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QUESTION 1

An administrator is creating a new Content Library. It will subscribe to another remote Content Library without authentication enabled. Optimal performance is desired for the configuration.

What two steps should be taken to set up the library? (Choose two.)

- A. The library should be published externally.
- B. The Subscription URL should be provided.
- C. A datastore should be used for this library.
- D. A file system should be used for this library.

Correct Answer: BC

In order to create a content library for optimal performance, you should first provide subscription URL for the library to connect with the remote one. You need a datastore for the library too.

QUESTION 2

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

1.

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

2.

The virtual machine has 6 vCPUs.

3.

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

4.

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.



Correct Answer: A

On systems with hyper-threading enabled, a wide-VM that makes use of full processor cores across NUMA nodes but has less vCPUs configured than the number of logical processors (hardware threads) in each physical NUMA node might benefit from using logical processors with local memory rather than using full cores with remote memory. This can be configured by setting the `numa.vcpu.preferHT` option to `TRUE` in the specific VM's advanced configuration.

Reference:

https://books.google.co.in/books?id=GnVvAwAAQBAJandpg=PA78andlpg=PA78anddq=Advanced+Parameter+numa.vcpu.preferHTandsource=blandots=o9dp9BqWjandsig=XT1BXwxJ6qeTg__zHfO8uLnZNTtoandhl=enandsa=Xandved=0ahUKEwjUyeejcrNAhWGqY8KHQCKBzwQ6AEIVjAH#v=onepageandqandf=false

QUESTION 3

When troubleshooting a performance related issue, an administrator sees the following warning message on an ESXi Console:

Significant imbalance between NUMA nodes detected. Performance may be impacted.

Which action should the administrator take to correct this problem?

- A. Ensure that the RAM modules are evenly balanced between processor sockets in the physical server.
- B. Ensure that all memory banks associated with CPU Socket 0 in the physical server are completely filled.
- C. Ensure that the physical server has the maximum amount of RAM modules that it can support.
- D. Ensure that all RAM modules in the host are Error-correcting code (ECC) modules.

Correct Answer: A

This message displays when memory is not evenly distributed between processor sockets.

Each CPU socket has its own RAM slots. To resolve this issue, evenly balance RAM modules between processor sockets. That is, ensure that each bank of RAM slots has the same amount of RAM.

For example, if CPU socket 1 has a total of 8 GB of RAM, ensure that CPU socket 2 also has 8 GB of RAM.

Ensure that memory on the nodes are balanced. For more information and assistance, contact your vendor.

Note: Damaged or faulty physical RAM modules can also cause this issue.

Reference:

<https://kb.vmware.com/selfservice/microsites/search.do?>



language=en_US&cmd=displayKC&externalId=1018754

QUESTION 4

An administrator with global administrator privileges creates a custom role but fails to assign any privileges to it.

Which two privileges would the custom role have? (Choose two.)

- A. System.View
- B. System.Anonymous
- C. System.User
- D. System.ReadOnly

Correct Answer: AB

When you add a custom role and do not assign any privileges to it, the role is created as a Read Only role with three system-defined privileges: System.Anonymous, System.View, and System.Read.

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.hostclient.doc/GUID-5ACE7CFA75EC-4EF3-95E7-19962D76225E.html>

QUESTION 5

An administrator is changing the settings on a vSphere Distributed Switch (vDS). During this process, the ESXi Management IP address is set to an address which can no longer communicate with the vCenter Server.

What is the most likely outcome of this action?

- A. The host will disconnect from the vCenter Server and remain disconnected.
- B. The host will automatically detect the communication issue and revert the change.
- C. The host will stay connected with the change, but show an alert.
- D. The host will disconnect and migrate the vDS portgroup to a standard switch.

Correct Answer: B

Explanation: Procedure

1.

Connect to the DCUI of the host.

2.

From the Network Restore Options menu, select Restore vDS.

3.



Configure the uplinks and optionally the VLAN for the management network.

4.

Apply the configuration.

The DCUI creates a local ephemeral port and applies the values you provided for the VLAN and uplinks.

The DCUI moves the VMkernel adapter for the management network to the new local port to restore connectivity to vCenter Server.

Next Steps:

After the connection of the host to vCenter Server is restored, correct the configuration of the distributed port group and re-add the VMkernel adapter to the group. For information about networking rollback, recovery, and restore, see the vSphere Networking documentation: Wait until vCenter Server applies the settings within the next 24 hours.

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