

# **VMware**

## **Exam VCP550**

### **VMware Certified Professional on vSphere 5**

**Verson: Demo**

**[ Total Questions: 10 ]**

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## Topic 1, Plan, Install, Configure and Upgrade vCenter Server and VMware ESXi

### Question No : 1 - (Topic 1)

A large aerospace company utilizes a mission critical application requiring a large database server with 16 vCPUs and 500GB of RAM. Because of the critical nature of the application, the company also wants to leverage Reliable Memory Technology.

What is the minimum edition of vSphere that will support this scenario?

- A. vSphere Standard Edition
- B. vSphere with Operations Management Standard Edition
- C. vSphere Enterprise Edition
- D. vSphere with Operations Management Enterprise Edition

**Answer: C**

### Question No : 2 - (Topic 1)

How should a vSphere administrator disable memory compression?

- A. Attach a vSphere Client to an ESXi host and edit the Mem.MemZipEnable advanced setting.
- B. Connect to vCenter Server using the vSphere Client and edit the virtual machine. Insert the Mem.MemZipDisable option and set the value to True.
- C. Connect a vSphere Client to vCenter Server and configure the Memory Compression setting from the Administration menu.
- D. Reboot the ESXi host and disable memory compression in the BIOS under Advanced Settings.

**Answer: A**

## Topic 4, Deploy and Administer Virtual Machines and vApps

### Question No : 3 - (Topic 4)

Before upgrading from vCenter 4.x to 5.x, an administrator runs the vCenter Host Agent Pre-Upgrade Checker. The Checker reports an issue.

What would cause the vCenter Host Agent Pre-Upgrade Checker to report an issue?

- A. The .NET framework 3.5 is installed.
- B. The host network card is only 1 Gbps.
- C. The file system is not intact.
- D. The VMFS file system is version 4.0.

**Answer: C**

#### **Question No : 4 - (Topic 4)**

A vSphere administrator needs the ability to adjust the amount of guaranteed physical CPU and Memory resources to a virtual machine without incurring application downtime.

Which actions must the administrator perform?

- A. Enable CPU hotplug and Memory hotplug on the virtual machine.
- B. Adjust the number of CPUs and the Memory Configuration for the virtual machine.
- C. Adjust the CPU reservation slider and click the Reserve all Guest Memory checkbox.
- D. Adjust the CPU and Memory reservation sliders on the virtual machine.

**Answer: D**

#### **Topic 5, Establish and Maintain Service Levels**

#### **Question No : 5 - (Topic 5)**

An administrator has configured a vSphere 5.5 test environment to evaluate the Virtual SAN feature using Automatic Mode Disk Groups. The administrator needs to disable the Virtual SAN cluster while preserving the virtual machines running on that cluster.

The administrator has already installed a vSphere 5.5 Client on a Windows 7 desktop and also has access to the vSphere 5.5 Web Client.

What should the administrator do to disable the Virtual SAN?

- A. Use Storage vMotion to migrate the virtual machines to another datastore then use the vSphere 5.5 Client to disable the Virtual SAN.
- B. Use Storage vMotion to migrate the virtual machines to another datastore then use the vSphere 5.5 Web Client to disable the Virtual SAN.

- C. Use the vSphere 5.5 Client to disable the Virtual SAN, which will automatically migrate the virtual machines via the Storage DRS feature.
- D. Use the vSphere 5.5 Web Client to disable the Virtual SAN, which will automatically migrate the virtual machines via the Storage DRS feature.

**Answer: B**

**Question No : 6 - (Topic 5)**

A virtual machine fails to migrate during a Storage DRS event.

What could cause this issue?

- A. Storage DRS is enabled for the datastore cluster but disabled for the virtual disks.
- B. Storage DRS is enabled, but vMotion is disabled for the affected virtual machine.
- C. The vMotion network used for Storage DRS is down for a host in the cluster.
- D. Storage DRS is attempting to migrate the virtual machine between VMFS and NFS datastores.

**Answer: A**

**Question No : 7 - (Topic 5)**

An administrator has created a Virtual Flash Read Cache and needs to add a total 2TB of capacity to the cache. The administrator has a total of six SSD disks to add, but is unable to add one of the disks.

What is a likely cause of the problem?

- A. The SSD device size is less than 256GB.
- B. The SSD device size is greater than 4TB.
- C. The SSD device is a local disk.
- D. The SSD device contains existing data.

**Answer: B**

**Question No : 8 - (Topic 5)**

An administrator decreases the CPU share value for two virtual machines in a DRS cluster from 1000 to 100 shares. The DRS cluster contains more resources than both virtual machines can consume.

The characteristics of the virtual machines are listed below:

- The second virtual machine is a clone of the first virtual machine.
- Both virtual machines are identical in every way.
- Both virtual machines are not attached to the IP network.
- Both virtual machines are powered on.

What impact on the virtual machines' performance will be observed?

- A.** The virtual machines will have equal performance under all conditions.
- B.** The performance of the virtual machines will reduce by a factor of ten once the share value is adjusted.
- C.** The virtual machines will have equal performance under normal conditions and reduced performance when contention occurs.
- D.** The original virtual machine will perform better than the clone when contention occurs.

**Answer: A**

#### **Question No : 9 - (Topic 5)**

The load on a Fully Automated HA/DRS cluster is critically unbalanced.

What condition could cause this issue?

- A.** DRS is disabled on one or more virtual machines.
- B.** The migration threshold is set to Moderate.
- C.** Storage vMotion is not enabled on the cluster.
- D.** Storage DRS is disabled on the datastore hosting the cluster's virtual machines.

**Answer: A**

#### **Topic 6, Perform Basic Troubleshooting**

#### **Question No : 10 - (Topic 6)**

A vSphere administrator enables and configures a Software iSCSI Initiator, and configures an iSCSI vmkernel portgroup with Port Binding. The SAN administrator creates a few LUNs on an iSCSI server. However, when the vSphere administrator adds the IP address of the iSCSI server in the Dynamic Discovery list, no iSCSI targets are detected.

What condition would result in this behavior?

- A.** The iSCSI vmkernel portgroup and the iSCSI server are on different subnets.
- B.** The iSCSI server IP address should be entered in the Static Discovery instead of Dynamic Discovery list.
- C.** The network card bound to the iSCSI portgroup is 1Gbps Ethernet instead of 10Gbps.
- D.** A Software iSCSI Initiator cannot use Port Binding in conjunction with Dynamic Discovery.

**Answer: A**

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