

2V0-621D - VMware Certified Professional 6 – Data Center Virtualization Delta Beta

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1. An administrator is unable to upgrade a vCenter Server Appliance from version 5.1 Update 2 to version 6.0.

What is a likely reason for this?

- A. vCenter Server Appliance 6.0 does not support upgrades from version 5.1 Update 2.
- B. vCenter Server Appliance must be joined to an Active Directory domain before upgrading to version 6.0.
- C. vCenter Server Appliance 5.1 Update 2 uses an incompatible database for upgrading to version 6.0.
- D. vCenter Server Appliance 6.0 must be upgraded using the vSphere Web Client.

Answer: A

2. Which two are valid compliance results that indicate the need to apply a Host Profile? (Choose two.)

- A. Non-compliant
- B. Inconsistent
- C. Unknown
- D. Disconnected

Answer: A,C

3. Which two scenarios could cause Storage DRS to be disabled on a Virtual Disk (VMDK)? (Choose two.)

- A. The VMDK is an independent disk.
- B. The virtual machine has vSphere Fault Tolerance enabled.
- C. The VMDK is hosted on NFS storage.
- D. The virtual machine has a CD-ROM/ISO image connected.

Answer: A,B

4. Which two capabilities does the vSphere Replication Client Plug-in provide? (Choose two.)

- A. Configure connections between vSphere Replication Sites.
- B. Deploy and register additional vSphere Replication Servers.
- C. Reconfigure the vSphere Replication Server.
- D. Configure an external database for a vSphere Replication Site.

Answer: A,B

5. An administrator is concerned about possible vCPU over-commitment for an ESXi 6.x host.

Which two Performance Counters should be reviewed in the vSphere Web Client Performance Charts to confirm if there is contention on the host? (Choose two.)

- A. Wait
- B. Ready
- C. Core Utilization
- D. Co-Stop

Answer: B,D

6. An administrator is troubleshooting a virtual machine that has unexpectedly powered off. Which two logs should be used to troubleshoot the issue? (Choose two.)

- A. vmware.log
- B. hostd.log
- C. syslog.log
- D. shell.log

Answer: A,B

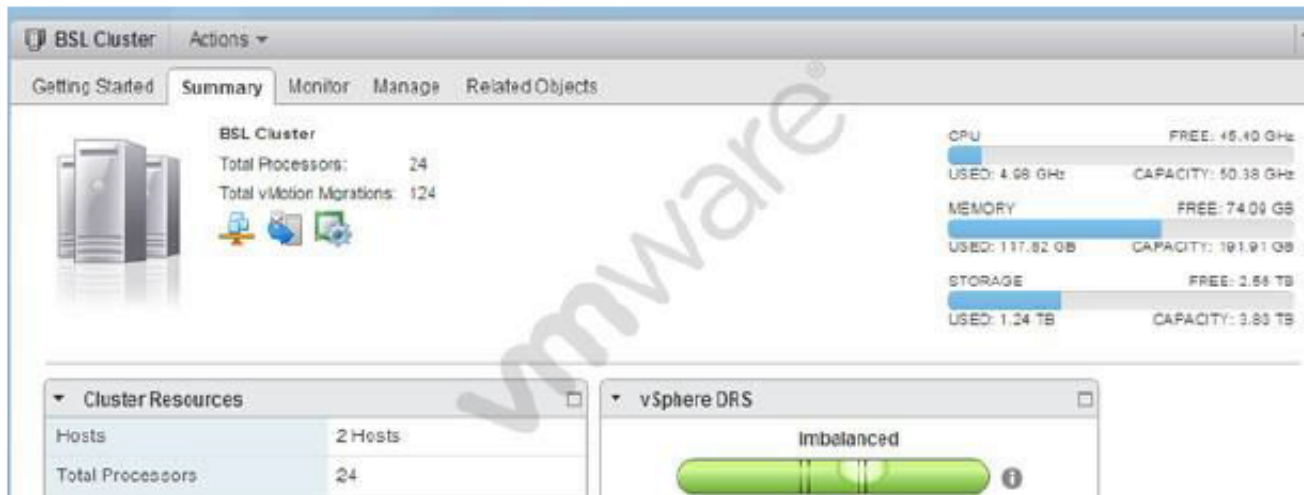
7. An administrator is performing a silent automatic update of VMware Tools on a Windows virtual machine.

What syntax needs to be entered into the Advanced Options box?

