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QUESTION 1

Which features does HP Care Pack Services provide to customers\?(Select two.)

- A. installation services
- B. Intelligent Provisioning
- C. Agentless Management Service (AMS)
- D. expanded and extended standard warranties
- E. ROI analysis for HP servers

Correct Answer: AD

Explanation:

- **HP warranties and support**—HP provides a limited warranty for ProLiant servers of either one or three years' parts and labor, depending on the server.
 - **Care Pack Services**—A popular support option, Care Pack Services are support packages that expand and extend standard warranties for HP hardware and software. They provide hardware and software support, installation services, education services, and premium support options for business-critical IT environments.
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QUESTION 2

Which HP system management tool is activated and configured through HP ROM-based Setup Utility?

- A. HP Intelligent Provisioning
- B. HP Onboard Administrator
- C. Automatic System Recovery
- D. HP OneView

Correct Answer: A

Reference:http://h20564.www2.hp.com/hpsc/doc/public/display?docId=emr_na-c00729544&DocLang=en&docLocale=en_US&jumpid=reg_r1002_usen_c-001_title_r0001

QUESTION 3

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.

QUESTION 4

In which device bay can a D2220sb storage blade be installed when partnered with and placed in the same zone as a half-height blade server?

- A. in a device bay directly below the partner blade
- B. in a device bay directly above the partner blade
- C. in the same device bay as the partner blade
- D. in a device bay adjacent to the partner blade

Correct Answer: D

QUESTION 5

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:

Figure 3-10. A Virtual Connect interconnect module

Virtual Connect is standards based and complies with all existing and emerging standards for Ethernet, Fibre Channel, and converged networks. It is a portfolio of interconnect modules, adapters, embedded software, and optional management applications:

- Virtual Connect interconnect modules** (Figure 3-10)—Plug directly into the interconnect bays in the rear of the BladeSystem enclosure. The FlexFabric-20/40 F8, Flex-10/10E1, and Fibre Channel modules connect to server blades through the enclosure midplane. The Ethernet-based modules support 1 Gb, 10 Gb, or 40 Gb on uplinks and 1 Gb, 10 Gb, or 20 Gb on downlinks, enabling you to purchase 1 Gb small form-factor pluggable (SFP) modules and upgrade to 10 Gb SFP+ transceivers when the rest of the infrastructure is ready to support it. In addition, HP Virtual Connect FlexFabric-20/40 F8 modules offer 2/4/8 Gb Fibre Channel on uplinks with Flexports; these universal ports can be configured as Ethernet or Fibre Channel ports.
- Flex-10, Flex-20, and FlexFabric adapters**—Are available as either LAN-on-motherboard (LOM) devices or mezzanine cards. Virtual Connect technology also works with 1 GbE adapters and FlexibleLOM devices for ProLiant BL Gen8 servers. A FlexibleLOM uses a special slot/connector on the system board; it lets you choose the type of NIC that is “embedded” on the ProLiant Gen8 server.

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.

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