# VCP550<sup>Q&As</sup>

VMware Certified Professional - Data Center Virtualization

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#### **QUESTION 1**

Which tool should an administrator use to modi	fy vSphere Data Protection (	(VDP) backup jobs?
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- A. vSphere Web Client
- B. vSphere Client using the VDP plugin
- C. VAMI on the VDP Appliance
- D. vSphere Management Appliance

Correct Answer: A

#### **QUESTION 2**

An administrator is using vSphere Replication to replicate a number of virtual machines to a recovery site. The administrator plans on enabling Storage DRS on the production site, which is running vSphere 5.5. What changes must be made in order to support this configuration?

- A. Storage DRS can be added to the existing configuration without any configuration changes
- B. Disable Storage DRS on the virtual machines utilizing vSphere Replication
- C. Change the Recovery Point Objective for the replicated virtual machines to support the additional synchronization time
- D. Storage DRS cannot be used in conjunction with vSphere Replication

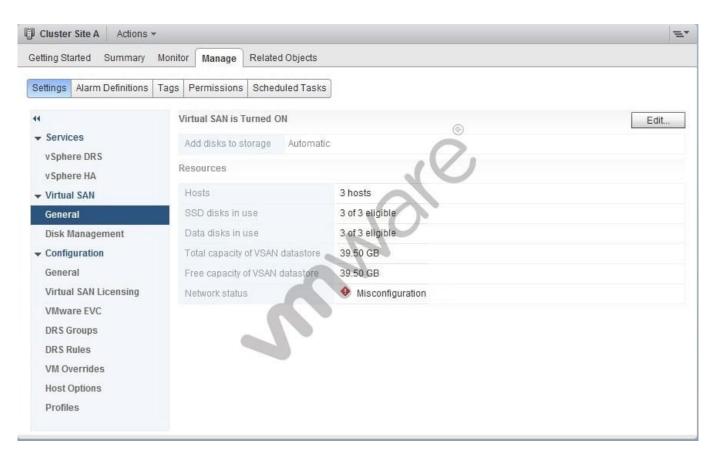
Correct Answer: A

#### **QUESTION 3**

A vSphere administrator observes a problem with the Virtual SAN Cluster Setting as shown: -- Exhibit -

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- -- Exhibit -Which action should the administrator take on the vmkernel portgroup on all hosts used by Virtual SAN cluster to resolve this problem?
- A. Select the Virtual SAN traffic option
- B. Increase the MTU value
- C. Change the DNS server address
- D. Increase the Port Speed

Correct Answer: A

#### **QUESTION 4**

An error occurs while building a new virtual machine with a thin provisioned virtual disk size of 20GB. The datastore has 35GB of free space. The datastore is overcommitted by 95GB. What is preventing the virtual machine from being built?

- A. The datastore is built on a thin provisioned LUN that has run out of storage array free space.
- B. The datastore has reached the maximum overcommitment threshold.
- C. The virtual disk used by the virtual machine cannot be thin provisioned on this datastore.
- D. The virtual disk used by the virtual machine requires more free space than is available in the datastore.

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#### **QUESTION 5**

The vSphere administrator needs to check the system health of an ESXi 5.x host using the vSphere Web Client. Which option in the Monitor tab should the administrator use for the selected host?

- A. Performance
- B. Hardware Reports
- C. Storage Status
- D. Issue Log

Correct Answer: A

#### **QUESTION 6**

An administrator needs to prevent two virtual machines from running on the same host at any time. Which DRS rule should the administrator apply?

- A. vm-to-vm affinity
- B. vm-to-host affinity
- C. vm-to-vm anti-affinity
- D. vm-to-host anti-affinity

Correct Answer: C

#### **QUESTION 7**

An administrator needs to join several ESXi hosts in the environment to the corporate Active Directory instance. The container and path for the OU is Servers\VMware. The FQDN of the local Active Directory is CORP.AD. Which option accurately shows the information an administrator would enter when configuring an ESXi host to join the domain and ensures the host is placed in the appropriate OU?

- A. Idap://CORP.AD:389/Servers/VMware
- B. CORP.AD/Servers/VMware
- C. cn=VMware, ou=Servers, dc=CORP, dc=AD



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D. ou=VMware, ou=Servers, dc=CORP, dc=AD

Correct Answer: B

#### **QUESTION 8**

An administrator has configured multi-pathing using an Fiber Channel array in an active-active configuration.

