

Guarantee Your Success In VCP510 Exam With Passleader VCP510 New Dumps (1-20)

QUESTION 1 Which two circumstances might cause a DRS cluster to become invalid? (Choose two.) A. DRS has been disabled on one or more ESXi hosts. B. An ESXi host has been removed from the cluster. C. A migration on a virtual machine is attempted while the virtual machine is failing over. D. Virtual machines have been powered on from a vSphere Client connected directly to an ESXi host. Answer: BD Explanation:

<http://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.resmgmt.doc%2FGUID-C7417CAA-BD38-41D0-9529-9E7A5898BB12.html>

QUESTION 2 An administrator finds that vMotion and Storage vMotion operations do not succeed on a virtual machine. The virtual machine has been configured with N_Port ID Virtualization. The virtual machine has two data RDMs, one using a RAID5 LUN and one using a RAID0+1 LUN. The mapping file for the RAID5 LUN was created on the same datastore as the virtual machine, and the mapping file for the RAID0+1 LUN was placed in a datastore used for production data virtual disks. Which two statements are true about this configuration? (Choose two.) A. Storage vMotion cannot be used unless both mapping files are placed on the same datastore. B. vMotion cannot be used unless both mapping files are placed on the same datastore. C. vMotion cannot be used with RDMs. D. Storage vMotion cannot be used with NPIV. Answer: BD Explanation:

QUESTION 3 An administrator is configuring Storage DRS in their environment. The Datastore cluster is composed of 4 VMFS3 volumes and 9 VMFS5 volumes. Storage DRS has been enabled, but is showing as disabled on several virtual machine disks in the datastore cluster. Which two conditions would cause this error to occur? (Choose two.) A. The virtual machine is stored on a VMFS 3 volume. B. One or more virtual machines have Persistent disks. C. The virtual machine is stored on a NFS datastore. D. The virtual machine is stored on a datastore with a 2mb block size. Answer: AB Explanation:

Storage DRS does not work with VMFS 3 volume. So it will definitively show an error. If the error is shown on VMFS 5 volumes, it must be caused by the virtual machines that have persistent disks. QUESTION 4 A company has converted several physical machines to virtual machines but are seeing significant performance issues on the converted machines. The host is configured with sufficient memory and storage does not appear to be a bottleneck. Which metric can be checked to determine if CPU contention exists on an ESXi 5.x host? A. %RUN B. %WAIT C. %USED D. %RDY Answer: D Explanation:

QUESTION 5 Which three statements regarding Network I/O Control (NIOC) are accurate? (Choose three.) A. NIOC enforces traffic bandwidth limits on the overall vDS set of dvUplinks. B. NIOC limits maximum throughput control on connected virtual machines. C. Load based teaming efficiently uses a vDS set of dvUplinks for network capacity. D. Isolation provides priority to any one traffic flow. E. Relative shares fairly allocates available bandwidth among multiple flows. Answer: ACE Explanation:

<http://www.vmware.com/ca/en/products/vsphere/features-network-io-control> QUESTION 6 Which three requirements must be met in order to use Storage I/O Control? (Choose three.) A. The datastore must contain multiple VMFS extents. B. The datastore must contain a single NFS volume. C. The datastore must not include virtual machines with snapshots. D. The datastore must be managed by a single vCenter Server. E. Array-based automated storage tiering must be explicitly certified. Answer: BDE Explanation:

QUESTION 7 What number of IOPS should be used with Storage I/O Control to limit disk throughput to roughly 10 MBps if the guest application writes 64KB blocks? A. 320 B. 160 C. 240 D. 64 Answer: B Explanation:

http://www.vmware.com/files/pdf/techpaper/view_storage_considerations.pdf (page 3 and 4) QUESTION 8 It appears that a single vCPU virtual machine in a resource pool called Production is having performance problems because it does not have enough CPU resources available. Which two methods can be used to improve performance and reduce CPU contention of this virtual machine while maintaining compatibility with DRS? (Choose two.) A. Configure a CPU reservation for this virtual machine. B. Increase the CPU shares for the resource pool. C. Increase the CPU shares for the virtual machine. D. Increase the share priority setting for the Production resource pool. Answer: AC Explanation:

To improve performance and reduce CPU contention of this virtual machine, you need to configure a CPU reservation and increase CPU shares for this virtual machine. QUESTION 9 An administrator is performing maintenance on a storage array used by an ESXi 5.x host. The administrator wants to disable alarm actions for the host while the maintenance is taking place. What procedure will accomplish this task? A. Go to the Alarms tab for each ESXi host in the

DRS cluster. Locate storage-related alarms. Right-click and disable each alarm. B. Right-click the DRS cluster and select Alarm and Disable Alarm Actions. C. Right-click the ESXi host and select Alarm and Disable Alarm Actions. D. Go to the Alarms tab for the Datacenter containing the DRS cluster. Locate the storage-related alarms. Right-click and disable each alarm. Answer: C Explanation:

<http://pubs.vmware.com/vsphere-51/topic/com.vmware.vsphere.monitoring.doc/GUID-85A83C37-BE5B-4A35-804F-901063CECFAB.html>

QUESTION 10 An administrator would like to have vCenter take action any time a virtual machine is using over 90% of its available resources for five minutes or longer. Which three actions can be taken by vCenter Server in response to the trigger without running a script? (Choose three.) A. Power on a VM B. Reboot Guest on VM C. Increase Virtual Machine Memory D. Migrate a VM

E. Increase Virtual Machine CPU Shares Answer: ABD Explanation: Power on a VM, reboot guest and Migrate a VM will be the actions taken by vCenter Server in response to a trigger without needing a script. Guarantee Your

Success In VCP510 Exam With Passleader VCP510 New Dumps <http://www.passleader.com/vcp510.html> QUESTION 11 A group of virtual machines has been deployed using thin disks because of limited storage space availability. The storage team has expressed concern about extensive use of this type of provisioning. At which level can the administrator set an alarm to notify the storage team? A. Datastore B. Virtual Machine C. Host D. Resource Pool Answer: A Explanation: You can set the alarm at Datastore level to notify storage team. Thin provisioning is done on datastore so the alarm should be set there. QUESTION 12 An administrator has purchased a new 10GB Converged Network Adapter (CNA) for installation in a system that is running ESXi 5.x. The administrator has downloaded the latest driver from the hardware vendor and wants to include the driver in an image. The image profile acceptance level is set to VMwareSupported. The acceptance level of the driver is VMwareSupported. Which two statements are true about the inclusion of this driver in the image? (Choose two.) A. Support calls for the driver will be directed to the partner. B. The image can be built, but the driver will not be included in the image. C. The image can be built and the driver will be included. D. Support calls for the driver will be handled by VMware. Answer: AC Explanation: The acceptance level of all VIBs on a host must be at least as high as the host acceptance level. For example, if the host acceptance level is VMware Accepted, you can install VIBs with acceptance levels of VMware Certified and VMware Accepted, but you cannot install VIBs with acceptance levels of Partner Supported or Community Supported. To install a VIB with a less restrictive acceptance level than that of the host, you can change the acceptance level of the host by using the vSphere Client or by running esxcli software acceptance commands. Setting host acceptance levels is a best practice that allows you to specify which VIBs can be installed on a host and used with an image profile, and the level of support you can expect for a VIB. For example, a Community Supported VIB might not be recommended for an ESXi server in a production environment. QUESTION 13 What are the three service offerings provided by a VMware-powered public cloud? (Choose three.) A. Committed B. Transient C. Dedicated D. Highly Elastic E. Basic Answer: ACE Explanation:

<http://www.vmware.com/files/pdf/cloud/VMware-ServiceDef-Public-Cloud-11Q1-White-Paper.pdf> (page 6, see service offerings)

