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Exam : HP0-S21

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

Version : DEMO

1. What do you need to consider when installing mezzanine cards in an HP ProLiant BL685c G6 Server Blade? (Select two.)

- A. Type 2 mezzanine cards can be installed in slots 2 and/or 3 if they match the interconnect module type.
- B. Type 2 mezzanine cards can be installed in any slot if they match the interconnect module type.
- C. Type 2 mezzanine cards need to be installed in slot 1 and match the interconnect module type.
- D. Type 1 mezzanine cards can be installed in any slot if they match the interconnect module type.

Answer: A,D

2. You are troubleshooting a performance issue on a BL460c Server Blade with a Linux operating system installed. Which command should you use to get comprehensive memory information?

- A. iostat
- B. glance
- C. free
- D. memdiag

Answer: C

3. Which HP Insight Control Suite software provides centralized capture, monitor, report, and control of HP BladeSystem power consumption and thermal output?

- A. HPProLiant Insight Power Regulator
- B. HPProLiant Onboard Administrator
- C. HP Insight Power Manager
- D. HP Insight Diagnostics Online Edition

Answer: C

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

- A. SSH
- B. SNMP
- C. DMI
- D. XML
- E. SMTP

Answer: B,C

5. Which industry standard memory technologies can be used by Intel Xeon-based c-Class server blades to provide additional protection against failed or degrading FB-DIMMs? (Select two.)

- A. chip spare
- B. mirrored memory
- C. parity memory
- D. online spare memory

Answer: B,D

6. Microsoft Cluster Server is an example of which type of clustering architecture?

- A. shared-memory
- B. High-Performance Computing
- C. shared-everything
- D. shared-nothing

Answer: D

7. Which memory slots must be populated first in a ProLiant BL490c G6?

- A. blue
- B. white
- C. black
- D. brown

Answer: B

8. Which feature is used in conjunction with the Trusted Platform Module (TPM)?

- A. OpenSSH
- B. LDAP
- C. BitLocker
- D. HP SIM

Answer: C

9. Which logical extension of the HP Insight Dynamics - VSE Suite provides failure protection for logical servers?

- A. Insight Orchestration
- B. Insight Rapid Deployment
- C. Insight Systems Manager
- D. Insight Recovery Software

prerequisite

Answer: D

10. What is the maximum number of Cisco 3120 Switches that can be combined into a single logical stack?

- A. 4
- B. 6
- C. 8
- D. 9
- E. 12

Answer: D

11. Which component is required to connect a c-Class server blade to an HP StorageWorks MSA 2012sa?

- A. Smart Array P700m
- B. Smart Array P411
- C. HP PCI Express Mezzanine Pass-Thru Card
- D. Smart Array E200i

Answer: A

12. A customer wants to deploy a c7000 enclosure and six server blades in a data center with limited power. What can they do to ensure the solution fits within the available data center power envelope?

- A. Make sure they have three L15-30 power receptacles available.

- B. Use the HPBladeSystem 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. Make sure they have at least 6750 watts of available power to every enclosure.

Answer: B

13. What are capabilities of HP Insight Dynamics - VSE? (Select four.)

- A. facilitates a highly complex solution
- B. provisions infrastructure consistently
- C. balances physical and virtual resources
- D. creates a homogeneous environment
- E. plans capacity and power continuously
- F. enables cost-effective availability

Answer: B,C,E,F

14. What is required when you install and deploy an HP BladeSystem c7000 enclosure that has a three-phase power module?

- A. A minimum of three c-Class power supply modules must be installed.
- B. Six power supplies must be installed.
- C. Both active and redundant Onboard Administrator modules must be installed.
- D. A full-height server blade must be installed in Bay 8.

Answer: B

15. Which feature does HP Modular Cooling System (MCS) provide that other solutions do not?

- A. hot-swappable fans and heat exchangers
- B. enhanced racks that do not affect the noise level of the data center
- C. environmental control
- D. 42U racks with three-phase power support

Answer: A

16. What are the customer benefits of licensing all the HP ProLiant BL-series server blades with an HP iLO Advanced for BladeSystem license? (Select two.)

- A. supports scripted multi-server support for virtual media
- B. provides support for two-factor authentication for enhanced enterprise security
- C. activates the secured virtual KVM terminal pass-thru console
- D. allows local use of RBSU

Answer: A,B

17. Which operating system or systems require FTP services if you are going to use the HP Insight Rapid Deployment 3.8 solution for deployment?

- A. Microsoft Windows Server 2003
- B. Red HatEnterprise Linux Server
- C. HP-UX v2 and HP-UX v3
- D. Microsoft Windows Server 2008

Answer: B

18. Which benefits do you gain from migrating traditional rack mounted servers into an HP BladeSystem c7000 Virtual Connect solution? (Select two.)

- A. decreased dependency on facility cooling to host the business applications
- B. consolidation of infrastructure, power, and cooling
- C. ability to power c7000BladeSystem chassis using standard 5-15 power receptacles
- D. virtualization of logical LAN/SAN connections that enables simplified management and provisioning

Answer: B,D

19. "This type of node is used for most tasks, including computing many types of applications. These nodes also provide I/O and file system access, usually in the form of an HBA to access an MSA2000 subsystem, or an external SAN."

Which HP Cluster Platform node does this definition refer to?

- A. Storage Node
- B. Utility Node
- C. Visualization Node
- D. Compute Node

Answer: B

20. Which Brocade SAN Switch feature allows you to connect the internal SAN Switches of a c7000 to a Cisco fabric without raising the switch hop count?

- A. Access Gateway Mode
- B. Inter-Switch LinkTrunking
- C. Extended Fabric
- D. Enhanced Group Management

Answer: A