



Exam Code: HP0-082

Exam Name: OpenVMS Advanced System
Administration.Performance.Support

Vendor: HP

Version: DEMO

Part: A

1: A customer requires an OpenVMS cluster to run a critical business application on a busy company network. The customer wants the solution to include Fibre Channel and shared storage. Which configuration meets the customer's requirements?

- A. two servers with two Host Bus Adapters and two network cards each and an MSA1000
- B. two servers with one Host Bus Adapter and two network cards each, one Fibre Channel SAN switch, one pair of HSV100 controllers and two network switches
- C. two servers with two Host Bus Adapters and two network cards each, two Fibre Channel SAN switches, two pairs of HSV100 controllers and two network switches
- D. two servers with one Host Bus Adapter and one network card each, one Fibre Channel SAN switch and one pair of HSV100 controllers

Correct Answers: C

2: Which cluster interconnect provides the highest throughput at the lowest cost?

- A. ATM
- B. FDDI
- C. Gigabit Ethernet
- D. Memory Channel

Correct Answers: C

3: When is the use of a quorum disk appropriate?

- A. 2 node cluster
- B. 4 node cluster
- C. 8 node cluster
- D. 16 node cluster

Correct Answers: A

4: Which solution provides the highest availability for a system disk?

- A. mirroring with an HSx controller pair
- B. host-based volume shadowing on two disks with an HSx controller pair
- C. host-based volume shadowing with multiple HSx controller pairs
- D. mirroring within multiple HSx controllers and host-based volume shadowing

Correct Answers: D

5: A customer's application requires 200 records written per second to an RMS indexed file but cannot sustain more than 150 per second. What change should they consider that will achieve the requirement without changes in the application?

- A. Shadow the disk where the database is located.
- B. Add more CPUs to increase parallelism of the writes.
- C. Migrate the database from SCSI to Fibre Channel storage.
- D. Upgrade to gigabit Ethernet for faster cluster interconnects.

Correct Answers: C

6: Which floating-point format or formats are implemented on Itanium CPUs?

- A.ANSI
- B.IEEE
- C.G_float and IEEE
- D.G_float, H_float, and IEEE

Correct Answers: B

7: An OpenVMS Alpha application written in ANSI standard COBOL is to be migrated to OpenVMS Integrity. No code is executed asynchronously. However, the program accesses a global section shared by other processes. Write access to the global section is synchronized using the Distributed Lock Manager. When compiling the code on OpenVMS Integrity, which granularity option should be specified to maximize run time performance?

- A./GRANULARITY=BYTE
- B./GRANULARITY=LONG
- C./GRANULARITY=QUAD
- D./GRANULARITY=PAGE

Correct Answers: C

8: The system is performing slower than expected. Assuming the problem is spinlock contention, which mode shows increased activity?

- A.Exec Mode
- B.Kernel Mode
- C.Interrupt Mode
- D.MP Synchronization

Correct Answers: D

9: On a busy system, a process does not appear to be getting enough CPU time to complete as expected. What is a possible cause for this behavior?

- A.The process' priority is set to the default value.
- B.The process has affinity set to a CPU with non-matching capabilities.
- C.The process' priority is lower than the default priority.
- D.The scheduler does not have the process in its event queue.

Correct Answers: C

10: Which state must a process be in to be capable of being scheduled on a CPU?

- A.HIB
- B.COM
- C.LEF
- D.CEF

Correct Answers: B

11: Click the Task button.

The current value of NPAGEDYN is 50,000,000. Installation of a layered product requires nonpaged dynamic memory to be increased by 750,000 bytes.

Using drag and drop, place the appropriate commands in the correct sequence to complete this.

