



**Vendor:** HP

**Exam Code:** HP0-S33

**Exam Name:** Advanced Integration and Management of HP  
Server Solutions

**Version:** DEMO

#### QUESTION 1

Which HP Smart Array Controller is required when using 3 GB SAS switches to connect to external storage MDS600?

- A. P410
- B. P410i
- C. P700M
- D. P712M

**Answer: C**

**Explanation:**

[http://h18000.www1.hp.com/products/quickspecs/13170\\_na/13170\\_na.PDF](http://h18000.www1.hp.com/products/quickspecs/13170_na/13170_na.PDF) (page 1, first para)

#### QUESTION 2

You configured disk thresholds for all servers running Windows Server 2008 R2. You want HP SIM to react by running a script that will delete all IE temporary files on the server that reports problems with the available capacity on the drive. What do you have to configure from the HP SIM level to achieve this?

- A. Configure the Single Sign On feature for all the servers that should be covered that script.
- B. Establish a trust relationship between HP SIM and all servers covered by that script, and apply the Insight Control licenses.
- C. Create a custom command that will delete temporary files and configure an automatic event handling task to run this script when a specific event occurs.
- D. Import the HP SIM certificate to the HP System Management homepage for all of the servers that should be covered by that script and configure SNMP security to allow remote command execution.

**Answer: C**

#### QUESTION 3

Which HP tool allows you to generate a full report that can be sent to customer service for telephone support?

- A. IML
- B. ACU
- C. SIM
- D. ADU

**Answer: D**

**Explanation:**

<http://h20000.www2.hp.com/bc/docs/support/SupportManual/c00687518/c00687518.pdf> (pag 16)  
Array Diagnostics Utility

ADU is an in-depth diagnostic and reporting utility for all Smart Array controllers.

The ADU quickly identifies problems such as incorrect versions of firmware, improperly installed drives, inappropriate error rates, and failed batteries on the array accelerator board.

The ADU displays a detailed analysis of the system configuration. If the cause is not apparent, the ADU can generate a full report for administrators to fax or e-mail to HP customer service for phone support.

#### QUESTION 4

You are experiencing problems with a Virtual Connect domain and want to verify the domain

status. Which tool can you use to perform a domain health check?

- A. Service Pack for ProLiant
- B. Active System Health Log
- C. Virtual Connect Active Health
- D. Virtual Connect Support Utility

**Answer: D**

**Explanation:**

<http://bizsupport.austin.hp.com/bc/docs/support/SupportManual/c01566977/c01566977.pdf> (page 17, see step 2)

Step 2--Run a health check on the Virtual Connect domain

1. From a local system with VCSU installed, execute the following command:

`vcutil -a healthcheck -i <Primary OA IP> -u <OA Admin account> -p <OA password>`

### QUESTION 5

You observe a 100% CPU utilization on one of the virtual machines. What should you do first to solve the performance problem for that machine, assuming that applications running on that server work properly? (Select two)

- A. Verify if the Hyper Threading has been enabled for that virtual machine.
- B. Verify CPU affinity settings for that virtual machine.
- C. Verify the location of the .VSWP file for that virtual machine.
- D. Verify if the VMware tools are installed on that virtualization machine.
- E. Verify the host CPU utilization, reservation and limit configured for that virtual machine.

**Answer: BE**

### QUESTION 6

A customer is running a Matrix Operating Environment to manage a virtualized environment with ESX and Hyper-V hosts. The customer wants to prepare an initial performance baseline for the environment. Which tool can be used to prepare this baseline?

- A. Insight Control performance management
- B. Performance Quick Reference tool
- C. Active Health System log
- D. Insight Performance Orchestrator

**Answer: A**

### QUESTION 7

To protect virtual running on multiple ESXi 5.0 hosts, a customer decides to configure a High Availability cluster. What are the requirements for this type of cluster?

