



**HP0-S21**

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

**Exam number/code:** HP0-S21

**Exam name:** Integrating and Managing HP BladeSystem in the Enterprise

**Questions & Answers:** 182 Q&A

**Related Certifications:** [ASE](#)



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**Exam: HP0-S21 Certification Questions & Answers**

**Question 1:**

How do you replace all outdated ProLiant and Integrity Support Pack files used by HP Insight Rapid Deployment?

- A. Copy the contents to the OSOEM folder of the RDP \lib folder.
- B. Copy the new files to folder Z.ZZ under the appropriate OS.
- C. copy the new files to the folder c:\repository.
- D. Use PXE Configuration option in RDP console to regenerate the package.

**Answer: B**

**Question 2:**

Which features are introduced by the G6 line of HP BladeSystem servers? (Select three)

- A. NUMA architecture for Intel-based ProLiant server blades
- B. PCI Express 2.0 ports
- C. internal USB slot
- D. Numa architecture for AMD-based ProLiant server blades
- E. registered DDR3 DIMMs for Intel-based server blades
- F. SAS 1.0 Smart Array Controllers

**Answer: A,B,E**

**Question 3:**

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Place the steps in the proper order to set the IP address of an HP StorageWorks Brocade 4Gb Switch. (One step will not be used.)

Step 1	place here
Step 2	place here
Step 3	place here
Step 4	place here
Step 5	place here

issue command "ipaddrset"
connect to the Brocade switch using serial cable and terminal emulator
log on to the OA
issue command "Connect interconnect X" (where X is bay switch is
connect to the active OA using serial cable and terminal emulator
log in to Brocade switch

Testing  
Done

Answer:

Place the steps in the proper order to set the IP address of an HP StorageWorks Brocade 4Gb Switch. (One step will not be used.)

- Step 1 connect to the active OA using serial cable and terminal emulator
- Step 2 log on to the OA
- Step 3 issue command "Connect interconnect X" (where X is bay switch is
- Step 4 log in to Brocade switch
- Step 5 issue command "ipaddrset"

issue command "ipaddrset"

connect to the Brocade switch using serial cable and terminal emulator

log on to the OA

issue command "Connect interconnect X" (where X is bay switch is

connect to the active OA using serial cable and terminal emulator

log in to Brocade switch

Testing  
Done

**Question 4:**

Refer to the following solution design goals: All application servers must have a data protection backup every 24 hours. Full-height serves must be used that have maximum internal storage. Direct-attached Ultrium Drives must be used. What is required for this solution to be valid in a c7000 BladeSystem enclosure? (Select three)

- A. An HP PCI Express Mezzanine Pass-thru card must be installed in mezzanine slot 3.
- B. The Ultrium 448c Tape Blade must be installed in the lower bay beside the server.
- C. BL460c Servers should be used
- D. Server and storage blade must be installed in the same zone
- E. Data Protector Express must be used for the tape backup software solution.

**Answer: A,B,D**

**Question 5:**

A customer complains that they are experiencing very slow network performance on their BL460c server series. The customer used the "output queue length" counter from the network Interface object in Microsoft Performance Monitor. Which "output queue length" counter indicates a non-congestion situation at the NIC?

- A. 0
- B. 1
- C. 4
- D. 1024

**Answer: A**

**Question 6:**

An existing server blade is physically changed to another enclosure that does not use the Virtual Connect (VC) solution. Which statement is true about the VC assigned MAC and WWN addresses of this server blade?

- A. The VC assigned MAC and WWN addresses must be manually deleted before the move, to avoid duplication.
- B. The server blade must be re-installed with a new OS to assume its factory default MAC address and WWN in a non-VC managed enclosure.
- C. The server blade uses its factory default MAC address and WWN in a non-VC managed enclosure.
- D. You must unassign the server profile, and reflash the NIC and FCA firmware before the move, to avoid duplication.