QUESTION 14 An administrator has been tasked with upgrading an existing host from ESX 4.1 to ESXi 5.x. The existing host has only vSwitch0 with all the default settings. The upgraded host will have the following new requirements: 1. 116 virtual machines will be connected. 2. four uplinks configured for port-based load balancing. 3. The switch will include a secondary heartbeat network for HA. Which two statements are true about this configuration? (Choose two.) A. The Service Console Port will be removed during the upgrade B. The configuration requires only one VMkernel Port C. The default vSwitch0 is sufficient for this configuration D. A change to vSwitch0 Properties is required Answer: AD Explanation: VMware has removed the service console port group with the release of vSphere 5. You can execute the same command, which you used to do on vSphere 4 service console using vMA, CLI and PowerCLI. QUESTION 15 Virtual machine VM1 is unable to communicate with virtual machine VM2. Both virtual machines are connected to a portgroup named Production on vSwitch1 on host ESXi01. Which statement could explain why?

A. The only vmnic connected to vSwitch1 on ESXi01 is set to unused B. The only vmnic connected to vSwitch1 on ESXi01 is set to standby C. Load balancing settings on Production do not match vSwitch1 D. VM1 is configured for VGT, VM2 is configured for VST Answer: D Explanation:

http://www.vmware.com/pdf/esx_vlan.pdf (page 7) QUESTION 16 An administrator is creating a new virtual machine using the New Virtual Machine wizard in custom mode on an ESXi 5.x host with two quad-core CPUs. What would limit the maximum number of virtual sockets for the virtual machine to 8? (Choose three.) A. Windows 2008 32-bit is

configured as the guest operating system. B. Virtual machine hardware version 8 is configured for the VM. C. Hyperthreading is disabled on the ESXi host. D. The ESXi host is configured with a Standard license. E. The number of cores per virtual socket is set to 4. Answer: CDE Explanation:

Disable hyperthreading on the ESXi host and configure the host with a standard license. Then set the number of cores per virtual socket to 4 and you will limit the virtual sockets for a virtual machine to 8. QUESTION 17 What are two methods of maximizing VMFS performance for virtual machines across all the hosts in a cluster? (Choose two.) A. Use disk shares to prioritize virtual machine disk I/O B. Enable Storage I/O control C. Enable Storage DRS with I/O load balancing D. Enable Host Cache using local SSD drives Answer: BC Explanation: To maximize VMFS performance of virtual machines, you can enable Storage I/O control and storage DRS with I/O load balancing.

<http://www.vmware.com/files/pdf/techpaper/VMW-vSphere41-SIOC.pdf> QUESTION 18 Which two statements are true regarding vSphere standard switches? (Choose two.) A. Beaconing requires at least three uplinks to be considered useful. B. Virtual machines on different vSwitches require the vSwitches to share an uplink to communicate. C. vSphere virtual switches require at least one uplink adapter. D. Setting the number of ports to the maximum on a vSwitch will exhaust the total ports on a host. Answer: AD Explanation:

http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=1005577
<http://pubs.vmware.com/vsphere-50/topic/com.vmware.ICbase/PDF/vsphere-esxi-vcenter-server-50-networking-guide.pdf>

QUESTION 19 Which types of traffic can a VMkernel port be enabled to carry on a ESXi 5.x host? (Choose three.)

A. NFS B. Fault Tolerant C. Management D. iSCSI E. vMotion Answer: BCE Explanation:

<http://www.epubbud.com/read.php?g=8MVD69ZN&toCP=15> QUESTION 20 Networking policies for a vSphere Standard Switch, such as traffic shaping and security, can be overridden on which vSphere elements? A. On the virtual machine B. On the physical switch C. On the physical network interface D. On the port group Answer: D Explanation:

<http://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.networking.doc%2FGUID-3A9D9911-3632-4B81-9D2E-A2F9F2D01180.html> Guarantee Your Success In VCP510 Exam With Passleader VCP510 New Dumps

<http://www.passleader.com/vcp510.html>