

TestKing.org - #1 in IT Testing & Certification Tools



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Exam : VMware VCP-310

Title : VMware Certified Professional on VI3

Version : Demo

Q: 1 Which is a valid traffic shaping adjustment?

- A. average bandwidth adjusted in Kbps
- B. average bandwidth adjusted in Mbps
- C. maximum bandwidth adjusted in Kbps
- D. maximum bandwidth adjusted in Mbps
- E. burst bandwidth adjusted in Kbps

Answer: A

Q: 2 Which two statements are true about virtual switches in ESX Server? (Choose two.)

- A. Virtual switches can be created with or without physical NICs.
- B. Virtual switches cannot be created without physical NICs.
- C. A VMotion port group must not be created on a virtual switch used for virtual machine traffic.
- D. A service console port group can be created on a virtual switch used for virtual machine traffic.

Answer: A, D

Q: 3 Which of the following are benefits of using resource pools? (Choose Three.)

- A. access control and delegation
- B. decreased virtualization overhead

- C. flexible hierarchical organization
- D. improved network utilization
- E. isolation between pools, sharing within pools

Answer: A, C, E

Q: 4 Which of the following resources can be managed using resource pools?

- A. Memory
- B. Network
- C. I/O
- D. Disk

Answer: A

Q: 5 In a fully automated DRS cluster, what can be done to ensure a particular VM does not migrate automatically to another host?

- A. set the DRS VM options for the particular VM to Partially Automated mode
- B. use the Affinity Wizard to specify Manual Automation mode
- C. do nothing because the DRS cluster must be put in Partially Automated mode to allow this level of control
- D. set the DRS VM rule to keep on this host

Answer: A

Q: 6 Which memory allocation technique allows physical memory to be reclaimed from virtual machine A and redistributed to virtual machine B, possibly forcing virtual machine A to swap internally?

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

Answer: D

**Q: 7 Virtual Center 2.X supports which two database products for production use?
(Choose Two.)**

- A. MySQL
- B. Oracle
- C. Microsoft SQL Server
- D. Microsoft MSDE

Answer: B, C

Q: 8 Which is a valid reason NOT to set CPU affinity on a single VM?

- A. Setting CPU affinity will monopolize a CPU making it unusable for other VMs on the server.
- B. CPU affinity can only be set on hyperthreaded systems.
- C. A virtual machine with CPU affinity might not receive all of its reserved CPU resources.
- D. CPU affinity settings are ignored when using VMotion.

Answer: C

Q: 9 It appears that a virtual machine (VM) is having performance problems because it does not have enough CPU resources available.

Which of the following methods could be used to guarantee a VM gets 100% of a CPU on the host when it needs it? (Choose Two.)

- A. set the CPU limit for this VM to 100%
- B. set CPU affinity on that virtual machine, pinning it to a CPU 1
- C. set the CPU reservation for this VM to 100%
- D. set CPU affinity on that VM, pinning it to CPU 1 and set CPU affinity on all other VMs so that they specifically cannot use CPU 1

Answer: C, D

Q: 10 What are valid methods of installing the Virtual Infrastructure Client? (Choose Two.)

- A. run the Virtual Infrastructure Client installer from the VirtualCenter installation media
- B. using VirtualCenter Server installer, choose the custom install option and select the Virtual Infrastructure Client from the list
- C. download and run the Virtual Infrastructure Client installation program from the VirtualCenter Server with a Web Browser
- D. use the MSI installer file from the VirtualCenter installation media to publish the application with Active Directory

Answer: A, C

Q: 11 What is the advantage of installing backup client software in a Linux virtual machine's guest OS?

- A. This configuration enables individual files to be selected for backup or restore.
- B. This configuration enables ESX Server to do backup and restore operations.
- C. This configuration enables LAN-free backup.
- D. This configuration enables immediate booting from a restored virtual machine.

Answer: A

Q: 12 VirtualCenter Server is running within a virtual machine (VM) that is part of a VMware HA and DRS cluster. The VirtualCenter VM can migrate between all hosts in the cluster by using VMotion. DRS is configured for partial automation. What happens if the ESX host that is currently running the VirtualCenter VM experiences a power outage?

- A. All DRS cluster operations will be unavailable until the ESX host is brought back online.
- B. VMware HA will restart the VirtualCenter VM on another host.
- C. This situation cannot occur because VirtualCenter cannot be installed on a VMware HA cluster.
- D. VirtualCenter will stay offline, but all virtual machines on the remaining hosts will continue without interruption.

Answer: B

Q: 13 In a resource-constrained environment, which ESX Server memory conservation technique has the LEAST negative effect on the performance of a running virtual machine?

- A. vmmemctl
- B. using the .vswp file
- C. Transparent Page Sharing

D. lowering the Reservation variable

Answer: C

Q: 14 Which pre-defined role can assign permissions to users?

- A. Virtual Machine User
- B. Administrator
- C. Virtual Machine Administrator
- D. Datacenter Administrator

Answer: B

Q: 15 What is the meaning of a red DRS cluster?

- A. Yellow clusters will become red after 15 minutes if DRS is unable to dynamically balance the load.
- B. Red clusters indicate virtual machines are using more resources than the fixed reservation allows.
- C. At least one host in the cluster is attempting to go into Maintenance mode.
- D. Red clusters are the highest priority and will receive resource allocations first.