Correct Sequence

place command 1 here

place command 2 here

place command 3 here

Commands

\$ MCR SYSGEN SET MIN_NPAGEDYN 5750000

\$ MCR SYSGEN SET NPAGEDYN ADD 750000

add ADD_NPAGEDYN=750000 to the end of SYS\$SYSTEM:MODPARAMS.DAT

\$@SYS\$UPDATE:AUTOGEN SAVPARAMS SETPARAMS

\$ MCR SYSGEN WRITE ACTIVE

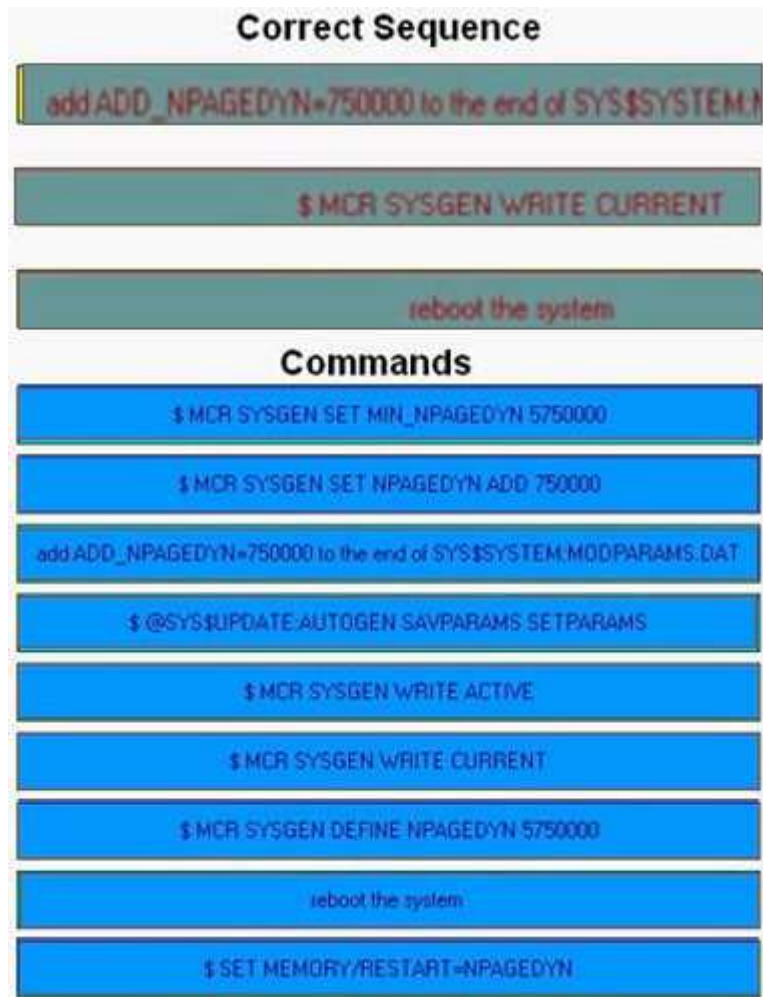
\$ MCR SYSGEN WRITE CURRENT

\$ MCR SYSGEN DEFINE NPAGEDYN 5750000

reboot the system

\$ SET MEMORY/RESTART=NPAGEDYN

Correct Answers:



12: A system manager plans a shutdown to add memory. Which command allows unprivileged users to complete work in progress but prevents new logins?

- A. \$ SET LOGIN/INTERACTIVE=0
- B. \$ MCR SYSGEN SET IJOBLIM 0
- C. \$ SET PROCESS /NEW=DISUSER
- D. \$ MCR AUTHORIZE * /FLAG=DISUSER

Correct Answers: A

13: Which command associates a process or initial thread with a specific processor in an SMP system?

- A. SET PROCESS /PERMANENT /SET=1
- B. SET PROCESS /ASSOCIATION /CPU=1
- C. SET PROCESS /CAPABILITY /INIT /CPU=1
- D. SET PROCESS /AFFINITY /PERMANENT /SET=1

Correct Answers: D

14: What do the following commands accomplish when applied to an indexed file named DATABASE.DAT?

```
$ CONVERT DATABASE.DAT DATABASE.NEW
```

```
$ RENAME DATABASE.NEW DATABASE.DAT
```

- A.ensure DATABASE.DAT is contiguous
- B.change the file structure type of DATABASE.DAT
- C.clean up the internal structure of DATABASE.DAT
- D.convert DATABASE.DAT from ASCII format to binary

Correct Answers: C

15: Which category from the MONITOR PAGE display indicates a hard page fault?

- A.Free List Fault Rate
- B.Page Read I/O Rate
- C.Modified List Fault Rate
- D.Demand Zero Fault Rate

Correct Answers: B