESTful to connect to management software application?

- A. HP oneView
- B. HP Insight Control
- C. HP System Insight Manager
- D. HP virtual connect Enterprise manager

Correct Answer: A

Explanation:

Open integration can address a variety of user needs, including:

- Automating standard workflows and troubleshooting steps
- Automating integrations (for example, a configuration management database)
- Connecting to service desks
- Monitoring resources, collecting data, and mapping and modeling of systems
- Exporting data to formats that suit individual needs
- Attaching custom databases, data warehouses, or third-party business intelligence tools
- Integrating in-house user customizations

### OneView resource managers

OneView has a resource-oriented architecture that provides a uniform RESTful interface. Every resource has one uniform resource identifier (URI) and represents a physical device or logical construct. You can use REST APIs to manipulate resources.

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#### QUESTION 7

You need to update the iLO firmware on all server blades in a single enclosure. Which iLO feature can you use to complete this task?"

- A. iLO Federation
- B. Embedded Remote Support
- C. iLO RIS Repository
- D. Enclosure Firmware Management

Correct Answer: A

Explanation:

When you select a group, HP SUM displays information about the group, including a description, server types, number of servers, and installed firmware versions. HP SUM only deploys system ROM and iLO firmware to iLO Federation group nodes.

The HP SUM iLO **Federation** feature relies on proper configuration of iLO Federation groups before you launch HP SUM. Multiple iLO Federation groups with the same name or fragmented iLO Federation groups result in HP SUM only working with a portion of the expected systems.

HP SUM supports scalability with iLO Federation, including the ability to:

- Automatically discover iLO Federation Groups on the management network.
  - Update the iLO and ROM firmware on ProLiant servers in the iLO Federation group through the iLO.
  - Update all applicable firmware on ProLiant servers in the iLO Federation group using the iLO using offline firmware deployment.
  - Deploy VMware vSphere Installation Bundles (VIBs) and Linux firmware RPM Package Managers.
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#### QUESTION 8

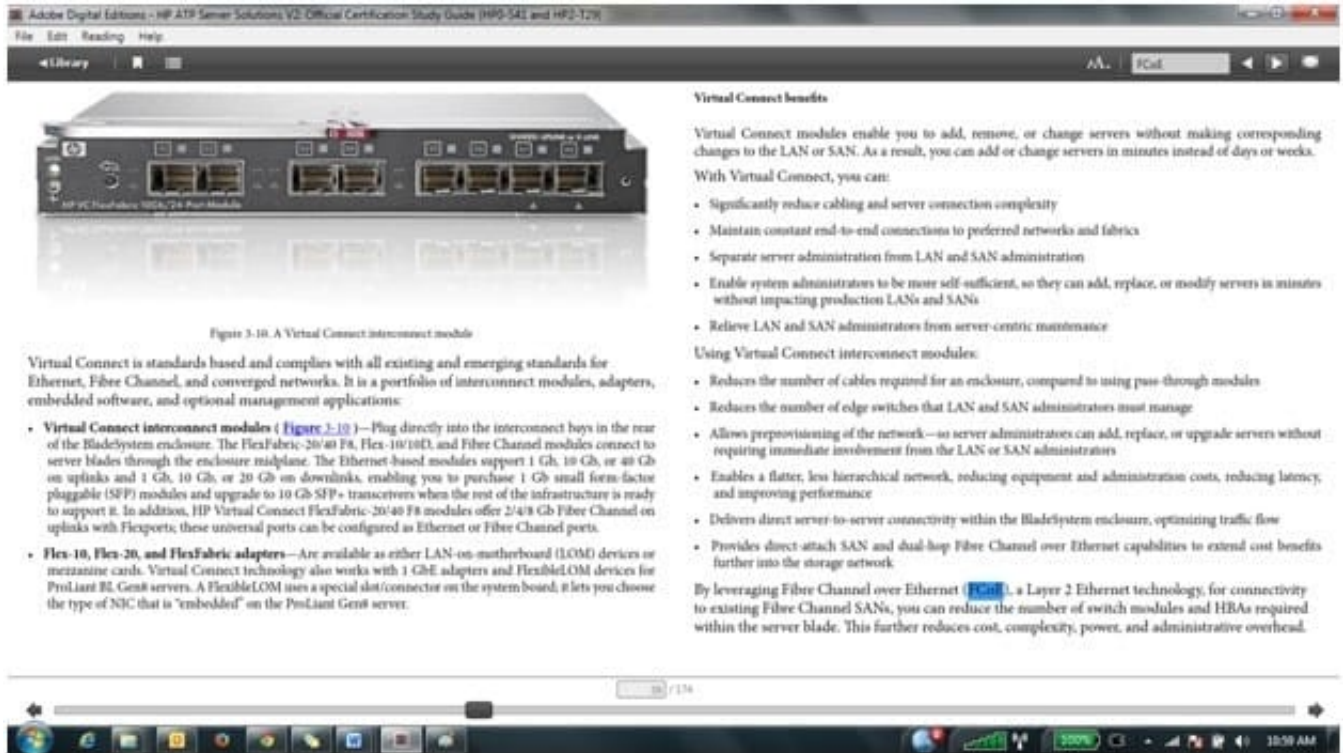
Which adapter can be configured to support FCoE?

- A. Flex-10
- B. Fibre Channel HBA
- C. FlexFabric
- D. VC-Fibre Channel

Correct Answer: C

Explanation: Explanation/reference:





## QUESTION 9

What are benefits of implementing a blade architecture instead of traditional rack mount server?

- A. Embedded Disaster recovery capability
- B. Shared I/O infrastructure
- C. More predictable MTBF
- D. Reduce Power Infrastructure
- E. Shared Memory

Correct Answer: BD

## QUESTION 10

Which memory technology combines the speed and long life of DRAM with the persistent storage of flash memory\?

- A. DDR3
- B. DDR4
- C. NVDIMM
- D. HDIMM

Correct Answer: C

Reference: [http://h20564.www2.hp.com/hpsc/doc/public/display?docId=emr\\_na-c03085761&DocLang=en&docLocale=en\\_US&jumpid=reg\\_r1002\\_usen\\_c-001\\_title\\_r0001](http://h20564.www2.hp.com/hpsc/doc/public/display?docId=emr_na-c03085761&DocLang=en&docLocale=en_US&jumpid=reg_r1002_usen_c-001_title_r0001)

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