Answer: B

Q: 16 A physical Network device associated with a vSwitch is overloaded: Which of the following actions can be taken to reduce the overload? (Choose Three.)

- A. move virtual machines from the affected vSwitch to other available vSwitches

- B. configure additional VLAN port groups on the same vSwitch
- C. add the VMkernel TCP/IP networking stack
- D. configure traffic shaping
- E. add an additional vmnic to the affected vSwitch

Answer: A, D, E

Q: 17 Which statement is true about the database used for VirtualCenter evaluations?

- A. The optional MSDE database can only be used if installed prior to running the VirtualCenter installer.
- B. MS Access may be used as an evaluation database, but it must be upgraded before VirtualCenter is used in a production environment.
- C. The VirtualCenter installer provides the option to automatically install and configure an MSDE database.
- D. Evaluation licenses do not allow VirtualCenter to connect to a remote database.

Answer: C

Q: 18 Click the Exhibit button.

Assuming this is the only virtual machine, and the only resource pool, what is the maximum amount of memory that could be assigned to the virtual machine that is part of the Finance Resource Pool?

Finance

Summary Virtual Machines Resource Allocation Performance Tasks & Events Alarms Permissions Maps

General		Resources	
Number of Virtual Machines:	1	CPU usage:	20 MHz
Number of Running Virtual Machines:	0	Memory usage:	57 MB
Number of Child Resource Pools:	0		

CPU		Memory	
Shares:	Normal (4000)	Shares:	Normal (163840)
Reservation:	0 MHz	Reservation:	0 MB
Type:	Expandable	Type:	Expandable
Limit:	Unlimited	Limit:	Unlimited
Unreserved:	9496 MHz	Unreserved:	3009 MB

Commands

- New Virtual Machine
- New Resource Pool
- Edit Settings

- A. 163840 MB
- B. 3009 MB
- C. 160831 MB
- D. 57 MB

Answer: A

Q: 19 What are the three possible storage multi-pathing policies that you can set in ESX Server 3.5? (Choose Three.)

- A. Fixed
- B. Persistent Binding
- C. Open Shortest Path First (OSPF)
- D. Most Recently Used (MRU)
- E. Round Robin

Answer: A, D, E

Q: 20 What is the maximum number extents of a VMFS3 volume?

- A. 128
- B. 32
- C. 64
- D. 256

Answer: B

Q: 21 A VirtualCenter Administrator assigned you Administrator privileges on an ESX Server Cluster. You are unable to connect the Virtual Infrastructure Client to the ESX Server directly. What is a possible cause of this problem?

- A. User names and permissions are not propagated from VirtualCenter to ESX Servers.
- B. You need Administrator privileges on the server and all of its resource pools.
- C. You still have a Virtual Infrastructure Client connected to the VirtualCenter server.
- D. Administrators are not allowed to log in to ESX Servers.

Answer: A

Q: 22 Which of these factors indicates a high likelihood that a virtual machine's performance is being constrained by disk I/O?

- A. A large number of disk shares
- B. A long SCSI queue length
- C. A large number of kilobytes read and written
- D. A large number of virtual disks on its SCSI bus

Answer: B

Q: 23 A company wants to install Application Y in a virtualized environment. The underlying operating system has to be Windows NT 4.0 SP6a. In a physical environment, the application and supporting software have very strict minimum hardware requirements. Which two requirements prohibit the use of an application inside a virtual machine? (Choose Two.)

- A. 3 NICs
- B. 8 separate disks
- C. 4 GB RAM
- D. 2 CPUs

Answer: C, D

Q: 24 Which three tasks can a Resource Pool Administrator perform? (Choose three.)

- A. create a new virtual machine in the resource pool
- B. change the resource pool resource limits
- C. create a new template from a virtual machine
- D. modify assigned licenses
- E. add a port group to a virtual switch

Answer: A, B, C

Q: 25 What is true about the installation of Virtual Infrastructure (VI) Web Access?

- A. It is always installed on ESX Server and VirtualCenter.
- B. It is optional on both ESX Server and VirtualCenter.
- C. It is always installed on ESX Server and optional on VirtualCenter.
- D. It is always installed on VirtualCenter and optional on ESX Server.

Answer: C

Q: 26 Which of the following can be configured or modified from the Resource Allocation tab of a DRS Cluster? (Choose Two.)

- A. Memory reservation for child resource pools
- B. CPU reservation for any virtual machine in the cluster
- C. Fixed or Expandable Reservation Type for any virtual machine in the cluster
- D. CPU reservation for child resource pools

Answer: B, C

Q: 27 What is the default port used by iSCSI on VMware Infrastructure?

- A. 443
- B. 2049
- C. 3260
- D. 902

Answer: C

Q: 28 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

Q: 29 Which is a valid traffic shaping adjustment?

- A. average bandwidth adjusted in kbps
- B. maximum bandwidth adjusted in mbps
- C. maximum bandwidth adjusted in kbps
- D. average bandwidth adjusted in mbps

Answer: A

Q: 30 Which two conditions can cause a combined VMware DRS/HA cluster to change to a red status? (Choose Two.)

- A. The current failover capacity is smaller than the configured capacity.
- B. DRS is in the process of balancing resources among hosts in the cluster when an HA event occurs.
- C. All the primary hosts in the cluster are not responding.
- D. A DRS-only host has been added to an HA cluster.

Answer: A, C



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