**Vendor: HP**

**Exam Code: HP0-S35**

**Exam Name: Implementing HP BladeSystem Solutions Exam**

**Version: Demo**

**QUESTION 1**

Which benefit does an SSD drive offer over an SAS hard drive?

A.  Higher access time and lower latency
B.  Higher access time and higher latency
C.  Lower access time and higher latency
D.  Lower access time and lower latency

**Correct Answer: D**

**QUESTION 2**

What is the maximum number of hard drives that can be installed in a D2200sb Storage Blade?

A.  6
B.  10
C.  12
D.  24

**Correct Answer: C**

**QUESTION 3**

In case of failure, which HP BladeSystem c7000 component is mandatory Customer-Self-Repair (CSR) and must be replaced by the customer?

A.  KVM Module
B.  Media Board
C.  Optical Drive
D.  Onboard Admin Link Module

**Correct Answer: A**

**QUESTION 4**

Which features were added to the Hyper-V role in Windows Server 2008 R2? (Choose two)

A.  Failover clustering
B.  Support for up to 192 running virtual machines
C.  Second-Level Address Translation
D.  Virtual machine snapshots
E.  Support for 24 logical processors

**Correct Answer: CD**

**QUESTION 5**
What describes a single cold-aisle containment for rack placement in a data center?

A. Racks face back to front
B. Racks face front to back
C. Racks face back to back
D. Racks face front to front

**Correct Answer: D**

**QUESTION 6**
**HOTSPOT**
Match each technology to its description.

Online Spare Memory

[ ▼ ]

HP SmartMemory

[ ▼ ]

Mirrored Memory

[ ▼ ]

Double-Chip Sparing

[ ▼ ]

Lockstep Memory

[ ▼ ]

Online Spare Memory

[ ▼ ]

provides full protection against single-bit and multi-bitt errors

protect a system's memory from double-bit faults

reliably identifies and verifies if loaded memory is genuine HP

two channel operation as a single channel

designates a populated channel1 as the spare

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[                                                              ▼]
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**QUESTION 7**

Which functionality is enabled with the HP Insight Control for System Center management add-on?

A.  Deliver bare metal deployment of Hyper-V hosts with Server Automation
B.  Live migration of virtual machines between AMD and Intel processor platforms
C.  proactively automate movement of virtual machines based on pre failure alerts from HP ProLiant servers

D.    Provides the ability to lock-step mirror virtual machines through the HP c-Class midplane

**Correct Answer: C**

**QUESTION 8**
Which HP PDU provides remote monitoring and has the ability to switch power on selected outlets?

A.    Modular PDU
B.    Modular PDU with optional SNMP module
C.    iPDU with the Intelligent Extension Bars
D.    Monitored PDU

**Correct Answer: C**

**QUESTION 9**
What is an advantage of the HP D2200sb Storage Blade?

A.    Increases available direct attached storage within a blade server
B.    Is optimized for boot from SAN environments
C.    Provides shared storage within a blade enclosure
D.    Delivers better performance than external drives

**Correct Answer: A**

**QUESTION 10**
A customer is running a VMware vSphere cluster in a business critical production environment. Which step should be performed before servicing an HP server blade?

A.    Place the host that needs to be serviced in Maintenance mode
B.    Power off the server blade before removing it from the enclosure
C.    Power off all virtual machines in the environment
D.    Suspend the virtual machines on the host that needs to be serviced

**Correct Answer: A**

**QUESTION 11**
Which Gen8 server feature allows a customer to choose different connectivity options for the default network interface?

A. FlexNIC
B. Flex-10
C. FlexLOM
D. FlexFabric

**Correct Answer: C**

**QUESTION 12**
**HOTSPOT**
Match each technology to its description.

Enhanced MCA Recovery

[ ▼ ]

Soft Error hardened latches

[ ▼ ]

Dynamic Processor Resiliency

[ ▼ ]

Intel Cache Safe Technology

[ ▼ ]

Enhanced MCA Recovery

[ ▼ ]

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be optionally recovered by the OS

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### QUESTION 13

What is the minimum number of CPU sockets that must be populated in a BL890c i2?

A. 1
B. 2
C. 4
D. 6

**Correct Answer: C**

### QUESTION 14

Which HP tool can you use to detect and analyze server hardware bottlenecks?

A. Insight Control Virtual Machine Management
B. Insight Control Server Deployment
C. Insight Control Server Migration
D. Insight Control Performance Management

**Correct Answer: D**

### QUESTION 15

Which filesystem can be used on a Linux operating system?

A. EXT3
B. NTTFS
C. EVFS
D. HFS

**Correct Answer: A**

**QUESTION 16**
What is the name of the core-to-core transport mechanism used in Intel XEON processors?

A. Quick Path Interconnect
B. Crossbar switch
C. Hyper Transport
D. Northbridge

**Correct Answer: A**

**QUESTION 17**
A customer bought a new HP BladeSystem c7000 enclosure with HP Flex-10 interconnect modules. Which HP BladeSystem installation and startup Service is needed to implement the network configuration of the HP Flex-10 modules?

