

HP2-T29^{Q&As}

Delta - Building HP Server Solutions

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QUESTION 1

Which component has been introduced for HP Gen9 servers\?

- A. Smart Socket Guide
- B. HP Intelligent Provisioning
- C. HP OneView
- D. Flex Slot form factor power supply

Correct Answer: D

Explanation:

HP 300 series Flex Slot form factor power supply

Select ProLiant Gen9 servers feature HP Flex Slot power supplies ([Figure 1-20](#)). Flex Slot power supplies represent a new generation of toolless, hot-swappable components that use the cross-platform interchangeability model **introduced** with HP Common Slot power supplies. Flex Slot power supplies achieve the same degree of efficiency as Common Slot power supplies but use 25% less space, thus allowing more room for compute and I/O connectivity functions in the server chassis.

QUESTION 2

Which HP solution contains useful utilities, driver and firmware?

- A. HP Service pack for ProLiant
- B. HP insight Diagnostics
- C. HP insight remote support
- D. HP Smart Storage pack

Correct Answer: A

Explanation:

SPP includes firmware not only for servers but also for controllers, storage, blades, and enclosures, as well as other system software components (drivers, agents, utilities), all tested together as a bundled set for an extended cycle. All of these firmware and software components are deployed by HP SUM. SPP deploys system software for Linux- and Windows-based ProLiant and BladeSystem servers and firmware for many VMware-based systems. [Figure 6-11](#) illustrates the SPP firmware update process.

QUESTION 3

You have a c7000 Enclosure fully equipped with Gen9 Server blades. With HP management platform does HP recommend to manage this environment?

- A. HP Server Automation
- B. HP insight Diagnostics
- C. HP insight Control
- D. HP OneView

Correct Answer: D

QUESTION 4

Match the HP Server family to the proper statement

HP BL servers

density-optimized for stacking in rack-mounted server environments
available in rack and tower models
cost-effective starter server for businesses with fewer than 10 clients
provides reduction in power cables, LAN and SAN switches

ProLiant MicroServer

density-optimized for stacking in rack-mounted server environments
available in rack and tower models
cost-effective starter server for businesses with fewer than 10 clients
provides reduction in power cables, LAN and SAN switches

HP DL servers

density-optimized for stacking in rack-mounted server environments
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cost-effective starter server for businesses with fewer than 10 clients
provides reduction in power cables, LAN and SAN switches

HP ML servers

density-optimized for stacking in rack-mounted server environments
available in rack and tower models
cost-effective starter server for businesses with fewer than 10 clients
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Hot Area:

HP BL servers

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QUESTION 5

Support for which technology has been introduced in ProLiant Gen 9 servers?

- A. Location Services
- B. FlexibleLOMs
- C. NVDIMM Memory
- D. HP OneView

Correct Answer: C

QUESTION 6

Your customer does not install OS locally but is utilizing network boot over IPv6. Which server supports IPv6 PXEboot?

- A. ML350 Gen8
- B. DL980 G7
- C. DL580 Gen8
- D. DL380 Gen8

Correct Answer: C

Explanation:

UEFI support

Like the ProLiant Gen9 servers, the ProLiant DL580 Gen8 server includes Unified Extensible Firmware Interface (UEFI) enhanced by HP ([Figure 2-5](#)), a superset of the standard UEFI specifications that offers an advanced feature set.

The UEFI enhanced by HP offers robust functionality, including:

- Configuring system devices and installed options
 - Secure Boot, which allows the system firmware, option card firmware, operating systems, and software to collaborate to enhance platform security
 - Enabling and disabling system features
 - Preboot Execution Environment (PXE) boot support for IPv6 networks
 - PXE Multicast Boot allowing for faster PXE deployments for large numbers of servers
 - Enhanced UEFI Shell that provides a preboot environment for running scripts and tools
 - Access to the iLO 4 management engine
-

