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Exam : HP HP0-S17

**Title : Integrating and Managing
HP BladeSystem in the
Enterprise**

Version : Demo

1. 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

2. 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

3. 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

4. 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

5. 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

6. 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

7. 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

8. 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

9. 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

10. Which industry standard protocols are used by HP SIM? (Select two.)

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

ANSWER: AD

11. 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

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

13. 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

14. 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

15.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

16. 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

17. 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

18. 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

19. 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

20. 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

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

22. 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

23. 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

24. 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

25. 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

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

27. 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

28. 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

29. 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

30. 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