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Exam : HP0-S17

Title : Integrating and Managing HP
BladeSystem in the Enterprise

Vendors : HP

Version : DEMO

NO.1 Which industry standard technologies are compatible with the SB600c AiO Storage Blade? (Select two.)

- A.ATA
- B.SAS
- C.SCSI
- D.iSCSI
- E.SATA

ANSWER: BD

NO.2 Your customer has a c7000 Enclosure and two power supplies installed in bays 1 and 2. They are switching from single-phase power to a three-phase power subsystem with full redundancy. Which action is necessary to make this configuration work and be supported?

- A.Install 4 additional power supplies.
- B.Move the power supplies to bays 1 and 4.
- C.Turn off the Dynamic Power Saver feature.
- D.Enable three-phase power using the Onboard Administrator.

ANSWER: A

NO.3 Which service features are included in the Enhanced Network Installation and Startup Service for

BladeSystem Switches? (Select two.)

- A.verification of operation
- B.confirmation of software revisions
- C.comprehensive porting and migration
- D.systematic analysis of configurations for software patch version inconsistencies
- E.proactive and rapid-response services to protect strategic operations against downtime risks

ANSWER: AB

NO.4 A BladeSystem enclosure is managed by one Onboard Administrator that failed. Which functionality is still available? (Select two.)

- A.iLO 2 is accessible.
- B.All fans are up and running.
- C.Server blades can access the SAN.
- D.New server blades can be added and powered up.

E.New interconnect devices can be added and powered up.

ANSWER: BC

NO.5 A customer wants to deploy a c7000 Enclosure and six server blades in a datacenter with limited power. How can they ensure the solution fits within the available datacenter power envelope?

A.The customer needs to make sure they have at least 6750 watts of available power in every case.

B.Use the HP BladeSystem Sizer to determine how much power is needed for the configuration they want to deploy.

C.Use the HP Rack and Power tool to determine how much power is needed for the configuration they want to deploy.

D.Use the Enterprise Configurator in ActiveAnswers to determine how much power is needed for the configuration they want to deploy.

ANSWER: B

NO.6 Which interconnect module offered by HP has the capability of assigning a configuration profile to a specific server blade?

A.GbE2c Switch

B.Cisco 3020 Switch

C.Virtual Connect Ethernet

D.Ethernet Pass-Thru Module

ANSWER: C

NO.7 Which management suite delivers core management functionality for the HP BladeSystem solution, including server deployment, health monitoring, performance monitoring, vulnerability scanning and patch management?

A.HP Storage Essentials

B.HP Operations Software

C.Insight Control Environment

D.HP Systems Insight Manager

ANSWER: C

NO.8 Which devices can be assigned an IP address through Enclosure Bay IP Addressing (EBIPA) for

c-Class server blades? (Select two.)

- A.iLO 2 cards
- B.interconnects
- C.Insight Display
- D.LAN interfaces of mezzanine cards
- E.iSCSI target IP address on server blades

ANSWER: AB

NO.9 What is the purpose of the HP StorageWorks SB40c Storage Blade?

- A.provides a blade form factor tape solution for any server supporting the TCP/IP protocol
- B.provides a blade form factor networked shared storage for any server supporting IP-based storage

(iSCSI)

- C.provides additional storage capabilities dedicated to a single server blade within the same c7000

Enclosure

- D.provides additional storage capabilities dedicated to a single server blade in another linked c7000

Enclosure

ANSWER: C

NO.10 You are administrating several c-Class enclosures and are looking for a unified authentication system

for all iLO cards and Onboard Administrator modules.

What is the proper solution?

- A.HP Protect Tools
- B.Credential Manager
- C.Virtual Connect Enterprise Manager
- D.Lightweight Directory Access Protocol (LDAP)

ANSWER: D

NO.11 Which features does Virtual Connect Ethernet module (VC-Enet) provide in a network environment?

(Select two.)

- A.VC-Enet can stack across four enclosures in a rack.

- B.VC-Enet appears as an HP ProCurve device to other network devices.
- C.VC-Enet will not add any new switches for the network administrator to manage.
- D.VC-Enet domains can be created directly using the Onboard Administrator console.

ANSWER: AC

NO.12 Which industry standard memory technology can be used by Intel Xeon-based c-Class server blades

to provide additional protection against failed or degrading FB-DIMMs? (Select two.)

- A.Advanced ECC
- B.mirrored memory
- C.registered DIMMs
- D.online spare memory
- E.interleaved memory support

ANSWER: BD

NO.13 A customer that usually works with a c3000 Enclosure needs to use the external DVD drive on a

c7000 Enclosure and connect the drive to all servers in the c7000 Enclosure.

How can the external DVD drive on the c7000 Enclosure be accessed?

- A.Use the DVD drive integrated in the c7000 Enclosure.
- B.Use the DVD drive connected to the downlink port of the c7000 Enclosure.
- C.Use the DVD drive connected to the USB port on an Onboard Administrator module.
- D.Use the DVD drive attached through the serial/USB/video cable attached to any server blade.

ANSWER: C

NO.14 Your customer wants to replace an existing c3000 Enclosure with a c7000 Enclosure. Which

components from the c3000 Enclosure can be reused in the c7000 Enclosure? (Select three.)

- A.fans
- B.power supplies
- C.interconnect modules
- D.server and storage blades
- E.Onboard Administrator module

ANSWER: ACD

NO.15 Which industry standard processor options are supported in the HP BL460c Server Blade? (Select two.)

