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**Vendor:**VMware

**Exam Code:**1V0-621

**Exam Name:**VMware Certified Associate 6 – Data  
Center Virtualization Exam

**Version:**Demo

### QUESTION 1

VMware vSphere 6.0 empowers users with which two capabilities? (Choose two.)

- A. It allows self service file recovery.
- B. It provides advanced availability protection.
- C. It virtualizes scale-up and scale-out applications.
- D. It provides a relational database for data analysis.

Correct Answer: BC

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### QUESTION 2

What are two capabilities of Network I/O Control? (Choose two.)

- A. it sets network reservations for physical traffic entering vSphere Distributed Switches.
- B. it enforces a network bandwidth limit on vSphere Distributed Switches
- C. it maintains the network runtime state for virtual machines
- D. it performs load-based teaming for workloads on teamed vNICs.

Correct Answer: BD

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### QUESTION 3

Which two statements are true regarding disaster recovery when using data center virtualization. (Choose two.)

- A. vSphere includes a file-level backup and restore solution with application level support for Microsoft Exchange.
- B. vSphere can restart virtual machines on available resources if host hardware fails.
- C. vSphere includes an automated replication solution.
- D. vSphere includes a live migration solution that maintains virtual machine uptime in the event of unplanned downtime.

Correct Answer: AD

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### QUESTION 4

What are three valid power states of virtual machines? (Choose three.)

- A. Powered Off
- B. Powered On

- C. Suspended
- D. Running
- E. Paused

Correct Answer: ABC

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#### **QUESTION 5**

Which options are possible with Data Center Visualization? (Choose two.)

- A. Virtual machines can be live migrated In the event of unplanned outage.
- B. Virtual machines can share the sane hardware resources.
- C. Virtual machines can easily migrate off of underlying hardware.
- D. Virtual machines can share host resources without possibility of contention.

Correct Answer: AB

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#### **QUESTION 6**

What is the default number of logical ports for a standard switch?

- A. 150
- B. 120
- C. 80
- D. 100

Correct Answer: B

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#### **QUESTION 7**

Which feature enables organizations to deploy virtual machines to multiple vSphere 6.x data centers?

- A. Long Distance vMotion
- B. Content Library
- C. Auto Deploy
- D. Replication

Correct Answer: A

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### QUESTION 8

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

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### QUESTION 9

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.

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### QUESTION 10

In which order are the virtual machines powered off when powering off a vApp?

- A. from highest to lowest network bandwidth consumption
- B. in alphabetical order by virtual machine name
- C. in the order in which they were powered on
- D. in reverse startup order

Correct Answer: D

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**QUESTION 11**

Which storage format can be used to deploy data stores on block storage devices?

- A. Virtual Volumes
- B. NFS
- C. VMFS
- D. iSCSI

Correct Answer: C

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**QUESTION 12**

Which vSphere feature automatically optimized resource utilization and responds to workload requirements?

- A. Dynamic Resource Scheduler
- B. Data Protection
- C. Storage DRS
- D. Storage I/O Control

Correct Answer: C