



# 2V0-620<sup>Q&As</sup>

vSphere 6 Foundations Beta

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### QUESTION 1

How many Link Aggregation Groups (LAGs) can be configured on a vSphere 6.x Distributed Switch?

- A. 64
- B. 96
- C. 128
- D. 256

Correct Answer: A

You can create up to 64 LAGs on a distributed switch. A host can support up to 32 LAGs. However, the number of LAGs that you can actually use depends on the capabilities of the underlying physical environment and the topology of the virtual network. For example, if the physical switch supports up to four ports in an LACP port channel, you can connect up to four physical NICs per host to a LAG.

Reference: <https://pubs.vmware.com/vsphere-55/index.jsp?topic=%2Fcom.vmware.vsphere.networking.doc%2FGUID-0D1EF5B4-7581-480B-B99D-5714B42CD7A9.html>

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### QUESTION 2

Users of an application are reporting performance issues. The following performance values are observed in the vSphere Web Client:

Host CPU utilization is 90%

Virtual Machine memory utilization is consistently greater than 90%

CPU Ready values are higher than 20%

What could be the cause of the application performance issue?

- A. The host is lacking the CPU resources required to meet the demand.
- B. The host is lacking the memory resources required to meet the demand.
- C. The virtual machine is lacking the CPU resources required to meet the demand.
- D. The virtual machine is lacking the memory resources required to meet the demand.

Correct Answer: A

A short spike in CPU usage indicates that you are making the best use of the host resources. However, if the value is constantly high, the host is probably lacking the CPU required to meet the demand.

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### QUESTION 3



An administrator has an application that requires connection directly to PCI devices through a virtual machine.

What is a limitation of this configuration?

- A. Devices must be reserved for PCI passthrough on at least one host on which the virtual machine will run.
- B. Snapshots are not supported with DirectPath I/O devices.
- C. A maximum of 18 PCI DirectPath I/O devices can be added to a virtual machine.
- D. Only one PCI controller can be presented to the virtual machine.

Correct Answer: B

Snapshots are not supported with PCI vSphere Direct Path I/O devices.

Reference: [https://pubs.vmware.com/vsphere-51/index.jsp?topic=%](https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.vm_admin.doc%2FGUID-058AEDF0-117E-4E17-956D-37181E22D499.html)

[2Fcom.vmware.vsphere.vm\\_admin.doc%2FGUID-058AEDF0-117E-4E17-956D-37181E22D499.html](https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.vm_admin.doc%2FGUID-058AEDF0-117E-4E17-956D-37181E22D499.html)

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#### QUESTION 4

A user is trying to retrieve objects from a SharePoint server and finds the request is taking an excessive amount of time. An administrator tries to isolate the issue and notes the following:

Application performance is poor when compared to virtual machines on other hosts.

Performance improves when the virtual machine is moved to another host.

The virtual machine encounters higher than expected CPU %Ready times.

What conclusion can be reached regarding the performance issues for this virtual machine?

- A. Host Power Management is directly impacting virtual machine performance.
- B. The virtual machine has a large number of snapshots.
- C. The Path Selection Policy for the storage device is set differently on the affected host.
- D. Network I/O control is configured for the portgroup.

Correct Answer: A

Processor Power Management (Power Saving, Power Scaling) is impacting application performance on virtual machines.

Reference: [https://kb.vmware.com/selfservice/microsites/search.do?](https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKc&externalId=1018206)

[language=en\\_US&cmd=displayKc&externalId=1018206](https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKc&externalId=1018206)

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#### QUESTION 5



An administrator is deploying multiple Windows 2003 Virtual Machines from the same template.

What two steps should be taken to avoid network conflicts? (Choose two.)

- A. Customize the guest operating system.
- B. Install VMware Tools into the new virtual machines.
- C. Copy the Microsoft Sysprep tools onto the vCenter Server system.
- D. Ensure the e1000 vmnic is selected for each new virtual machine.

Correct Answer: AC

To avoid such network or software conflicts, its recommended to customize the VM Guest during the deployment process. For Guest OS customization of virtual machines deployed from templates, vCenter requires the following:

If the guest OS is Windows, you need VMware Tools and Sysprep utils to be installed within the templates: You will need to copy Sysprep tools to vCenter for Windows 2000, XP and 2003. Starting with Windows Vista onward, Sysprep tools are part of the base OS install.

Reference: <https://virtual-drive.in/2015/02/08/what-are-virtual-machine-templates/>

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