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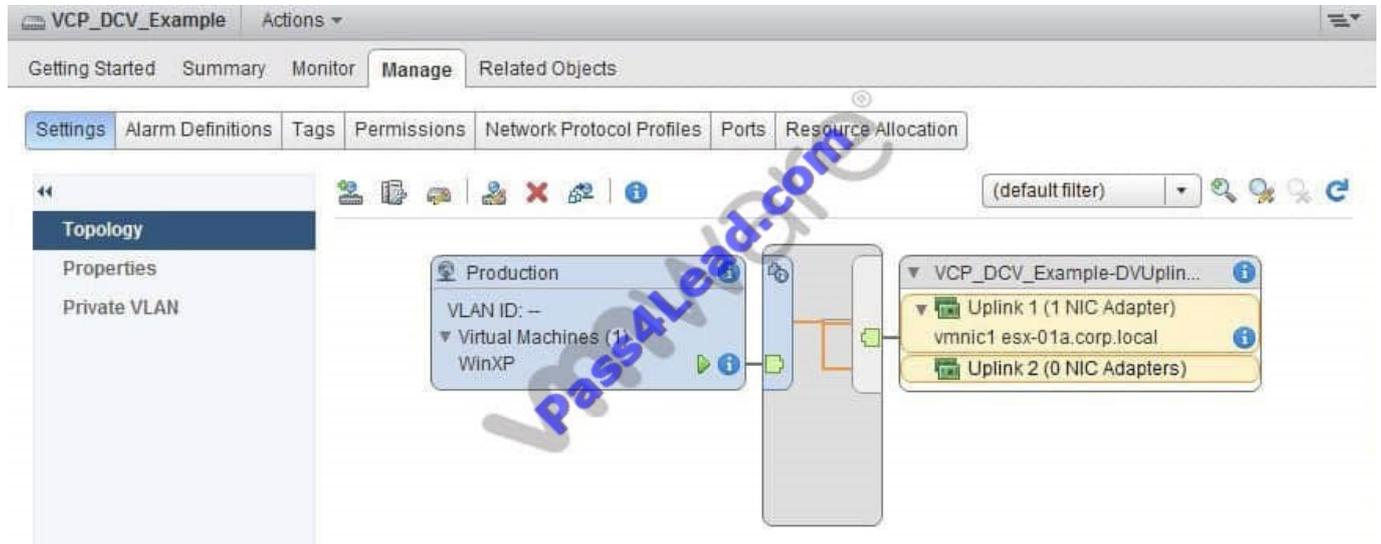
**Exam Code:**VCP550

**Exam Name:**VMware Certified Professional - Data  
Center Virtualization

**Version:**Demo

## QUESTION 1

-- Exhibit -



-- Exhibit -Users accessing the WinXP virtual machine shown in the exhibit report intermittent connectivity to the corporate network.

The configuration is as follows:

This virtual machine runs in a DRS/HA cluster of two ESXi hosts.

The VCP\_DCV\_Example vSphere Distributed Switch was recently created.

The WinXP virtual machine was recently migrated from another vSphere Distributed Switch.

The WinXP virtual machine was able to connect prior to migration to this switch.

No changes to the VCP\_DCV\_Example switch have been made since creation.

Which step should the administrator take to resolve the WinXP virtual machine's intermittent connectivity to the corporate network?

- A. Add the ESXi host to the switch where the virtual machine is currently running
- B. Disable Port Blocking on the VCP\_DCV\_Example switch
- C. Disable Port Blocking on the Production port group
- D. Enable Network I/O Control on the switch to better balance I/O

Correct Answer: A

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## QUESTION 2

A vSphere administrator needs to add more space to an existing 3-node Virtual SAN cluster. The attempts to add the new host to the cluster as a contributing member have failed. However, it can be added as a non-contributing member.

The host was previously used in a single host configuration. The administrator recently upgraded the host from ESXi 5.1 to 5.5 prior to adding it to the cluster.

What is the reason for this failure?

- A. The only SSD disk in the new host was formatted with a VMFS datastore.
- B. The new host has a 10Gbps NIC while the rest of the cluster members have 1Gbps NICs.
- C. The RAID controller in the new host does not have enough cache for the Virtual SAN datastore.
- D. The new host's VMFS datastores do not have sufficient capacity to be added as a contributing member.