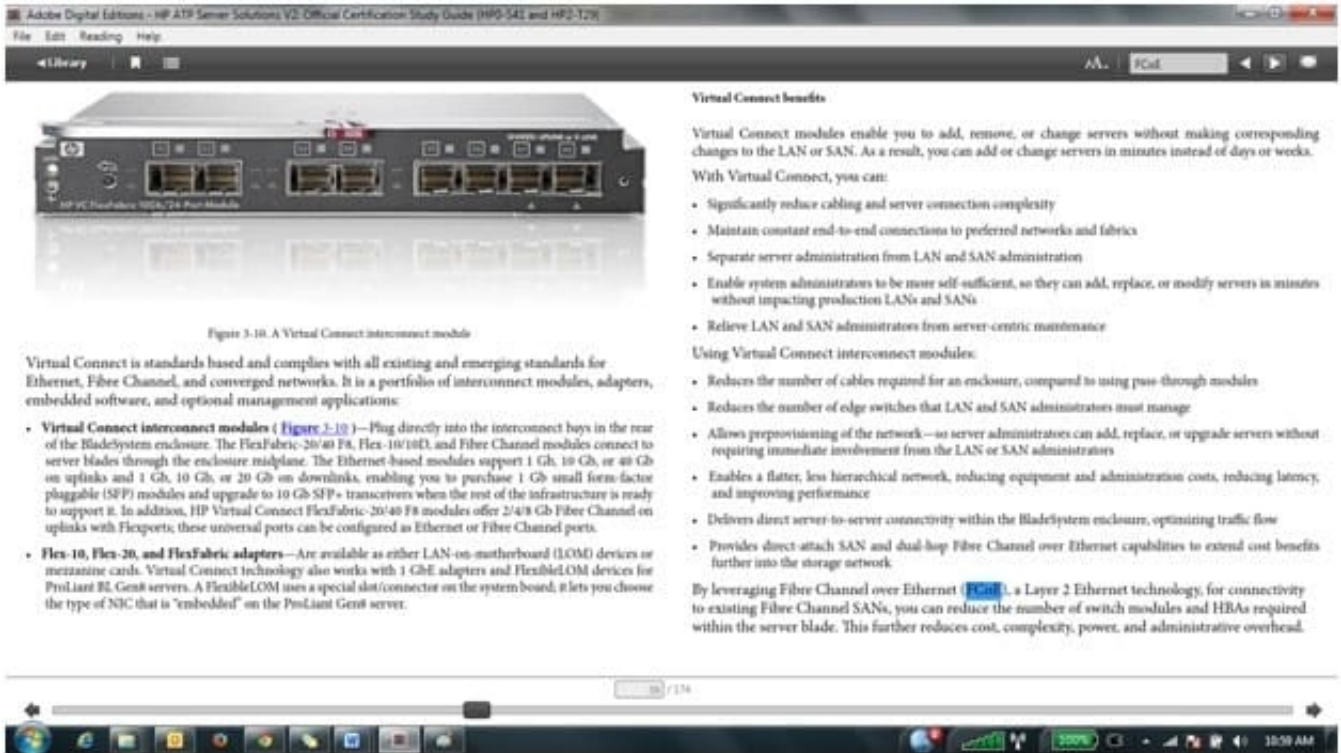
QUESTION 7

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:



The screenshot shows a PDF document titled "HP AT9 Server Solutions V2: Official Certification Study Guide (HP0-542 and HP2-T29)". On the left, there is a photograph of a Virtual Connect interconnect module, a black server blade with multiple ports. Below the photo is the caption "Figure 3-10. A Virtual Connect interconnect module". To the right of the photo, the text describes Virtual Connect as standards-based and compliant with existing and emerging standards for Ethernet, Fibre Channel, and converged networks. It lists several benefits and features, including: Virtual Connect interconnect modules (plug directly into interconnect bays), Flex-10, Flex-20, and FlexFabric adapters (available as LAN-on-motherboard or mezzanine cards), and Virtual Connect benefits (reducing cabling complexity, maintaining connections, separating server administration, enabling self-sufficient administrators, and relieving LAN/SAN administrators from maintenance). The document also lists benefits of using Virtual Connect interconnect modules, such as reducing cables, reducing edge switches, allowing preprovisioning, enabling flatter networks, and providing direct server-to-server connectivity. The bottom of the screenshot shows a Windows taskbar with the time 10:59 AM.

QUESTION 8

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

QUESTION 9

After a customer installs the supported operating system in a new HP ProLiant Gen8 server, the operating system is unable to boot. Which action should you take?

- A. Reinstall the operating system.
- B. Force a restart from HP OneView Dashboard
- C. Check the drive controller boot order.

D. Clear the BIOS.

Correct Answer: A

Reference:

http://h20565.www2.hp.com/hpsc/doc/public/display?docId=emr_na-c01610224&docLocale=en_US&jumpid=reg_r1002_usen_c-001_title_r0003

QUESTION 10

A c7000 enclosure has been added to HP OneView. How is monitoring enabled on the server blades in this enclosure?

- A. manually from the HP OneView Dashboard view
- B. automatically when the enclosure is added to HP OneView
- C. through a set of customized PowerShell scripts
- D. by installing SNMP Agent on the managed blades

Correct Answer: B

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