Vendor: HP

Exam Code: HP0-090

Exam Name: HP-UX Virtual Server Environment

Version: DEMO

QUESTION 1
Which virtualization feature is unique to HP Integrity Servers with VSE versus IBM pSseries servers?

A. resource partitioning within a single OS image
B. sub-processor partitions executing separate OS images
C. single processor partitions executing separate OS images
D. electrically isolated partitions executing separate OS images

Answer: D

QUESTION 2
A customer running an Internet store closes their books every night and therefore has an end-of-day processing requirement for extra processor power for one hour. Which virtualization solution can automatically provide one extra processor for one hour and is available uniquely from HP (versus IBM or SUN UNIX solutions)?

A. Workload Manager to activate iCAP processors
B. PRM to dynamically increase pSet size for one hour
C. Global Workload Manager to activate TiCAP processors for one hour
D. Partition Manager to shift one processor into the needed partition for one hour

Answer: C

QUESTION 3
Which virtualization feature is unique to HP Integrity Servers with VSE versus SUN Solaris servers?

A. resource partitioning within a single OS image
B. secure resource access within a single OS image
C. temporarily activating processors within a single OS image
D. electrically isolated partitions executing separate OS images

Answer: C

QUESTION 4
Your company has an installed base of servers with an average utilization of 10% and an average peak utilization of 40%. What is the best solution to implement to improve server utilization and reduce costs?

A. high availability - increasing the number of redundant servers
B. patching - updating every operating system instance to the latest revision
C. server upgrades - replacing old servers with newer, more powerful servers
D. consolidation - stacking multiple applications and/or operating systems on fewer servers

Answer: D

QUESTION 5

What is the HP definition of virtualization?

A. the process of abstracting applications and operating systems from physical resources
B. an approach to IT that pools and shares resources so utilization is optimized and supply automatically meets demand
C. an approach that allows you to run multiple operating systems at the same time on the same server without rebooting or repartitioning your disk
D. the process of presenting a logical grouping or subset of computing resources so that they can be accessed in ways that are different than the physical configuration

Answer: B

QUESTION 6
What are the intelligent control products in the HP Virtual Server Environment? (Select four.)

A. HP VirtualCenter
B. HP Virtualization Engine
C. HP Server Migration Pack
D. HP Integrity Essentials iLO
E. HP Systems Insight Manager
F. HP Integrity Essentials VMotion
G. HP Virtual Machine Management Pack
H. HP Integrity Essentials Capacity Advisor
I. HP Integrity Essentials Virtualization Manager
J. HP Integrity Essentials Global Workload Manager

Answer: EHIJ

QUESTION 7
In which server infrastructure can you deploy the HP Virtual Server Environment?

A. HP ProLiant servers
B. HP NonStop servers
C. Unix servers from all vendors
D. HP Integrity and HP 9000 servers

Answer: D

QUESTION 8
Which high availability components are part of the HP Virtual Server Environment? (Select four.)

A. HP Sysplex
B. HP Hyperplex
C. HP Metrocluster
D. HP Serviceguard
E. HP Continentalclusters
F. HP Veritas Cluster Server

G. HP Serviceguard Storage Management Suite

Answer: CDEG

QUESTION 9
A customer has several large mission critical workloads, each having different OS tuneables and application patch levels. They want to implement a midrange Integrity server solution and use partitioning to provide the highest levels of isolation. Which VSE approach is best?

A. nPartitions
B. Virtual Partitions
C. Integrity Virtual Machines
D. Process Resource Manager

Answer: A

QUESTION 10
What is required for users on one virtual partition to be able to access files or file systems on other partitions? (Select two.)

A. A multi-threaded application is able to share L2 cache.
B. The vPar is running HP-UX 11i in shared partition mode.
C. File systems are NFS-mounted using common network.
D. Cluster-aware volume groups are used within Serviceguard.
E. The System Admin (root) chmod 777 is issued from console.

Answer: CD

QUESTION 11
What are benefits of the HP VSE Suite bundle (T2786AC)? (Select two.)

A. runs on any HP server platform
B. single Software Distributor (SD) bundle install
C. included with the Mission Critical Operating Environment
D. ability to choose between vPars and HP Integrity Virtual Machines licenses
E. ability to choose between Instant Capacity and Temporary Instant Capacity licenses
F. ability to choose between HP-UX Workload Manager and HP Integrity Essentials Global Workload Manager licenses

Answer: DF

QUESTION 12
HP Serviceguard Manager can manage nodes that run which operating systems? (Select two.)

A. Linux
B. HP-UX v11i
C. HP-UX 10.20
D. OpenVMS v7.x

E. Window 2003 Advanced Server
F. Windows 2003 Exchange Server

Answer: AB

QUESTION 13
Due to increasing growth, a customer anticipates they will need to purchase twice their current processor capacity over the next year. Which HP Utility Pricing technology provides reserve capacity for their HP Integrity Server?

A. PPU
B. iCAP
C. pSets
D. TiCAP

Answer: B

QUESTION 14
What is the maximum number of virtual CPUs that can run on a single physical CPU core with HP Integrity Virtual Machines.

A. 5
B. 10
C. 20
D. 40

Answer: C

QUESTION 15
A customer has an environment with primarily one and two processor servers. These servers have low utilization levels, even at peak demand. The servers run a lot of separate test and development operating system instances.
The customer is upgrading their servers and wants to take advantage of the HP Virtual Server Environment technologies. Based on the product granularity and isolation, which partitioning product is the best fit for this customer's new server environment?

A. nPartitions
B. Virtual Partitions
C. Secure Resource Partitions
D. HP Integrity Virtual Machines

Answer: D

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