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**QUESTION 1**

A large medical institution needs to centralize malware and anti-virus scanning in its environment. Which vSphere component will satisfy this requirement?

- A. vShield Endpoint
- B. vCloud Network and Security
- C. vSphere Data Protection Advanced
- D. vCenter Operations Manager

Correct Answer: A

QUESTION 2

An administrator is considering using NPIV to assign WWNs to virtual machines. Virtual machine portability is a major concern. Why would NPIV be inappropriate for this deployment?

- A. Virtual machines using NPIV must use DirectPath I/O.
- B. Storage vMotion is not supported using NPIV.
- C. vMotion is not supported using NPIV.
- D. Enabling NPIV requires SR-IOV supported hardware.

Correct Answer: B

QUESTION 3

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?

- 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 4

-- Exhibit -



-- Exhibit -The vCenter Operations Manager dashboard shows Health issues associated with the selected virtual machine. There have been no availability or configuration issues associated with the virtual machine, and the workload badge is still green.

What is the most likely reason for this health score?

- A. The workload for the virtual machine is higher than normal, which is generating a large number of anomalies within vCenter Operations Manager.
- B. A high stress and a pattern of constrained resources has been attributed to the virtual machine in vCenter Operations Manager.
- C. A recent migration to another host in the cluster has violated HA admission control policy.
- D. vCenter Operations Manager has determined that the time remaining for the virtual machine's assigned CPU resources is very low.

Correct Answer: A

**QUESTION 5**

An application team is implementing a new solution in the virtualized environment. The application vendor states the application is memory intensive. The application is very unstable when operating without adequate on-demand access to physical memory. The application's virtual machines are assigned to the Mission Critical resource pool.

Which resource pool setting will help ensure the application has adequate access to memory?

- A. Memory reservation
- B. High memory share value
- C. Unlimited memory
- D. Expandable reservation

Correct Answer: A

QUESTION 6

Which two precautions should a vSphere administrator take before increasing the size of a VMFS datastore? (Choose two.)

- A. Unmount the datastore
- B. Perform a rescan to ensure that all hosts see the most current storage
- C. Quiesce I/O on all disks involved
- D. Shut down all virtual machines stored in the datastore

Correct Answer: BC

QUESTION 7

Before upgrading from vCenter 4.x to 5.x, an administrator runs the vCenter Host Agent Pre-Upgrade Checker. The Checker reports an issue. What would cause the vCenter Host Agent Pre-Upgrade Checker to report an issue?

- A. The .NET framework 3.5 is installed.
- B. The host network card is only 1 Gbps.
- C. The file system is not intact.
- D. The VMFS file system is version 4.0.

Correct Answer: C

**QUESTION 8**

An administrator is migrating 135 virtual machines from a vSphere Standard Switch to a vSphere Distributed switch. The migration reports an error and only some of the virtual machines are transferred. What is causing the error to occur?

- A. The vSphere Distributed Switch was created with a single, default port group.
- B. The switch has become disconnected from an ESXi host.
- C. The port group on the vSphere Distributed Switch was not configured with an Elastic port binding.
- D. The virtual machine that failed to transfer did not have a network adapter.

Correct Answer: A

QUESTION 9

The load is high on a HA/DRS cluster. DPM is enabled. A vSphere administrator determines that hosts are NOT powering on automatically to support the load. Which configuration would result in this condition?

- A. VM-to-VM or VM-to-Host DRS rules have been configured that restrict where some VMs can be moved.
- B. DPM has been set to the most Conservative threshold.
- C. Some of the virtual machines have been removed from HA consideration by the vSphere administrator.
- D. DRS is set to Manual Automation.

Correct Answer: D

QUESTION 10

An administrator is creating a new VMFS volume and needs to make it available to all hosts within a datacenter using the Web Client. What should the administrator scan for in order to meet this requirement?

- A. New Storage Devices and LUNs
- B. New Storage Devices and VMFS Volumes
- C. New VMFS Volumes and Datastores
- D. New VMFS Volumes and LUNs

Correct Answer: B

**QUESTION 11**

During a physical network reconfiguration, an ESXi host briefly lost connection to the management network. High Availability (HA) began powering off the virtual machines residing on the affected host to be restarted on an unaffected host in the cluster.

Which setting should the administrator configure to prevent this behavior in the future?

- A. Host isolation response
- B. Host monitoring
- C. VM monitoring
- D. Admission control

Correct Answer: A

QUESTION 12

An ESXi 5.x host disconnects within 60 seconds after the administrator adds it to the vCenter Server inventory. The administrator determines that the issue could be related to a networking problem. Which networking port should the administrator check for connectivity from the host to vCenter Server?

- A. 902
- B. 903
- C. 443
- D. 9443

Correct Answer: A

QUESTION 13

What will cause the validation of a vMotion migration to fail?

- A. A virtual machine configured for CPU affinity
- B. A virtual machine configured with a local .vswp file
- C. A virtual machine configured to use NUMA
- D. A virtual machine configured with a shared Raw-Device Mapped disk



Correct Answer: A

QUESTION 14

An administrator needs to install vSphere Update Manager using an external SQL Server 2008 R2 database. The administrator has created the database successfully, but cannot establish connectivity when testing the DSN. Which configuration setting could be causing the issue?

- A. The database was configured to use Windows authentication.
- B. The DSN was configured using a 32-bit ODBC connection.
- C. Update Manager does not support the use of a remote database.
- D. Port 9087 is being blocked by Windows Firewall on the Update Manager server.

Correct Answer: A

QUESTION 15

A vSphere administrator needs to add more space to an existing 3-node Virtual SAN cluster. The attempts to add the new host to the cluster as a contributing member have failed. However, it can be added as a non-contributing member.

The host was previously used in a single host configuration. The administrator recently upgraded the host from ESXi 5.1 to 5.5 prior to adding it to the cluster.

What is the reason for this failure?

- A. The only SSD disk in the new host was formatted with a VMFS datastore.
- B. The new host has a 10Gbps NIC while the rest of the cluster members have 1Gbps NICs.
- C. The RAID controller in the new host does not have enough cache for the Virtual SAN datastore.
- D. The new host's VMFS datastores do not have sufficient capacity to be added as a contributing member.

Correct Answer: A

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