- A. Dual-Core Intel Xeon
- B. Quad-Core Intel Xeon
- C. Dual-Core Intel Itanium2
- D. Dual-Core AMD Opteron
- E. Quad-Core AMD Opteron

ANSWER: AB

NO.16 An administrator configures an HP c7000 Enclosure using Onboard Administrator. Which option can be used to automatically configure IP addresses for all iLO cards and interconnect modules?

- A. Insight Display
- B. Virtual Connect Manager
- C. Interconnect LAN Manager
- D. Enclosure Bay IP Addressing (EBIPA)

ANSWER: D

NO.17 The Virtual Connect Fibre Channel module uses which type of Port ID Virtualization protocol to aggregate multiple Fibre Channel HBAs over a smaller number of physical uplinks?

- A. E_Port
- B. F_Port
- C. L_Port
- D. N_Port

ANSWER: D

NO.18 Which industry standard protocols are used by HP SIM? (Select two.)

- A. XML
- B. TFTP
- C. iSCSI
- D. WBEM
- E. NetBEUI

ANSWER: AD

NO.19 Which ProLiant Essentials Value Pack is an integrated power monitoring and management application that provides centralized monitoring and control of datacenter power consumption and thermal output?

- A. Insight Power Manager
- B. HP Rack and Power Manager
- C. Performance Management Pack
- D. Vulnerability and Patch Management Pack

ANSWER: A

NO.20 Which interconnect option creates domains and stacks LAN modules across c7000 Enclosures?

- A. GbE2c Ethernet
- B. Virtual Connect Ethernet
- C. Ethernet Pass-Thru Module
- D. Virtual Connect Fibre Channel

ANSWER: B

NO.21 Which tool tests and evaluates the hardware and software configuration of systems where HP SIM is installed or is being considered for installation?

- A. Insight Control Advisor
- B. HP SIM Capacity Planner
- C. Active Answers Solution Sizer
- D. Site Installation Preparation Utility

ANSWER: A

NO.22 You are replacing one of your redundant GbE2c interconnect switch modules in your c7000 Enclosure.

What must you be aware of when you install a replacement GbE2C switch with default settings into the enclosure?

- A. Crosslink ports are disabled and redundancy is lost between switches.
- B. Crosslink ports are enabled and will cause a loop in your switch topology.
- C. Uplink ports are disabled and must be enabled manually in the switch manager.
- D. Downlink ports are disabled and must be enabled manually in the switch manager.

ANSWER: A

NO.23 After replacing a failed drive in a server blade, your customer complains about long logical drive time

recovery. What can you do to reduce recovery time?

- A. Migrate the logical drive to RAID 6.

- B. Install MPIO software on the server blade.
- C. Set the rebuild priority to high on the controller.
- D. Enable the Tagged Command Queuing (TCQ) feature on the hard drive.

ANSWER: C

NO.24 A customer has a Virtual Connect managed enclosure and needs to move one of the blades to a non-virtual connect enclosure.

What should be done so that duplicate MAC addresses and WWNs do not appear in the datacenter due to server blade deployment?

- A. Enable the Reset to factory default switch on the blade system board.
- B. Run the erase utility on the blade before plugging the server to the network.
- C. First delete all MAC and WWNs configurations while the server is in the VC managed enclosure and then move the server to the non-VC managed enclosure.
- D. MAC addresses and WWNs are automatically returned to factory defaults when the server is moved to the non-Virtual connect enclosure so no duplicate MAC addresses or WWNs appear.

ANSWER: D

NO.25 What is an advantage of a c7000 Enclosure compared to a c3000 Enclosure in an enterprise environment?

- A. N+N redundancy in the power subsystem
- B. Virtual Connect and storage blade support
- C. interconnect redundancy for integrated NICs
- D. application of Onboard Administrator advanced license

ANSWER: C

NO.26 Your customer is looking for an Ethernet interconnect with Fibre uplinks for their c7000 Enclosure.

Which interconnects should be considered? (Select two.)

- A. GbE2c Switch
- B. Infiniband switch
- C. Cisco Catalyst 3020
- D. GbE2c Layer 2/3 Switch
- E. Ethernet Pass-Thru Module

ANSWER: CD

NO.27 Which industry standard memory technologies are supported in a BL465c Server Blade? (Select two.)

- A.memory sparing
- B.memory mirroring
- C.memory interleaving
- D.ECC and Advanced ECC
- E.833MHz maximum speed DIMMs

ANSWER: CD

NO.28 A customer is looking for a virtualization solution for their data center. Their main area of concern is server down time.

You have identified the x86-based virtualization candidates. Which platform best suits the customer's needs?

- A.scale-up
- B.scale-out
- C.Integrity VSE
- D.single server virtual consolidation

ANSWER: B

NO.29 Which service features are included in the Enhanced Network Installation and Startup Service for

BladeSystem Switches? (Select two.)

- A.service planning interview
- B.network device configuration
- C.comprehensive porting and migration
- D.systematic analysis of configurations for software patch version inconsistencies
- E.proactive and rapid-response services to protect strategic operations against downtime risks

ANSWER: AB

NO.30 An administrator needs to monitor performance of every drive connected to the Smart Array controller.

Each drive is configured as a single logical drive.

Which tool can be used?

- A. Insight Diagnostic
- B. Radia Performance Manager
- C. Performance Management Pack
- D. Windows Server Performance Monitor

ANSWER: C