A. Network Infrastructure service
B. Startup BladeSystem c-Class infrastructure service
C. Enhanced Network service
D. Enclosure Connectivity service

**Correct Answer: C**

**QUESTION 18**
A customer needs many HP BladeSystem servers equipped with additional server options. The solution must be racked and cabled before delivery. Which HP service should be recommended?

A. Config to Order
B. Optimized Care
C. Rapid Deployment
D. Factory Express

**Correct Answer: D**

**QUESTION 19**
You are planning the installation of a new HP BladeSystem c7000 enclosure with HP Virtual Connect Flex10 modules. The customer expects that a Flex-10 configuration will be implemented in addition to the physical setup of the hardware. Which HP services should you recommend? (Choose two)

A. HP Startup Blade System c-Class Enhanced Network Service
B. HP Install c-Class Connectivity Solution package
C. HP Install c-Class Enclosure & Server Blade Service
D. HP 3-year Next Business Day c7000 Enclosure Hardware Support
E. HP Blade System VLAN Implementation Service

**Correct Answer: AC**

**QUESTION 20**
An engineer installs four HP Virtual Connect Flex-10 10 Gb Ethernet modules into a c7000 enclosure. What is required to enable all Ethernet NICs on all servers to have access to any Virtual Connect Ethernet module uplink port?

A. External stacking links between the interconnects
B. Virtual Connect Enterprise Manager license
C. HP Insight Control central management server (CMS)
D. Internal stacking link enablement for all modules in the Onboard Administrator interface

**Correct Answer: A**

**QUESTION 21**
During a planning session, a customer is exploring virtualization solutions and asks if there is virtualization solution that can minimize downtime in case of server failure. Which solution meets this equipment?

A. VMware vSphere Fault Tolerance virtual machine solution
B. VMware vSphere DRS Cluster solution
C. Microsoft Computer Cluster solution
D. Microsoft Windows Server 2008 R2 cluster using majority model

**Correct Answer: A**

**QUESTION 22**
What must be considered when updating a secured Linux server using HP Software Manager?

A. The Apache server must be installed on the Linux and HP Software Update Manager servers
B. Firewall ports of the Linux server must be set to allow the remote connection
C. The Linux plug-in must be installed on the HP Software Update Manager server
D. The FTP server must be enabled on the Linux server

**Correct Answer: B**

**QUESTION 23**

Which KVM is assigned Master Status in a cascaded configuration?

A. KVM Console Switch
B. HP Server Console Switch G2 with Virtual Media & CAC
C. IP Console Switch with Virtual Media & CAC
D. HP Server Console Switch

**Correct Answer: B**


**QUESTION 24**

Which HP document provides up-to-date lists of tested drivers and firmware revisions for HP tape libraries?

A. EBS Example Configuration Guide
B. EBS Compatibility Matrix
C. Library Compatibility Matrix
D. EBS Design Guide

**Correct Answer: B**


**QUESTION 25**

Which action must be performed when adding a processor to an HP ProLiant BL460c server?

A. Upgrade the firmware on the Smart Array Controller
B. Add additional memory to Processor one
C. Confirm voltage rating on the memory DIMMs
D. Verify and update system ROM if needed

**Correct Answer: D**


**QUESTION 26**

A customer wants to move an HP blade server from one bay to another within the same Virtual Connect domain. The customer requires that the server maintains the same WWNs MACs. What must be done to meet this requirement?

A. Nothing needs to be done as the profile follows the server automatically to the new bay.
B. Copy the profile from the original bay to the new bay.
C. Write the profile to the server, than move the server to the new bay.
D. Move the profile from the original bay to the new bay.

**Correct Answer: D**

**QUESTION 27**

Before implementing a solution, which HP tool helps facility and IT staff size power infrastructure to meet HP BladeSystem solution requirements?

A. Facilitation Management Tool
B. BladeSystem Power Sizer
C. Power Regulator
D. Power Calculator Tool
E. Power infrastructure Sizer

**Correct Answer: B**

**QUESTION 28**

Which best practice can be considered when building an iSCSI network with high availability as a key deliverable?

A. Ensure iSCSI traffic flows through the same broadcast domain as user traffic.
B. Set iSCSI MTUs to 9000 and switch to 1500.
C. Disable flowcontrol on the Ethernet switches.
D. Separate iSCSI traffic from user traffic separate physical switches.

**Correct Answer: D**

**QUESTION 29**

When connecting an HP BladeSystem to a HP P4000 Storage System, which iSCSI initiator is required?

A. Initiator provided by ProLiant Support Pack (PSP)
B. MPIO iSCSI initiator pack included in the iSCSI connectivity kit CD
C. Native iSCSI initiator provided by the OS vendor
D. MPX200 iSCSI initiator target driver kit
E. iSCSI initiator from the HP P4000 Solution Pack CD

**Correct Answer: C**

**QUESTION 30**
A customer wants to upgrade the memory and additional mezzanine cards in the company's HP c- Class blade servers. The customer is concerned about additional power requirements for this upgrade. Which HP resource can be used to verify power consumption and additional cooling requirements?

A. BladeSystem Power Sizer
B. Part surfer
C. Channel Service Network
D. Blade System Memory Configurator
E. Product Bulletin

**Correct Answer: A**

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