Correct Answer: A

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### QUESTION 3

An administrator needs to migrate a virtual machine from one datastore to another, but the virtual machine has a snapshot. The virtual machine is running on an ESXi 5.x host. Which action must the vSphere administrator take to ensure that the snapshot data remains intact?

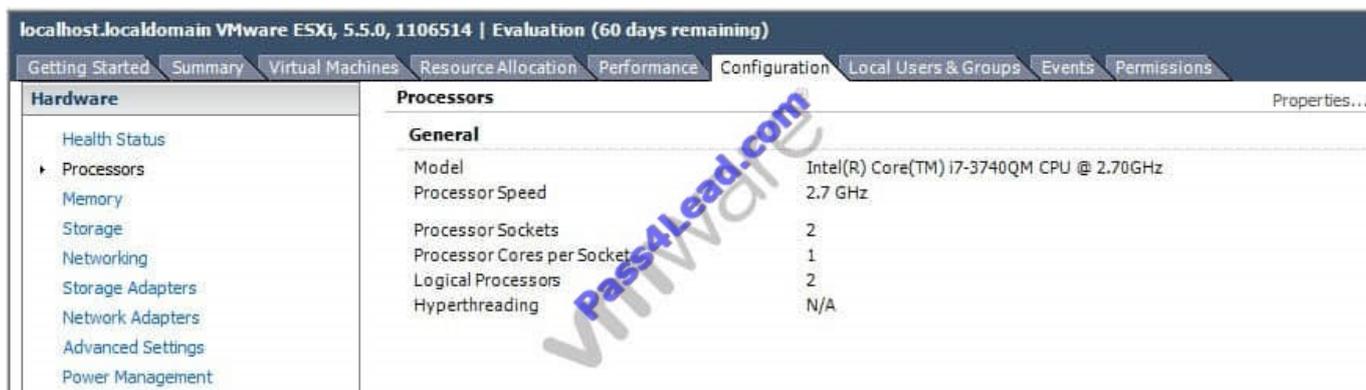
- A. Perform a standard Storage vMotion migration.
- B. Consolidate the snapshot and then perform a Storage vMotion migration.
- C. Perform a Storage vMotion migration and then copy the snapshot file to the new location.
- D. Delete the snapshot and then perform the Storage vMotion migration.

Correct Answer: A

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### QUESTION 4

-- Exhibit -



-- Exhibit -Which two statements below could explain why the vSphere Client is reporting N/A for hyperthreading?  
(Choose two.)

The physical CPUs in the host do not support hyperthreading.

- A. Hyperthreading is disabled in the host's BIOS.
- B. The physical CPUs in the host are not multi-core.
- C. The number of CPUs meets or exceeds the maximum without hyperthreading.

Correct Answer: AB

#### QUESTION 5

Why would a vSphere administrator configure resource shares for a virtual machine?

- A. To prioritize access to a resource during contention
- B. To guarantee access to a resource during contention
- C. To prioritize access to a resource at all times
- D. To guarantee access to a resource at all times

Correct Answer: A

#### QUESTION 6

An administrator is installing ESXi 5.x to a local SAS drive. The installation stops on a purple screen and shows the error:

The system has found a problem on your machine and cannot continue. Could not populate the filesystem: Admission check failed

Which action should the administrator take to resolve this issue?

- A. Upgrade the ESXi host to meet the minimum hardware requirement for installation.
- B. Disable the network interface cards (NICs) to ensure that third-party drivers do not interfere with installation.
- C. Enable hardware Virtualization Technology in the ESXi host BIOS.
- D. Disable the Host Bus Adapters (HBA) to ensure the installation targets the local disk.

Correct Answer: A

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### QUESTION 7

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.

Correct Answer: A

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### QUESTION 8

A number of virtual machines in a vSphere 5.5 DRS cluster are connected to the same virtual switch port group. After several of these VMs are migrated to another host, an administrator notices that they have lost network connectivity.

The

Events tab in vCenter Server shows this error message:

Failed to initialize ethernet0.

The vmkernel log file on the host running the affected VMs contains this message:

Can't connect device:\\port group name\\: Out of resources.

Which caused this issue?

- A. Network I/O Control was enabled.
- B. The DRS cluster containing the VMs was set to Fully Automated with the Migration Threshold set to Conservative.
- C. There were insufficient uplinks configured on the virtual switches.
- D. The virtual switch port allocation was changed from the default setting.