- A. /s /v "/qn" /l "c:\\Windows\\filename.log"
- B. --prefix=/usr/local,/usr/lib,/usr/doc --silent
- C. --prefix=c:\\Windows,c:\\VMtools --silent
- D. /fs /v "/qn+" /l "c:\\Windows\\filename.log"

Answer: A

8. Refer to the Exhibit.



An administrator is reviewing a vSphere Distributed Resource Scheduler (DRS) enabled Cluster and observes unexpected behavior as shown in the Exhibit.

What are three potential causes of the cluster imbalance? (Choose three.)

- A. A local device is mounted to one or more virtual machines.
- B. DRS rules prevent virtual machines from being moved.
- C. vMotion is not configured and enabled.
- D. There are insufficient cluster resources to perform the migration.
- E. DRS has been configured for a conservative migration threshold.

Answer: A,B,C

9. Refer to the Exhibit.

Device Details	
Properties Paths	
Owner	NMP
Partition Details	
Partition Format	GPT
▶ Primary Partitions	1
▶ Logical Partitions	0
Multipathing Policies	
▶ Path Selection Policy	Fixed (VMware)
Storage Array Type Policy	VMW_SATP_EQL

An administrator wishes to provide Load Balanced I/O for the device shown in the Exhibit. To meet this requirement, which setting should be changed?

- A. Storage Array Type Policy = VMW_NMP_RR
- B. Path Selection Policy = Round Robin (VMware)
- C. Storage Array Type Policy = VMW_SATP_RR
- D. Path Selection Policy = MRU (VMware)

Answer: B

10. When a Content Library is deleted, what happens to the files contained on the backing storage?

- A. The files will be unchanged.
- B. The files will be deleted.
- C. The files will remain and be marked as orphaned.
- D. The containing folder will be marked as orphaned.

Answer: B

11. Refer to the Exhibit.

Issues Performance **Health** Resource Allocation Storage Reports Tasks Events Update Manager



Workload

1045 Workload
Indicates how hard the object is working

Faults

Health Trend

Anomalies

An administrator reviews the Health of a virtual machine, as shown in the Exhibit.

Based on the exhibit, which three metrics can be used to determine the virtual machine's Workload characteristics? (Choose three.)

- A. CPU
- B. Memory
- C. Network IO
- D. Threads
- E. vNUMA Stats

Answer: A,B,C

12. A virtual machine is exhibiting these symptoms:

? Memory usage is constantly high (94% or greater) or constantly low (24% or less).

? Free memory is consistently 6% or less and swapping frequently occurs

Which three solutions could correct this problem? (Choose three.)

- A. Verify that VMware Tools is installed on each virtual machine.
- B. Decrease the memory reservation setting, if higher than active memory.
- C. Add physical memory to the host.
- D. Disable the balloon driver in each virtual machine.
- E. Create a memory limit for each virtual machine.

Answer: A,B,C

13. What three supported methods can be used to upgrade a host from ESXi 5.x to ESXi 6.x? (Choose three.)

- A. vSphere Update Manager
- B. vihostupdate
- C. esxcli
- D. vSphere Auto Deploy
- E. esxupdate

Answer: A,C,D

14. An administrator notices that one virtual machine is in an orphaned state.

What are two reasons that a virtual machine can appear as orphaned? (Choose two.)

- A. A VMware High Availability host failure has occurred.
- B. The virtual machine was unregistered directly on the host.
- C. The ESXi host is disconnected.
- D. The user does not have privilege to access the virtual machine.

Answer: A,B

15. An administrator plans to use VMware Converter Standalone to convert a virtual machine to a vSphere environment. The source virtual machine has these properties:

? Running Windows 2008 R2

? Contains one NTFS formatted volume

During conversion, how many virtual disks can the administrator add to the destination virtual machine?

- A. 0
- B. 1
- C. 2
- D. 3

Answer: A

16. An administrator has created a resource pool named Marketing HTTP with a Memory Limit of 24 GB and a CPU Limit of 10,000 MHz.

The Marketing HTTP resource pool contains three virtual machines:

? Mktg-SQL has a memory reservation of 16 GB.

? Mktg-App has a memory reservation of 6 GB.

? Mktg-Web has a memory reservation of 4 GB.

What would happen if all three virtual machines are powered on?

A. All three virtual machines can power on, but will have memory contention.

B. All three virtual machines can power on without memory contention.

C. Only two of the three virtual machines can power on.

D. Only one of the virtual machines can power on.

Answer: C

17. Which log file would you examine to identify an issue which occurred during the pre- upgrade phase of a vCenter Server upgrade process?

A. vcdb_req.out

B. vcdb_export.out

C. vcdb_import.out

D. vcdb_inplace.out

Answer: A

18. Which two vCenter Server services are migrated automatically as part of an upgrade from a Distributed vCenter Server running 5.x? (Choose two.)