**Answer: C**

**Question 7:**

You have a 2-node BL460c Server Blade Windows Server 2003 Cluster. Each server uses the Emulex Lpe 1105 mezzanine module and connects via a single Brocade 4Gb SAN Switch for HP c-Class BladeSystem installed in a c3000 enclosure.

You must replace the Emulex mezzanine module in node A due to hardware failure. After successfully booting node A, you try and fail the disk to node A, but the node is not able to access the quorum disk.

What could be the cause of this problem?

- A. There is a change in the server operating system SSID due to the replacement of the server system board (UUID changed)
- B. The zoning configuration in the SAN Switch is enforced using the old WWN addresses
- C. The BL460c NVRAM default boot order needs to be changed to point to the Emulex FC card
- D. The operating system SCSI Manager has to be reinitialized due to the changes in server hardware UUID.

**Answer: B**

**Question 8:**

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Place each HP service offering next to its description.

Descriptions	
(place here)	24x7 support for both hardware and software
(place here)	Onsite consultation and end-to-end proactive and reactive support
(place here)	2-hour response time for software issues and 4-hour on-site response for
(place here)	Support for both hardware and software during standard business hours

Service Offerings			
Proactive 24	Critical Service	HP Support Plus	HP Support Plus 24

Done Testing

Answer:

Place each HP service offering next to its description.

Descriptions	
HP Support Plus 24	24x7 support for both hardware and software
Critical Service	Onsite consultation and end-to-end proactive and reactive support
Proactive 24	2-hour response time for software issues and 4-hour on-site response for
HP Support Plus	Support for both hardware and software during standard business hours

Service Offerings			
Proactive 24	Critical Service	HP Support Plus	HP Support Plus 24

Done Testing

### Question 9:

You have just completed the deployment of four c7000 enclosures, fully populated with BL460c Server Blades running RHEL operating systems. Prior to putting all the servers into production, during the qualification stage, the customer discovers that half of the servers have application performance issues. According to the six-step HP troubleshooting methodology, what is the first step in helping the customer resolve the problem?

- A. developing an action plan
- B. collecting data
- C. modifying Smart Array Controller rebuild priority
- D. using the Onboard Administrator to update all firmware

Answer: B

**Question 10:**

You must reboot Onboard Administrator (OA), but you have no access to the GUI of the OA module. Which other tool can be used to perform this task?

- A. HP c-Class Enclosure Manager
- B. HP Virtual Connect Manager
- C. HP Systems Insight Manager
- D. HP Insight Display

**Answer: A**

**Question 11:**

With only two single-phase AC power supplies, where should you place the power supplies in a c7000 enclosure with N+N power redundancy to power up to two full-height server blades in Zone 1?

- A. Bays 1 and 2
- B. Bays 1 and 4
- C. Bays 1 and 3
- D. Bays 1 and 6

**Answer: B**

**Question 12:**

You manage a single c7000 enclosure equipped with redundant HP Virtual Connect Ethernet modules. Two uplinks work in standby/active mode. It takes several minutes for External Ethernet Switches to recognize that Server Blades can be Reached on the new active connection when previously active link goes down. What can you do to improve this?

- A. On Virtual Connect Manager, enable Fast MAC Cache failover.
- B. On Virtual Connect Manager, enable Shared Uplink Sets
- C. On Virtual Connect Manager, enable Smart Link
- D. On Virtual Connect Enterprise Manager, enable Automatic Port Failover

**Answer: A**

**Question 13:**

Which tool can be used to discover and visualize the SAN topology and gather information about the connected hosts?

- A. HP Storage Resource Management Command View
- B. HP Insight SAN Management Software Pack
- C. HP OpenView Storage Media Operations
- D. HP Storage Essentials Storage Resource Management Software Suite

Answer: D

**Question 14:**

You are troubleshooting a performance issue on a BL460c Server Blade with a Linux operating system installed. Which commands display processor and memory usage (select two)

- A. free
- B. vmstat
- C. top
- D. iostat

Answer: B,C

**Question 15:**

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

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