Correct Answer: D

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#### QUESTION 9

An administrator has deployed vSphere Data Protection and wants to configure several virtual machine backup jobs. When using the vSphere client on a Windows 7 desktop, the administrator notices that there is no icon for vSphere Data Protection in the Solutions and Applications area of the vSphere client.

What is the reason the administrator is unable to access vSphere Data Protection from the vSphere client on their desktop?

- A. The vSphere Data Protection client plug-in is not installed on the administrator's desktop.
- B. Accessing vSphere Data Protection requires the use of the vSphere Web Client.
- C. The vSphere Data Protection plug-in is disabled in the vSphere Client on the administrator's desktop.
- D. The administrator's desktop does not have connectivity to the vSphere Data Protection virtual appliance.

Correct Answer: B

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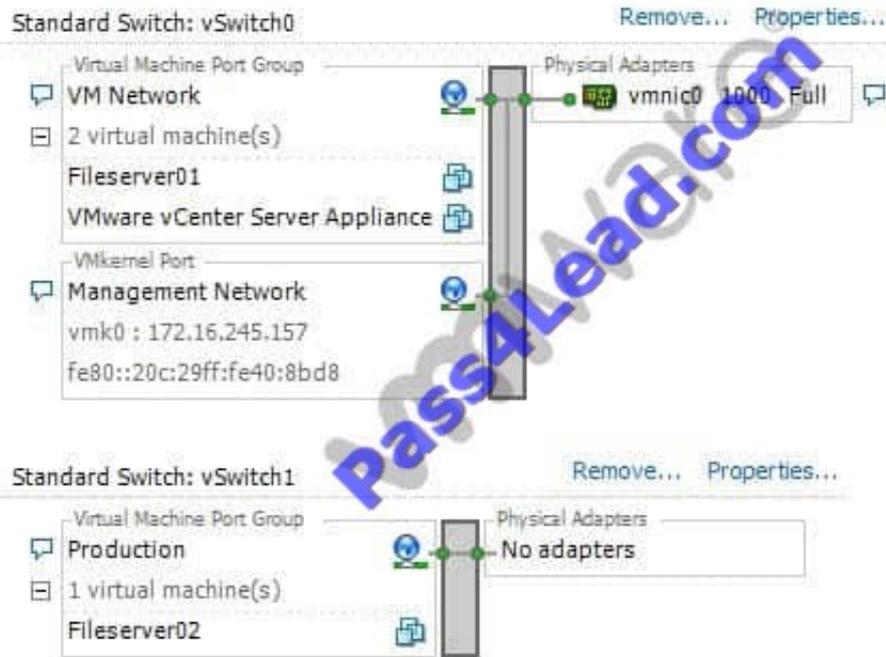
#### QUESTION 10

-- Exhibit -

View: vSphere Standard Switch

Networking

Refresh Add Networking... Properties...



-- Exhibit -The vSphere administrator needs to remove the Production virtual machine port group from an ESXi host. The ESXi host's Networking Configuration tab is shown in the exhibit.

After disconnecting the Fileserver02 VM, what step does the administrator need to take, assuming that vSwitch1 will still be needed for further configuration?

- A. Remove the Production port group by accessing the properties for the port group.
- B. Remove the Production port group by accessing the properties for vSwitch1.
- C. Remove the Production port group by accessing the properties for the Network.
- D. Remove the Production port group by removing vSwitch1.

Correct Answer: B

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## QUESTION 11

How is changed block tracking (CBT) used in a vSphere implementation?

- A. CBT is used by the VMkernel to reduce time needed for virtual machine copy operations.
- B. CBT is used by VMware Data Protection (VDP) to reduce time needed for backup jobs.
- C. CBT is used by vCenter Server to reduce the size of snapshots.

D. CBT is used by vSphere Replication for synchronous replication operations.

Correct Answer: B

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#### **QUESTION 12**

Which VMware Tools upgrade method minimizes the need for scheduled downtime?

- A. Use vCenter Server to select and upgrade virtual machines
- B. Use vSphere PowerCLI and create a script to upgrade the virtual machines
- C. Use Update Manager to perform an orchestrated upgrade of virtual machines
- D. Configure the virtual machines to check for and install updates at each reboot cycle

Correct Answer: D

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