A. vCenter Single Sign-on Service

B. vSphere Web Client

C. vSphere Inventory Service

D. Storage Policy Based Management

Answer: B,C

19. VMware vSphere Replication protects virtual machines from partial or complete site failures by replicating the virtual machines between which three sites? (Choose three.)

- A. From a source site to a target site.
- B. From within a single site from one cluster to another.
- C. From multiple source sites to a shared remote target site.
- D. From a single source site to multiple remote target sites.
- E. From multiple source sites to multiple remote target sites.

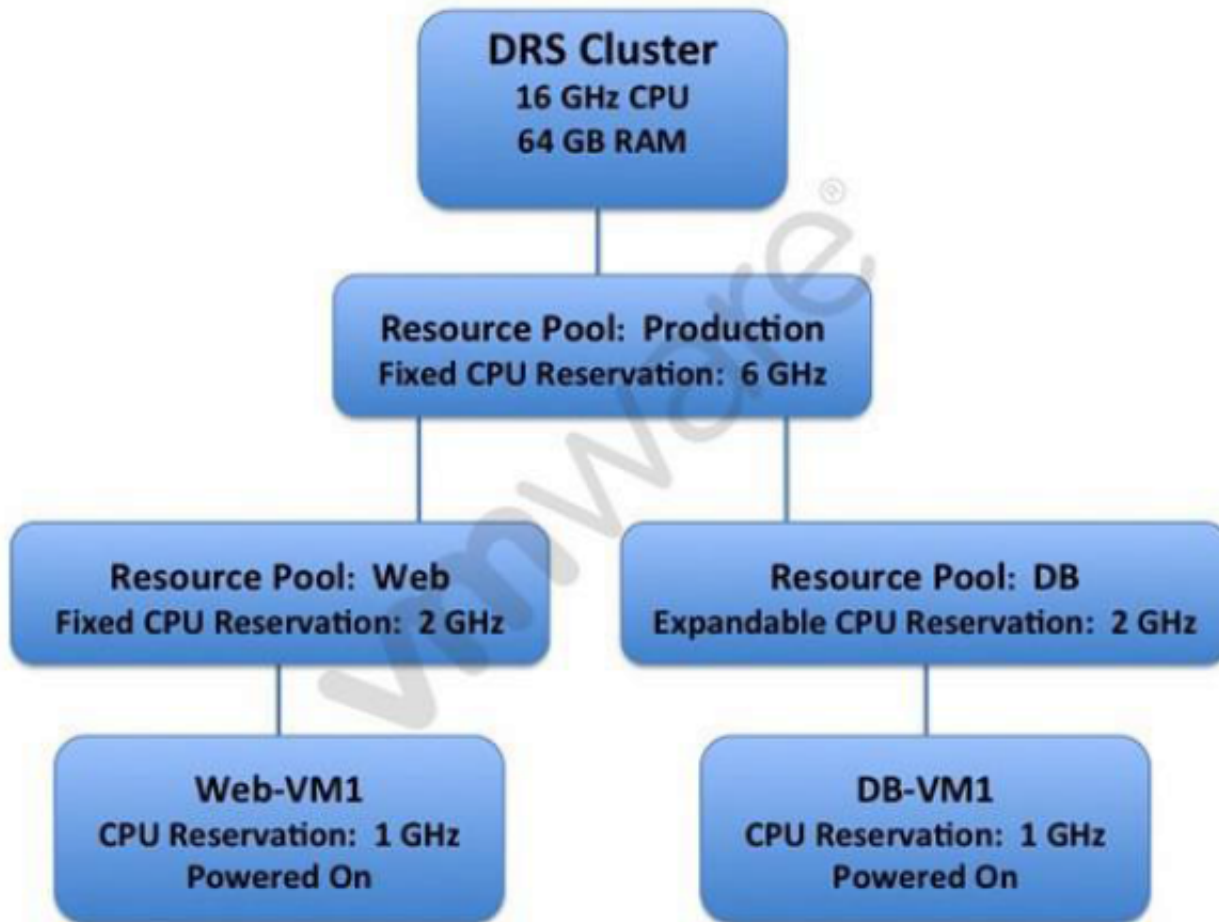
Answer: A,B,C

20. Which two statements are true regarding iSCSI adapters? (Choose two.)

- A. Software iSCSI adapters require vmkernel networking.
- B. Independent Hardware iSCSI adapters offload processing from the ESXi host.
- C. Dependent Hardware iSCSI adapters do not require vmkernel networking.
- D. Independent Hardware iSCSI adapters require vmkernel networking.

