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Vendor:VMware

Exam Code:VCP-510

Exam Name:VMware Certified Professional on
VSphere 5

Version:Demo

QUESTION 1

What are two valid Resource settings that can be set at the vApp level? (Chose two.)

- A. Network
- B. CPU
- C. Memory
- D. Disk

Correct Answer: BC

QUESTION 2

vCenter reports a connectivity problem with a ESXi 5.x host that is not a member of a cluster. An administrator attempts to connect directly to the host using the vSphere Client but fails with the message "An unknown connection error occurred."

Virtual machines running on the host appear to be running and report no problem. What two methods would likely resolve the issue without affecting the virtual machines? (Choose two.)

- A. Enter the service mgmt-vmware restart command from either SSH or local CLI
- B. Select Restart Management Agents in the Direct Console User Interface (DCUI)
- C. Select Reboot Host in the Direct Console User Interface (DCUI)
- D. Enter the services.sh restart command from either SSH or the local CLI

Correct Answer: BD

QUESTION 3

What is the proper LUN Masking configuration for LUNs presented to an ESX Host when using the Boot from SAN option?

- A. The Boot LUN should be masked so that only one ESX Host can see the LUN, while the datastore LUNS should be masked so that all ESX Hosts can see the LUNs
- B. The Boot LUN and datastore LUNS should be masked so that all ESX Hosts can see the LUNs
- C. The Boot LUN should be masked so that all ESX Hosts can see the LUN, while the datastore LUNS should be masked so that only one ESX Host can see the LUNs
- D. The Boot LUN and datastore LUNS should be masked so that only one ESX Host can see the LUNs

Correct Answer: A

QUESTION 4

What would be a valid reason to enable traffic shaping?

- A. Limiting the bandwidth of a FTP server
- B. Restricting the load on a IDS server
- C. Limiting the bandwidth used by an independent hardware iSCSI adapter
- D. Improving the performance of a CPU-intensive application server

Correct Answer: A

QUESTION 5

Two child resource pools exist for a DRS cluster. The Production resource pool has been configured with a CPU reservation of 20GHz and a memory reservation of 20GB . The pool has 16 single- processor virtual machines and 4 dual-processor virtual machines. Each of these virtual machines has a CPU reservation of 1GHz and a memory reservation of 1GB . The Development resource pool and it's virtual machines have been configured with no reservations. The pool has 1 single-processor virtual machine and 1 dual- processor virtual machine. CPU Shares are set to 4000 and Memory Shares are set to 163840. The Production team members occasionally complain about the performance of their servers. Which two options could be part of the plan to resolve the issue while minimizing the amount of resources reserved by the pool? (Choose two.)

- A. Increase the amount of CPU resources for the Production virtual machines to the processor speed of the host
- B. Set the CPU Shares of Production to 40000
- C. Double the CPU reservation on the Production virtual machines and pool
- D. Set the Memory Shares of Production to 20480

Correct Answer: BC

QUESTION 6

An administrator takes a vSphere snapshot of a virtual machine and applies an OS update. After confirming the update the administrator cannot enable Fault Tolerance on the virtual machine and suspects there are snapshots that have not been consolidated. Which two operations can the administrator perform to verify consolidation is needed? (Choose two.)

- A. Expose the Needs Consolidation column in the virtual machines tab of the host.
- B. Browse the datastore containing the vmdk files and look for files with the "-delta.vmdk" extension.
- C. Expose the Needs Consolidation column in the virtual machine summary tab.
- D. Select and run the vSphere Cluster HealthCheck from the right-click menu of the cluster object.

Correct Answer: AB

QUESTION 7

Click the Exhibit button. ACME Catering Services is using esxtop to troubleshoot a performance problem with one of their ESXi 5.x hosts. Host disconnections from vCenter Server as well as sluggish performance when performing tasks on the host have been observed. Based on the output in the exhibit, how many vCPU's have been assigned to FileServer01?

```
3:58:20pm up 15:52, 300 worlds, 7 VMs, 14 vCPUs; CPU load average: 1.07, 1.10, 1.09
PCPU USED(%): 94 94 93 93 92 86 90 89 AVG: 91
PCPU UTIL(%): 93 93 93 93 93 87 89 89 AVG: 91
```

ID	GID	LWID	NAME	NWLD	%USED	%RUN	%SYS	%WAIT	%VMWAIT	%RDY	%IDLE	%OVRLP	%CSTP	%MLMTD	%SWPWT
30172	30172	40901	dsaojose-vm50	5	0.58	0.52	0.06	497.01	0.15	3.63	96.71	0.01	0.00	0.00	0.00
31109	31109	42222	Dev_App_01	5	60.98	60.30	0.04	395.71	0.00	44.19	0.00	0.08	0.00	0.00	0.00
31112	31112	42228	Dev_SQL_01	5	62.93	63.58	0.02	398.20	0.00	38.52	0.00	0.08	0.00	0.00	0.00
31115	31115	42234	Dev_Web_01	5	67.16	66.76	0.02	395.02	0.00	35.66	0.00	0.10	0.00	0.00	0.00
31275	31275	42457	FileServer01	12	470.63	471.52	0.05	608.00	210.90	113.49	0.00	1.00	9.28	0.00	0.74
31281	31281	42491	jonathanm-SQL20	5	1.83	1.79	0.05	495.49	0.00	3.86	95.39	0.01	0.00	0.00	0.00
31886	31886	43286	victim-001	5	60.60	60.34	0.01	393.30	0.00	46.82	0.00	0.08	0.00	0.00	0.00

- A. 1
- B. 2
- C. 4
- D. 8

Correct Answer: D

QUESTION 8

Which two VMware software components can be updated by Update Manager? (Choose two.)

- A. ESX 3.5
- B. Virtual Appliances
- C. vCenter Server
- D. Guest OS

Correct Answer: AB

QUESTION 9

An administrator finds that the Hardware Status tab is unavailable when an ESXi host is selected in vCenter Server. Which two steps could be taken to investigate the issue? (Choose two.)

- 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

Correct Answer: AC

QUESTION 10

The vSwitch or vSwitch port group policy setting that allows a virtual machine to listen to traffic other than that which is specifically destined for the given VM is:

- A. MAC Address Changes
- B. Promiscuous Mode
- C. Forged Transmits
- D. Traffic Shaping

Correct Answer: B

QUESTION 11

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

Correct Answer: BC

QUESTION 12

Which two events will result in a vSphere 5.x host running a virtual machine that contains an older virtual hardware version? (Choose two)

- A. a virtual machine is created on a vSphere 5.x host and virtual for the VM are created on a VMFS3 datastore.
- B. a virtual machine was migrated from a vSphere 4.x host.
- C. a virtual machine is created on a vSphere 5.x host with a with a vmxnet network adapter.

D. a virtual machine is created on a vSphere 5.x host and attached to an existing virtual disk created with vSphere 4.x

Correct Answer: BD