



**VMware**

# **VCPD510**

*VMware Certified Professional - Desktop*

**Answer:** A, C

**QUESTION:** 229

An administrator is configuring admission control settings for a vSphere HA cluster. The administrator selects the option Allow VMs to Be Powered On Even if They Violate Availability Constraints. Which two events occur during an ESXi host failure? (Choose two.)

- A. Virtual machines with a High restart priority are restarted first.
- B. Virtual machines with a Low restart priority are not restarted.
- C. HA will not restart virtual machines configured for FT.
- D. Virtual machines with VM monitoring set to enabled are restarted.

**Answer:** A, C

**QUESTION:** 230

Which two conditions could prevent HA from powering on a virtual machine? (Choose two.)

- A. There is not enough free memory to meet the guests memory reservation.
- B. The virtual machine has been assigned a required affinity rule.
- C. Strict admission control is disabled for the HA cluster.
- D. The vCenter is hosted on the ESXi host that failed.

**Answer:** A, B

**QUESTION:** 231

Which three statements regarding Network I/O Control (NetIOC) are accurate? (Choose three.)

- A. Enforce traffic bandwidth limit on the overall vDS set of dvUplinks.
- B. Limits enforces maximum throughput control on a virtual machine.
- C. Load based teaming efficiently uses a vDS set of dvUplinks for network capacity.
- D. Isolation allows domination by any one traffic flow.
- E. Relative shares fairly allocates available bandwidth among multiple flows.

**Answer:** A, C, E

**QUESTION:** 232

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:** B, D, E

**QUESTION:** 233

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:** A, C

**QUESTION:** 234

The performance graph for a virtual machine with 1GB of RAM shows the Swap In rate to be 150 MBps and the Balloon value to be at 0 MB. Users of the virtual machine are complaining that performance is slow. Which two actions could increase performance of the virtual machine? (Choose two.)

- A. Install the VMMEMCTL driver on the ESXi host.
- B. Increase the memory share value for this virtual machine.
- C. Install VMware Tools into this virtual machine.
- D. Disable swapping in the virtual machine operating system.

**Answer:** B, C

**QUESTION:** 235

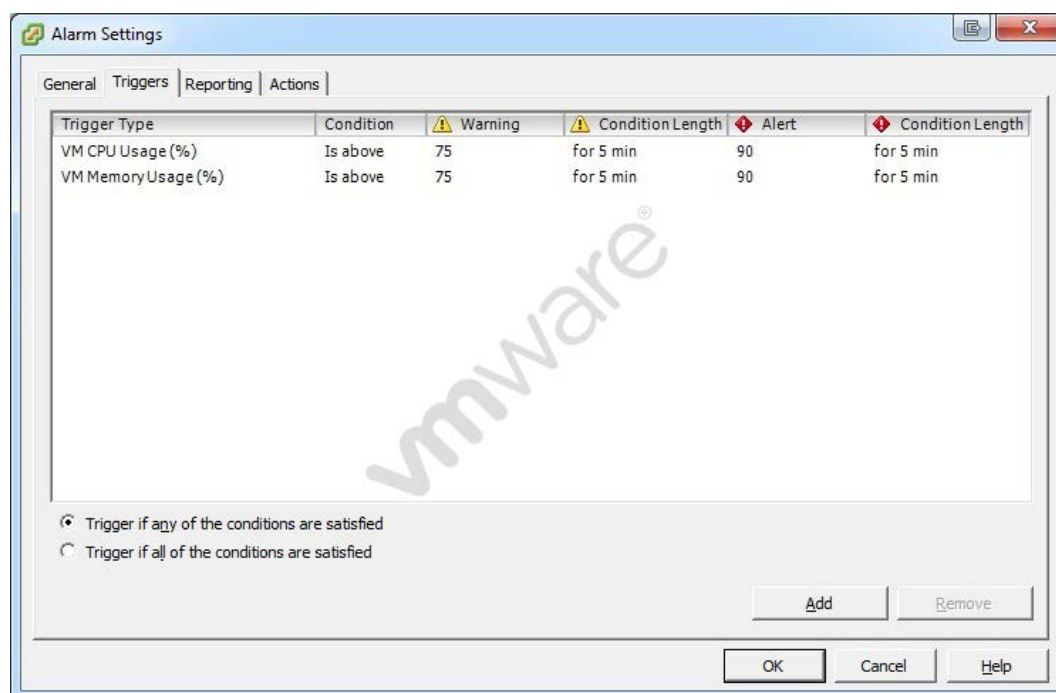
A user wants to receive an email notification when the virtual machine CPU usage enters a warning state and again when the condition enters a alarm state. Which two state changes must be selected to receive the appropriate notifications? (Choose two.)

- A. Yellow-red state change
- B. Red-green state change
- C. Yellow-green state change
- D. Green-yellow state change

**Answer:** A, D

**QUESTION:** 236

-- Exhibit --



-- Exhibit --

Click the Exhibit button.

ACME Party Supplies Corporation has a requirement to monitor all virtual machines in a vSphere 5 environment for CPU and Memory usage. An administrator configures an

alarm in vCenter Server to send an alert when any VM exceeds 65% memory utilization and 75% CPU utilization. The alarm should warn administrators if the virtual machine is within 20% of the defined thresholds. The alarm has been created with the default options as shown in the exhibit. Which three modifications must be made to the default settings in the alarm definition to satisfy the stated requirements? (Choose three.)

- A. Set the VM CPU Usage (%) Alert trigger to 75% and the VM Memory Usage(%) Alert trigger to 55%
- B. Set the VM CPU Usage (%) Alert trigger to 75% and the VM Memory Usage(%) Warning trigger to 55%
- C. Set the VM CPU Usage (%) Warning trigger to 65% and the VM Memory Usage (%) Warning trigger to 45%
- D. Set the Trigger if all of the conditions are satisfied radio button
- E. Set the Trigger if any of the conditions are satisfied radio button

**Answer:** A, C, D

**QUESTION:** 237

Recently, a storage interface card in an ESXi 5.x host has been experiencing inconsistent connectivity states. Which two methods can be used to quickly identify the issue and immediately notify an administrator so that the issue can be resolved? (Choose two.)

- A. Set up an alarm with the Lost Storage Path trigger to send an email for notification when the connection is lost.
- B. Set up an alarm with the Lost Storage Connectivity trigger to send an email for notification when the connection is lost.
- C. Set up an alarm with the Storage Redundancy Degraded trigger and configure an SNMP trap for notification when the connection is lost.
- D. Set up an alarm with the Lost Storage Connectivity trigger and configure an SNMP trap for notification when the connection is lost.

**Answer:** B, D

**QUESTION:** 238

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:** A, B, D

**QUESTION:** 239

Which three Storage I/O Control conditions might trigger the Non-VI workload detected on the datastore alarm? (Choose three.)

- A. The datastore is connected to an ESX/ESXi 4.0 host that does not support Storage I/O Control.
- B. The datastore is on an array that is performing system tasks such as replication.
- C. The datastore is utilizing active/passive multipathing or NMP (Native Multi-Pathing).
- D. The datastore is storing virtual machines with one or more snapshots.
- E. The datastore is connected to an ESX/ESXi 4.0 host that is not managed by vCenter.

**Answer:** A, B, E

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