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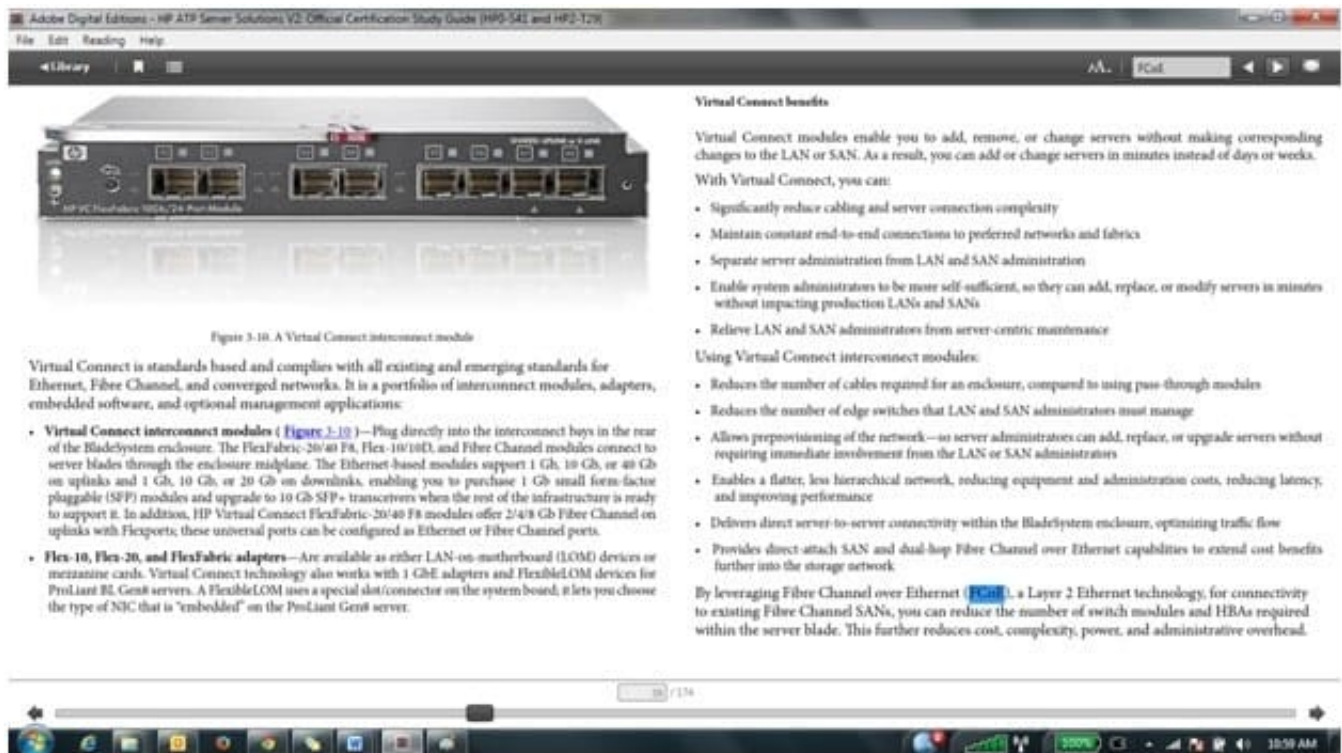
QUESTION 1

Which HP Blade system interconnect module supports FCoE?

- A. MDS 9124e Fabric switch
- B. HP 4XFDR Infiniband switch
- C. Catalyst 3020 Blade switch
- D. Virtual Connect FlexFabric-20/40 F8

Correct Answer: B

Explanation:



The screenshot shows a PDF document titled "HP AT9 Server Solutions V2: Official Certification Study Guide (HP0-542 and HP0-129)". The document features a photograph of a Virtual Connect interconnect module (Figure 3-10) and a list of its benefits. The module is a rack-mountable device with multiple ports and a control panel. The text describes how Virtual Connect modules enable server management changes to be made in minutes rather than days or weeks. It lists several benefits, including reduced cabling complexity, constant end-to-end connections, separate LAN and SAN administration, and self-sufficient system administrators. The document also mentions that Virtual Connect modules support various standards like Ethernet, Fibre Channel, and converged networks.

Virtual Connect benefits

Virtual Connect modules enable you to add, remove, or change servers without making corresponding changes to the LAN or SAN. As a result, you can add or change servers in minutes instead of days or weeks.

With Virtual Connect, you can:

- Significantly reduce cabling and server connection complexity
- Maintain constant end-to-end connections to preferred networks and fabrics
- Separate server administration from LAN and SAN administration
- Enable system administrators to be more self-sufficient, so they can add, replace, or modify servers in minutes without impacting production LANs and SANs
- Relieve LAN and SAN administrators from server-centric maintenance

Using Virtual Connect interconnect modules:

- Reduces the number of cables required for an enclosure, compared to using pass-through modules
- Reduces the number of edge switches that LAN and SAN administrators must manage
- Allows preprovisioning of the network—so server administrators can add, replace, or upgrade servers without requiring immediate involvement from the LAN or SAN administrators
- Enables a flatter, less hierarchical network, reducing equipment and administration costs, reducing latency, and improving performance
- Delivers direct server-to-server connectivity within the BladeSystem enclosure, optimizing traffic flow
- Provides direct-attach SAN and dual-hop Fibre Channel over Ethernet capabilities to extend cost benefits further into the storage network

By leveraging Fibre Channel over Ethernet (FCoE), a Layer 2 Ethernet technology, for connectivity to existing Fibre Channel SANs, you can reduce the number of switch modules and HBAs required within the server blade. This further reduces cost, complexity, power, and administrative overhead.

QUESTION 2

What does Secure Boot configuration support?

- A. Verifying boot media up to and including the boot manager
- B. Signing and verifying UEFI executable files up to and including the boot manager only
- C. Signing and verifying both legacy BIOS and UEFI executable files up to and including the boot manager
- D. Signing and verifying legacy BIOS executable files up to and including the boot manager only

Correct Answer: B

Explanation:

A Secure Boot configuration supports signing and verification for UEFI executable files, up to and including the boot manager. Together with verification performed by the operating system, Secure Boot helps protect the operating system from malware by performing a verification of each component, beginning with the platform reboot. Secure Boot prevents modification of the verification process, the keys, or any other variables by untrusted code or entities.

QUESTION 3

Which functionality does Onboard Administrator provide?

- A. Virtual Connect stacking
- B. connectivity to all network cards for server blades
- C. management of the enclosure
- D. iLO Federation functionality

Correct Answer: C

Explanation:

The OA module offers web-based and command-line interface manageability. It has two major functions:

- Driving all management features through the two Inter-Integrated Circuit (I2C) and Intelligent Chassis Management Bus (ICMB) interfaces
- Aggregating up to 16 iLO ports in a c7000 enclosure and up to eight iLO ports in a c3000 enclosure, simplifying cable management, and providing a GUI to launch individual server iLO management interfaces

The rear of each module has an LED (blue UID) that can be enabled (locally and remotely) and used to identify the enclosure from the back of the rack.

QUESTION 4

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

QUESTION 5

Which functionalities are included in the Onboard Administrator?(Select two.)

- A. It allocates power based on the measured maximum power following insertion of a blade server.
- B. It permits the administrator to assign the device bay number following insertion of a blade server. It allows manual pairing of specific blade servers to specific power supplies.
- C. It surveys blade servers to verify and display the functionality of server NICs.
- D. It verifies that interconnect modules and mezzanine cards are compatible.

Correct Answer: AC

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