- A. The management network must be configured with the Fast Tolerant option enabled.
- B. Enhanced VMotion compatibility mode and Storage DRS must be enabled on the cluster level.
- C. Virtual machine must be stored on the datastore available from each member of the cluster.
- D. The cluster must be configured using Host Profiles.

**Answer: C**

**Explanation:**

Requirements for a VMware HA Cluster

Review this list before setting up a VMware HA cluster. For more information, follow the appropriate cross reference or see Creating a VMware HA Cluster.

All hosts must be licensed for VMware HA.

You need at least two hosts in the cluster.

All hosts need a unique host name.

All hosts need to be configured with static IP addresses. If you are using DHCP, you must ensure that the address for each host persists across reboots. All hosts must have access to the same management networks. There must be at least one management network in common among all hosts and best practice is to have at least two. Management networks differ depending on the version of host you are using.

ESX hosts - service console network.

ESXi hosts earlier than version 4.0 - VMkernel network. ESXi hosts version 4.0 and later - VMkernel network with the Management Network checkbox enabled.

See Networking Best Practices.

To ensure that any virtual machine can run on any host in the cluster, all hosts should have access to the same virtual machine networks and datastores. Similarly, virtual machines must be located on shared, not local, storage otherwise they cannot be failed over in the case of a host failure.

For VM Monitoring to work, VMware tools must be installed. See VM and Application Monitoring. All hosts in a VMware HA cluster must have DNS configured so that the short host name (without the domain suffix) of any host in the cluster can be resolved to the appropriate IP address from any other host in the cluster. Otherwise, the Configuring HA task could fail. If you add the host using the IP address, also enable reverse DNS lookup (the IP address should be resolvable to the short host name).

**QUESTION 8**

Which Windows performance counter can be used to check for a Smart Array disk bottleneck problem?

- A. Logical Disk: Average Disk Queue Length
- B. Physical Disk: Average Disk Queue length
- C. Logical Disk: Average Disk Write Queue Length
- D. Physical Disk: Average Disk Write Queue Length

**Answer: B**

**QUESTION 9**

Which Windows performance counters must be monitored to determine if a processor is overloaded?

- A. Processor: % Processor Time and system: Processes
- B. Processes: % Processor Time and system: Processor Queue length
- C. Processor\% Processor Time and system\Processor Queue Length
- D. Disk: Average Disk Queue Length and system: Processor Queue length

**Answer: C**

**Explanation:**

<http://technet.microsoft.com/en-us/library/cc938603.aspx> (last bullet on the page)

Identify the processes that are running when Processor\% Processor Time and System\Processor Queue Length values are highest to determine.

#### QUESTION 10

Which must be installed on the target server P2P migration?

- A. HP Insight Dynamics ProLiant
- B. HP Insight Control
- C. HP iLO Advanced for BladeSystem
- D. HP Insight Control server deployment

**Answer: B**

#### QUESTION 11

Referring to the exhibit, which Smart Carrier innovation was introduced with the HP ProLiant server platform to help reduce/eliminate downtime as a result of the wrong hard drive being removed after a failure?



- A. When a drive fails, the backlight flashes blue to auto locate.  
The drive status goes to amber.
- B. When a drive fails, it turns amber.  
The remaining healthy drives are held in place with an automatic latch mechanism to present removal.
- C. When a drive fails, it is disabled and powered off.  
The remaining healthy drives illuminate the Do not LED.
- D. When a drive fails, it turns amber.  
The remaining healthy drives illuminate the Do Not remove LED.

**Answer: D**

#### Explanation:

<http://198.235.14.21/HP/images/stories/ProLiantServers/Q212/4aa39937enw.pdf> (page 3, Resiliency, 4th bullet)

Reduce failures and downtime--HP Smart Drives deliver the best overall customer experience and improves uptime. Virtually eliminate inadvertent drive removal with an icon-based display and a "Do Not Remove" indicator during a drive failure. HP Predictive Spare Activation identifies and resolves failures before they occur and automatically moves data to a spare device.

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