



**VMware**

# **VCP5-DCV**

*VMware Certified Professional 5-Data Center Virtualization*

- A. Check the status of the CIM Data Feed in vCenter Service Status
- B. Check the status of the vCenter Hardware Service in the Windows Services applet
- C. Check the status of the vCenter Hardware Service in the Plug-in Manager
- D. Check the status of the CIM Data Feed on the ESXi host

**Answer:** A, C

**QUESTION:** 312

What protocol is used by an ESXi host to communicate with NAS devices?

- A. iSCSI
- B. CIFS
- C. NFS
- D. SMB

**Answer:** C

**QUESTION:** 313

An administrator is configuring iSCSI for use with a vSphere environment. Which networking feature should be configured on the ESXi host to improve iSCSI performance?

- A. Jumbo Frames
- B. NetQueue
- C. EtherChannel
- D. PortFast

**Answer:** A

**QUESTION:** 314

What is the maximum number of VMkernel swap files that an ESXi host can have on a single VMFS volume?

- A. 1

- B. VMkernel swap files must be stored locally on the ESXi host
- C. 1 per virtual machine
- D. 1 per virtual disk

**Answer:** C

**QUESTION:** 315

An administrator would like to set up Host Profiles in a vSphere architecture. Using the vSphere Client, the administrator connects to vCenter Server and navigates to Management, then begins to build a new Host Profile but is unable to save the profile. Why is the administrator unable to save the completed profile?

- A. The administrator does not have the proper vSphere edition so this feature is not licensed
- B. The Host Profiles service is stopped and must be restarted to access this option
- C. No ESXi hosts have been added to vCenter Server, and this option will not be available until at least one host is managed
- D. No DRS/HA Cluster has been defined, and Host Profiles must be applied to a cluster.

**Answer:** C

**QUESTION:** 316

At which two levels can blocking policies be applied on a vNetwork Distributed Switch? (Choose two.)

- A. Virtual Adapter
- B. dvUplink
- C. dvPort Group
- D. Physical Adapter

**Answer:** BC

**QUESTION:** 317

A company has been utilizing templates in its environment. It is running a 10-node ESXi 5.x Cluster and DRS has not been configured. Several virtual machines have been deployed from this template and successfully powered on, but a newly deployed virtual machine will not power on. There appears to be adequate CPU and Memory resources available on the host. Which three things can be done to

allow more virtual machines to be deployed into the cluster from this template?  
(Choose three.)

- A. Deploy the virtual machine to a different host using the same datastore
- B. Enable DRS on the cluster to balance the virtual load out across hosts
- C. Increase the virtual machine memory reservation
- D. Move the swap file to a different location
- E. Select a different datastore for the virtual machine

**Answer:** C, D, E

**QUESTION:** 318

Which functionality does vSphere HA provide?

- A. Automatic restart of virtual machines
- B. Automatic balancing of server workloads
- C. High availability of ESXi hosts in a cluster
- D. Zero downtime for virtual machines

**Answer:** A

**QUESTION:** 319

Which three Path Selection Policies are supported by default in vSphere? (Choose three.)

- A. MRU (Most recently used)
- B. Round Robin
- C. Fixed
- D. Least I/O
- E. Least Busy

**Answer:** A, C, B

**QUESTION:** 320

You have a Windows 2003 Server virtual machine (VM) that is experiencing performance problems. Task Manager displays the following information:

- CPU Usage: 85%
- Memory Available: 3 GB

- Network Utilization: 25%
- vCenter Server displays this additional information:
- ESXi host CPU Utilization: 60%
  - VMkernel Swap Activity: None
  - Average Network Usage: 900 Mbps

What is the most likely cause for the performance problems?

- A. The VM is CPU constrained.
- B. The ESXi host is CPU constrained.
- C. The ESXi host NIC is being over utilized.
- D. The ESXi host needs more memory installed.

**Answer:** C

**QUESTION:** 321

An administrator wants to restrict the ability of selected administrators to install plug-ins in their vSphere Client applications. Which action should the administrator perform?

- A. Modify permissions for the administrators and add the Disable Methods privilege.
- B. Modify permissions for the administrators and add the Validate Session privilege.
- C. Modify permissions for the administrators and remove the CIM Interaction privilege.
- D. Modify permissions for the administrators and remove the Register Extension privilege.

**Answer:** C

**QUESTION:** 322

Which condition produces a warning message but will allow a VMotion migration to proceed?

- A. A virtual machine has an active connection to the ESXi host's CD-ROM drive
- B. A virtual machine has a CPU affinity set to run on a specific CPU.
- C. A virtual machine is in an MSCS Cluster relationship with another virtual machine

D. A virtual machine is configured to use an internal virtual switch but is not connected to the switch

**Answer:** D

**QUESTION:** 323

An administrator finds that an ESXi host cannot be managed by vCenter Server. Which three logs can be reviewed using the DCUI? (Choose three.)

- A. The ESXi shell logs
- B. The HA agent logs
- C. The management agent log
- D. The vmkernel log
- E. The VMware ESXi Observation log

**Answer:** C, D, E

**QUESTION:** 324

Which two actions have no effect on the amount of physical memory resources used for virtualization overhead? (Choose two.)

- A. Installing a 64-bit versus 32-bit operating system.
- B. Increasing the amount of RAM in the virtual machine.
- C. Increasing the number of virtual CPUs in the virtual machine.
- D. Increasing the memory shares for the virtual machine.

**Answer:** A, D

**QUESTION:** 325

Which memory conservation technique allows the secure elimination of redundant copies of memory pages between virtual machines on the host?

- A. VMkernel Swap
- B. Memory Balloon Driver
- C. RAM Overcommit
- D. Transparent Page Sharing

**Answer:** D

**QUESTION:** 326

An administrator determines that a virtual machine configured for the Development port group lost network connectivity when it was migrated with vMotion from one ESXi 5.x host to another. The administrator notices that machines configured for the Production port group are not experiencing the issue. The hosts have port groups with the following network configuration:

Host A:

1. Production (VLAN 100)
2. Development

Host B:

1. Production (VLAN 100)
2. Development (VLAN 200)

Which two conditions would explain the loss of network connectivity for the virtual machine?

(Choose two.)

- A. The configured VLAN for Production on Host A is incorrect.
- B. The configured VLAN for Development on Host B is incorrect.
- C. An improper native VLAN is configured on the uplinks to Host A.
- D. An improper native VLAN is configured on the uplinks to Host B.

**Answer:** B, C

**QUESTION:** 327

An administrator is setting up vMotion in a vSphere environment. A migration is run to test the configuration, but fails. On which vSphere component does vMotion need to be enabled?

- A. vCenter Server
- B. Virtual Machine port group
- C. VMkernel port group
- D. vNetwork Standard Switch

**Answer:** C

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