What is the expected behavior of an ESXi host when a failed preferred path becomes available using the Fixed path selection policy for this array type?

- A. It automatically reverts to the preferred path.
- B. It continues using the current path until it is manually reverted.
- C. It resumes load balancing across all available paths.
- D. It reverts to the preferred path after the host has been restored and rebooted.

Correct Answer: A

#### **QUESTION 9**

Which statement is true about the hardware configuration for ESXi hosts participating in a virtual SAN?

- A. The hosts must have identical hardware.
- B. Each host must have at least one Solid State Drive (SSD).
- C. The hosts must have network attached storage.
- D. Each host must have a RAID Controller.

Correct Answer: B

#### **QUESTION 10**

A vSphere administrator needs to reconfigure the Distributed Power Management (DPM) threshold to be more aggressive. Where should the administrator edit the settings of DPM in the vSphere Web Client?

- A. DPM plug-in settings
- B. Cluster settings
- C. ESXi host power settings

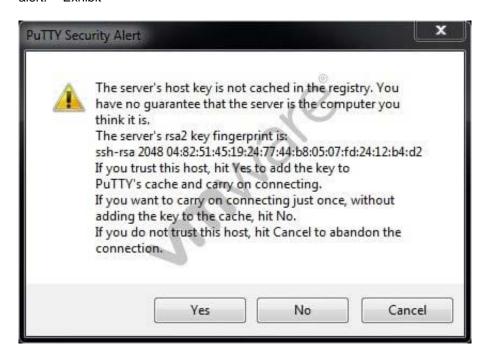


D. vCenter Service Status

Correct Answer: B

#### **QUESTION 11**

The vSphere administrator attempts to connect to an ESXi host via an SSH client and receives the following security alert: -- Exhibit -



-- Exhibit -The vSphere administrator needs to determine whether the RSA key fingerprint shown in the security alert is the fingerprint of the intended ESXi host.

Which tool should the vSphere administrator use?

- A. Direct Console User Interface
- B. vSphere Client
- C. vSphere Web Client
- D. vSphere Management Assistant

Correct Answer: A

#### **QUESTION 12**

A VMFS5 datastore shows several errors, which suggests file system corruption. Which tool could a vSphere

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	administrator	use to	check the	<b>VMFS</b>	file system?
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- A. vSphere On-disk Metadata Analyzer (VOMA)
- B. VMware Infrastructure Management Assistant (VIMA)
- C. vSphere Storage APIs for Storage Awareness (VASA)
- D. VMware vSphere Health Check Analyzer (VHCA)

Correct Answer: A

#### **QUESTION 13**

Immediately after installing an ESXi host, an administrator needs to examine the following log files:

var/log/hostd.log

var/log/vmkernel.log

var/log/vpxa.log

Which two connections would allow an administrator to examine these files? (Choose two.)

A.

Connecting to the Direct Console User Interface

B.

Attaching a vSphere Client directly to the ESXi host

C.

Attaching the vSphere Web Client directly to the ESXi host

D.

Attaching the vSphere Client to the vCenter Server managing the ESXi host

Correct Answer: AB

#### **QUESTION 14**

A vSphere administrator has created a Virtual SAN Cluster with Automatic Mode Disk Groups. The cluster includes three ESXi hosts contributing one SSD and six SAS disks each. The administrator has four new ESXi hosts that boot from a fiber channel array and have no local disks attached. These four new hosts need additional shared storage but there is insufficient space on the fiber channel array. The hardware budget is limited.

What can the administrator do to provide the needed storage for the lowest cost?



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- A. Add the four new hosts to the Virtual SAN Cluster and use the existing storage in the cluster.
- B. Add an SAS RAID controller to each of the new hosts. Attach one SSD and six SAS disks to each RAID controller and then add the four hosts to the Virtual SAN cluster.
- C. Add the four new hosts to the Virtual SAN Cluster and contribute the fiber channel disks to the Virtual SAN.
- D. Add the four new hosts to the Virtual SAN Cluster and change to Manual Mode Disk Groups.

Correct Answer: A

#### **QUESTION 15**

What two IT infrastructure components are virtualized by vSphere Essentials? (Choose two.)

- A. Networks
- B. Applications
- C. Storage
- D. Management

Correct Answer: AC

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