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VMware Certified Associate 6 – Data Center Virtualization Exam

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QUESTION 1

Which process could be used to increase compute resources to a virtual machine (VM) without first powering down?

- A. Increase the CPU Share value on the VM.
- B. Move the VM into a Resource Pool with a larger CPU resource allocation.
- C. vMotion the VM to an ESXi host with greater CPU capacity.
- D. Add a vCPU to the VM using CPU hot add

Correct Answer: D

Explanation: to add more compute resources, using CPU Hot add can only be enabled if the virtual machine is TURNED OFF or POWERED DOWN

QUESTION 2

Which two challenges could be resolved by implementing Data Center Virtualization? (Choose two.)

- A. An organization's physical server infrastructure is approaching 90% utilization.
- B. An organization's physical server infrastructure averages 30% utilization.
- C. The IT department is reporting slow storage performance.
- D. The IT department spends significant budget on power and cooling requirements.

Correct Answer: AD

QUESTION 3

Which two resources are the most impacted in the infrastructure sprawl experienced in non-virtualized data centers? (Choose two)

- A. Power
- B. storage
- C. Compute
- D. Network

Correct Answer: AC

Explanation: The initial motivator to move to virtualization was server consolidation. Server sprawl was a very big problem in the "1 app, 1 server" datacenter environment. Hundreds of servers were using power, generating heat, taking up space, and requiring administration. On top of that, the great majority of these servers were woefully underutilized, using just a fraction of their CPU and memory. It was a completely inefficient way to run a datacenter. Virtualization allowed one physical server to be shared by multiple VMs. In the early days, you could get ratios of 20 to



1--this represented significant cost savings to the business. Over time, these ratios have grown, and it is not uncommon to see ratios of 100 to 1 now.

QUESTION 4

Which storage visualization technology can be used to mitigate the effects of latency during peak load periods?

- A. Storage I/O Control
- B. Virtual SAN
- C. Virtual Volumes
- D. Distributed Resource Scheduler

Correct Answer: A

QUESTION 5

Which solution optimizes an organizations infrastructure for efficiency and minimizes the risk of performance across both the virtual and physical infrastructure?

- A. vCloud Suite
- B. vRealize Operations manager
- C. vRealize Automation
- D. Horizon (with View)

Correct Answer: C

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