Answer: A,B

21. Refer to the Exhibit.



A vSphere 6.x DRS cluster is configured as shown in the Exhibit. Based on the exhibit, which statement is true?

- A. A virtual machine can be powered on in the Web Resource Pool with a 3 GHz CPU Reservation.
- B. A virtual machine can be powered on in the Web Resource Pool with a 4 GHz CPU Reservation.
- A. C. A virtual machine can be powered on in the DB Resource Pool with a 3 GHz CPU Reservation.
- D. A virtual machine can be powered on in the DB Resource Pool with a 4 GHz CPU Reservation.

Answer: C

22. Which two groups of settings should be reviewed when attempting to increase the security of virtual machines (VMs)? (Choose two.)

- A. Disable hardware devices
- B. Disable unexposed features
- C. Disable VMtools devices
- D. Disable VM Template features

Answer: A,B

23. What are two ways to view the DNS settings for an ESXi 6.x host? (Choose two.)

- A. Use the vicfg-dns command from the vSphere Management Appliance.
- B. View the /etc/resolv.conf file on the ESXi host.
- C. Use vicfg-dns command on the ESXi host.
- D. View the /etc/dns.conf file on the ESXi host.

Answer: A,B

24. Strict Lockdown Mode has been enabled on an ESXi host.

Which action should an administrator perform to allow ESXi Shell or SSH access for users with administrator privileges?

- A. Grant the users the administrator role and enable the service.
- B. Add the users to Exception Users and enable the service.
- C. No action can be taken, Strict Lockdown Mode prevents direct access.
- D. Add the users to vsphere.local and enable the service.

Answer: B

25. An administrator is deploying ESXi 6.x hosts using Auto Deploy and wants the image profile to be available, even after closing and opening a new PowerCLI window.

Which command can be used to ensure that image profiles are preserved across PowerCLI sessions?

- A. Set-EsxImageProfile
- B. Export-EsxImageProfile
- C. Save-EsxImageProfile
- D. Preserve-EsxImageProfile

Answer: B

26. To reduce the attack vectors for a virtual machine, which two settings should an administrator set to false? (Choose two.)

- A. ideX:Y.present

- B. serial.present
- C. ideX:Y.enabled
- D. serial.enabled

Answer: A,B

27. An administrator needs to migrate a legacy physical application server to a virtual machine

within a vSphere 6 cluster. As part of the conversion, the administrator must reduce the size of the virtual disks.

What action should the administrator take to create a virtual machine with smaller virtual disks than the original physical server?

- A. Shut down the physical server and use VMware Converter cold cloning with volume- based cloning at the disk level.
- B. Use VMware Converter hot cloning with volume-based cloning at the block level.
- C. Shut down the physical server and use VMware Converter cold cloning with volume- based cloning at the file level.
- D. Use VMware Converter hot cloning with volume-based cloning at the file level.

Answer: D

28. Which three are requirements for configuring Storage I/O Control (SIOC)? (Choose three.)

- A. The datastore must consist of only one extent.
- B. The datastore is managed by a single vCenter Server.
- C. Auto-tiered storage must be compatible with SIOC.
- D. Auto-tiered storage must be SSD or SATA.
- E. The datastore must be VMFS.

Answer: A,B,C

29. What are three recommended prerequisites before upgrading virtual machine hardware? (Choose three.)

- A. Create a backup or snapshot of the virtual machine.
- B. Upgrade VMware Tools to the latest version.
- C. Verify that the virtual machine is stored on VMFS3, VMFS5, or NFS datastores.

D. Detach all CD-ROM/ISO images from the virtual machines.

E. Set the Advanced Parameter virtualHW.version = 11

Answer: A,B,C

30. An administrator is troubleshooting a performance problem with a virtual machine (VM). The VM and ESXi host configuration is as follows:

? The application which runs within the virtual machine is highly sensitive to memory latency, but has low processor utilization.

? The virtual machine has 6 vCPUs.

? The ESXi host CPU topology has 2 Physical CPU Sockets, each with 8 Logical CPUs.

? The ESXi host CPU has Hyper Threading enabled.

The administrator would like to improve CPU performance for this VM. Other VMs on the host have no performance issues. Which action should the administrator take to resolve the issue?

A. Set the Advanced Parameter numa.vcpu.preferHT = TRUE in the virtual machine configuration file.

B. Set the Advanced Parameter numa.vcpu.preferHT = FALSE in the virtual machine configuration file.

C. Set the Advanced Parameter numa.PreferHT = 1 in the ESXi host configuration file.

D. Set the Advanced Parameter numa.PreferHT = 0 in the ESXi host configuration file.

Answer: A

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