

**Exam : HP0-S19**

**Title :** Integrating and Managing  
HP ProLiant ML/DL in the  
Enterprise

**Version :** Demo

1. What should you consider when planning for cluster (active/active) failover?

- A. capacity of shared storage
- B. failover resource requirements on the surviving node
- C. data transfer speed of shared storage
- D. data integrity between both nodes
- E. heartbeat communications speed between nodes

Answer: B

2. Which types of migration can HP ProLiant Essentials Server Migration Pack support? (Select three.)

- A. Virtual to Physical (V2P)
- B. Virtual to Virtual (V2V)
- C. Physical to Integrity (P2I)
- D. Physical to Virtual (P2V)

Answer: ABC

3. Which function can HP Insight Diagnostics Offline Edition perform that the Online Edition cannot?

- A. scheduling of survey captures
- B. printing of multiple copies of the diagnostic results
- C. testing of all ProLiant Server subsystems
- D. testing of database connectivity

Answer: C

4. Click the Exhibit button.

Performance Management Pack (PMP) provides tools to assist in monitoring server performance. Which tool is shown in the exhibit?

**HP Performance Management Pack**

**System Details**  
 Server Name: pmpserver  
 Microsoft Windows Server 2003, Standard Edition Service Pack 1  
 Server IP: 172.20.50.111  
 Sample Rate: 10 s  
 Samples for Status: 3  
☒ Log ☒ Alert [Set Threshold...](#)

**Server Configuration**  
 ProLiant DL560 G1  
 Processors  
 Memory  
 Network Connections  
 Storage  
 Host Buses

**ProLiant DL560 G1**

Status Graph Inventory

**Analysis Explanation**  
 At least one component has a critical performance issue.

**Analysis Data**

Counters	Last	Average	Minimum	Maximum
Average Processor Utilization%	21.25	19.5	18.5	21.25
Available MBytes	3440	3440	3440	3440
Page Faults/Sec	61	45.33	37	61
Network MBytes/Sec	0.0033	0.0033	0.0031	0.0034
Storage MBytes/Sec	28.5	28.49	28.47	28.51
Host Bus MBytes/Sec	28.5	28.49	28.47	28.51

**Recommendation**  
 Refer to Storage for more information.

**Configuration Issues**  
 Issues identified in Storage configuration.  
 Issues identified in Host Bus configuration.

- A. Offline Analysis
- B. Online Analysis
- C. Static Analysis Report
- D. CSV File Generator

Answer: D

5. Why would you use the HP ProLiant Essentials Virtual Machine Management Pack if you already manage your virtual machines with another product such as VMware VirtualCenter? (Select three.)

- A. It uses fewer resources on the Central Management Server.
- B. It ties into VirtualCenter and allows for actions based on predictive failures.
- C. It ties directly into HP SIM to provide a single management view.
- D. It manages VMs from MS, Citrix and VMware.
- E. It is available at no cost.

Answer: BCD

6. When a second processor is added to a DL380 G5 Server running Linux, a kernel panic occurs. What is the easiest way to correct the problem? (Select two.)

- A. Reinstall the Linux operating system.
- B. Replace the second processor.
- C. Replace the DL380 G5 Server.
- D. Swap the location of the two processors so the lower stepping processor is installed in processor socket 1.
- E. Upgrade the system ROM.

Answer: DE

7. ProLiant Essentials Server Migration Pack - Physical to ProLiant can migrate which file types? (Select two.)

- A. FAT32
- B. EXT3
- C. VMFS
- D. NTFS
- E. CIFS

Answer: AD

8. Which utility does HP recommend to measure disk I/O performance in HP ProLiant servers?

- A. Microsoft performance monitor
- B. Array Diagnostic Utility
- C. IO meter
- D. SQL stress test

Answer: B

9. Which SMS utility enables you to remove an HP-specific SMS database and WMI elements installed by the Setup Wizard?

- A. hpSync
- B. hpScan
- C. hpSMSTool
- D. SMSITHU

Answer: C

10. Your customer has installed a new server into their environment. When is the best time to perform the initial performance baseline?

- A. during peak daily operation
- B. during idle periods of the system
- C. during normal daily operation
- D. during annual peak operation time

Answer: C

11. A junior system administrator new to Linux asks you which tool to use to view processor utilization information on a ProLiant server running SUSE Linux Enterprise Server 10. Which tool do you recommend?

- A. monitor
- B. topmon
- C. vmstat
- D. cpustat

Answer: C

12. Which hardware support services are offered by HP Care Packs? (Select two.)

- A. Critical Service
- B. 8-hour Call-to-Repair
- C. 6-hour Same Business Day
- D. Next Business Day
- E. Return Service

Answer: DE

13. What is the maximum number of HP ProLiant host systems that you can connect to an MSA2000fc?

- A. 4
- B. 16

- C. 64
- D. 128

Answer: C

14. What is the threshold Windows sets for pages/sec to represent a memory bottleneck situation?

- A. 2
- B. 20
- C. 50
- D. 100
- E. 200

Answer: B

15. You are planning a disaster recovery plan. Under optimal system configuration, what is the average time taken for an array expansion?

- A. 45 minutes per gigabyte
- B. 30 minutes per gigabyte
- C. 15 minutes per gigabyte
- D. 5 minutes per gigabyte

Answer: D

16. When installing HP Insight Integration for OpenView NNM, which primary processes are installed?

(Select two.)

- A. CPQWEB
- B. CPQDIS
- C. CPQTRAPD
- D. CPQMAP
- E. CPQRIOE

Answer: BD

17. A remote branch office has a DL580 G5 Server reporting a memory error on the Windows system

event log. The server has four 1GB memory DIMMs. What is the quickest way to tell which specific memory module has failed?

- A. Open up the server and replace the memory modules one by one.
- B. Run the online HP Insight Diagnostic Utility.
- C. Check the Systems Insight Display.
- D. Run the Array Diagnostic Utility (ADU).

Answer: C

18. A customer wants to purchase an MSA storage solution that meets the following requirements:

Provides end-to-end SAS host modular flexible platform in a high capacity 2U disk drive external direct storage system

Uses both Small Form Factor (SFF) SAS and SATA disk drives

Supports cascading to a second MSA for future expansion

Hot plug compatibility

RAID 6 with ADG

Supports dual port SAS drives

Which solutions would you recommend? (Select two.)

- A. MSA20
- B. MSA30
- C. MSA50
- D. MSA60
- E. MSA70

Answer: DE

19. You are planning to use the HP Essentials Server Migration Pack to execute a Virtual-to-Virtual (V2V) migration from one virtual machine host server to a new virtual machine host. HP SIM displays the following status icons in the VM column for each machine:

Which action must be taken to allow the migration to proceed?

- Source virtual machine host server 
- Source virtual machine host server 
- Target virtual machine host server 
- Target virtual machine host server 

- A. Install the VMM Agent on the source virtual machine host server.
- B. Apply the VMM Pack license to the target virtual machine host server.
- C. Install the VMM Agent on the target virtual machine host server.
- D. Apply the VMM Pack license to the source virtual machine host server.

Answer: B

20. Your customer wants to implement a High-Performance Computing (HPC) environment consisting of AMD Opteron processor-based ProLiant servers. The customer wants it to run a Linux OS and take advantage of the HP InfiniBand cluster interconnect. Which cluster solution meets these requirements?

- A. HP ProLiant Cluster F200
- B. HP ProLiant Cluster F500
- C. HP Cluster Platform 3000
- D. HP Cluster Platform 4000

Answer: D



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