



**VMware**

# **VCP-510**

*VMware Certified Professional for vSphere 5.0 (VCP5)*

**QUESTION: 722**

What is the Maximum resource pool per host?

- A. 1600
- B. 3000
- C. 1024
- D. 512

**Answer: A**

**QUESTION: 723**

What is the Maximum VMware Tools upgrades per VUM server?

- A. 75
- B. 70
- C. 90
- D. 24

**Answer: A**

**QUESTION: 724**

What is the Maximum datastores clusters per vCenter?

- A. 256
- B. 300
- C. 600
- D. 512

**Answer: A**

**QUESTION: 725**

What is the Maximum virtual machines hardware scans per VUM server?

- A. 75

- B. 70
- C. 90
- D. 24

**Answer:** A

**QUESTION:** 726

What is the Maximum forcedeth 1Gb Ethernet ports (NVIDIA) per host?

- A. 2
- B. 8
- C. 24
- D. 32

**Answer:** A

**QUESTION:** 727

A 2TB VMFS3 datastore has been upgraded to VMFS5. The original block size was 2MB. What effect will this upgrade have on the maximum file size supported by the datastore?

- A. The maximum virtual disk size remains 512MB
- B. The maximum virtual disk size increases to 1TB
- C. The maximum virtual disk size increases to 32TB providing the datastore is also increased
- D. The maximum virtual disk size increases to 2TB minus 512B

**Answer:** D

**Reference:**

<http://blogs.vmware.com/vsphere/2011/08/2tb-vmvks-on-upgraded-vmfs-3-to-vmfs-5-really.html>

4. Maximum file size for upgraded VMFS5 is 2TB minus 512 bytes, irrespective of the file system block size.

**QUESTION:** 728

An administrator attempts to increase the number of vCPUs in a virtual machine to 32. The configuration cannot be successfully completed. What are two likely causes of this issue? (Choose two)

- A. The vSphere 5 implementation has a license which does not include virtual SMP.
- B. The total number of cores in the host is 32 and a CPU must be reserved for ESXi.
- C. The virtual machine was built using version 7 virtual machine hardware.
- D. The vSphere 5 implementation is using an Enterprise license.

**Answer:** C, D

**Explanation:**

Virtual Hardware V.7 is limited to 8 vCPU Entitlements per CPU license Standard 64GB/8way 96GB/32way (vRAM Entitlement / vCPU/VM)

Enterprise Enterprise Plus 32GB/8way

**QUESTION:** 729

How many iSCSI LUN per 5 Host ?

- A. 128
- B. 127
- C. 256
- D. 255

**Answer:** C

**Explanation:**

<http://www.vmware.com/pdf/vsphere5/r50/vsphere-50-configuration-maximums.pdf>  
iSCSI Physical LUNs per server 256

**QUESTION:** 730

What is the maximum number of cores that can be used with Standard licensing?

- A. 8
- B. 16
- C. 12
- D. 6

**Answer:** D

**Explanation:**

Standard supports 6 cores per Processor.

**QUESTION:** 731

What is the Maximum VUM Cisco VDS update and deployment?

- A. 70
- B. 10
- C. 40
- D. 100

**Answer:** A

**QUESTION:** 732

The maximum number of hosts in a VMware HA cluster is?

- A. 8
- B. 16
- C. 32
- D. 24

**Answer:** C

**Explanation:**

Resource Pool Maximums/ Item Maximum/ HA Cluster/ Hosts per HA cluster: 32

**QUESTION:** 733

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

- A. 1 per virtual disk
- B. 1
- C. 1 per virtual machine

D. VMkernel swap files must be stored locally on the ESX Server

**Answer:** C

**Explanation:**

Memory Maximums

Table 4. Memory Maximums

Item Maximum

Swap files 1 per virtual machine

**QUESTION:** 734

What is the Maximum VMFS Volume Size?

- A. 2TB minus 512B
- B. 2TB
- C. 64TB
- D. 64TB minus 16K

**Answer:** D

**Explanation:**

Table 4. Storage Maximums

Volume size 64TB

**QUESTION:** 735

What is the maximum number of NICs configurable per virtual machine?

- A. 2
- B. 10
- C. 6
- D. 4

**Answer:** B

**Explanation:**

A virtual machine can consist of the following virtual hardware devices: Network adapter:  
Maximum of 10 network adapters

**QUESTION: 736**

What is the maximum Hosts in Linkedmode environment?

- A. 10
- B. 100
- C. 1000
- D. 200

**Answer: C**

**QUESTION: 737**

What is the maximum number of LUNs that can be assigned per ESX Host?

- A. 256
- B. 128
- C. 255
- D. 127

**Answer: A**

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