

# **VMware**

## **Exam 2V0-602**

### **VMware vSphere 6.5 Foundations**

**Version: Demo**

**[ Total Questions: 10 ]**

**Topic break down**

| <b>Topic</b>                | <b>No. of Questions</b> |
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**Topic 1, Exam Pool A****Question No : 1 - (Topic 1)**

A VMware vSphere 6.x Administrator is implementing a new eight-node cluster for business critical applications. Each server will be configured with two 10 GbE network adapters and will utilize iSCSI for storage on one subnet.

Which feature is required to implement this solution?

- A. Storage DRS
- B. LACP
- C. Network I/O Control
- D. VMkernel Port Binding

**Answer: D**

**Topic 2, Exam Pool B****Question No : 2 - (Topic 2)**

Refer to the Exhibit. A storage administrator is not seeing full utilization of all bandwidth from an ESXi host. The vSphere administrator observes the adapter details, as shown in the Exhibit.

Adapter Details

| Runtime Name    | Target                             | LUN | Status         |
|-----------------|------------------------------------|-----|----------------|
| vmhba2:C0:T3:L0 | 50:06:01:60:c7:20:6a:a4 50:06:0... | 0   | ◆ Active (I/O) |
| vmhba2:C0:T2:L0 | 50:06:01:60:c7:20:6a:a4 50:06:0... | 0   | ◆ Active (I/O) |
| vmhba2:C0:T1:L0 | 50:06:01:60:c7:20:6a:a4 50:06:0... | 0   | ◇ Disabled     |
| vmhba2:C0:T0:L0 | 50:06:01:60:c7:20:6a:a4 50:06:0... | 0   | ◆ Active       |

What is the probable cause of this issue?

- A. Another path needs to be used to allow full utilization of the bandwidth.
- B. The array is not setup to use the correct multipathing policy.
- C. There are no virtual machines on the host.
- D. No traffic is being sent across it because a path failed.

**Answer: D**

**Question No : 3 - (Topic 2)**

An administrator deploys vCenter Server using the embedded Platform Services Controller.

After testing the deployment for a couple of months, it is determined that the environment would be better served with an external Platform Services Controller.

What should the administrator do to meet this new requirement?

- A. Deploy a fresh instance of vCenter Server with an external Platform Services Controller.
- B. Perform a fresh install of an external Platform Services Controller.
- C. Migrate the embedded Platform Services Controller to an external Platform Services Controller.
- D. Upgrade the embedded Platform Services Controller to an external Platform Services Controller.

**Answer: A**

**Topic 3, Exam Pool C**

**Question No : 4 - (Topic 3)**

An administrator logs into the vSphere Web Client, but is unable to see any hosts and clusters.

Which two options could fix the problem? (Choose two.)

- A. Verify that the client web browser and vCenter Server are in the same broadcast domain.
- B. Verify that the vCenter Server system is registered with the same Platform Services

Controller as the vSphere Web Client.

C. Log in to the vCenter Server as a user within the Active Directory domain.

D. Log in to the vSphere Web Client as a user with permissions on the vCenter Server system.

**Answer: B,D**

**Question No : 5 - (Topic 3)**

A VMware vSphere Administrator is tasked with enabling Fault Tolerance (FT) on a VM but is unable to.

What is the reason that FT cannot be enabled?

A. The VM has a VMDK that is greater than 2TB.

B. The VM is configured to use Jumbo Frames.

C. The VM has 4 vCPU.

D. The VM is running an operating system that is more than 4 years old.

**Answer: C**

**Explanation:**

Enabling fault tolerance on a virtual machine with more than 1 vCPU using the vSphere Client fails.

You see the error:

“The Virtual Machine has x virtual CPUs and is not supported for Fault Tolerance”

**Question No : 6 - (Topic 3)**

An ESXi 6.x host consists of 24 logical cores. Hyperthreading is enabled on the host.

What is the maximum number of vCPUs that can be assigned to a virtual machine on this host?

- A. 24
- B. 48
- C. 64
- D. 128

**Answer: A**

**Question No : 7 - (Topic 3)**

Which two statements are true using Resource Pools? (Choose two.)

- A. Resource Pools require vSphere HA to be enabled
- B. Resource Pools compartmentalize all resources in a datacenter
- C. Resource Pools require vSphere DRS to be enabled
- D. Resource Pools compartmentalize all resources in a cluster

**Answer: C,D**

**Question No : 8 - (Topic 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 passthrough devices.
- C. A maximum of 18 PCI vSphere DirectPath devices can be added to a virtual machine.
- D. Only one PCI controller can be presented to the virtual machine.

**Answer: B**

**Explanation:**

[https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.vm\\_admin.doc/GUID-53F65726-A23B-4CF0-A7D5-48E584B88613.html](https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.vm_admin.doc/GUID-53F65726-A23B-4CF0-A7D5-48E584B88613.html)

**Question No : 9 - (Topic 3)**

Refer to the Exhibit. An administrator is configuring an ESXi 6.x host to use multiple NICs to resolve a management network redundancy error. After configuring a second NIC, the server is not able to communicate when the primary connection is taken down.

The administrator analyzes the Exhibit shown here.

Physical adapters

| Device   | Actual Speed | Configured Speed | Switch   | MAC Address       | Observed IP ranges | Wake on LAN |
|--|--------------|------------------|----------|-------------------|--------------------|-------------|
| Intel Corporation 82545EM Gigabit Ethernet Controller (Copper) |              |                  |          |                   |                    |             |
| vmnic0   | 1000 Mb      | Auto negotiate   | vSwitch0 | 00:50:56:03:0a:51 | 10.0.0.8-10.0.0.11 | No          |
| vmnic1   | 1000 Mb      | Auto negotiate   | vSwitch0 | 00:50:56:03:3b:61 | 10.0.0.8-10.0.0.11 | No          |
| vmnic2   | Down         | Auto negotiate   | vSwitch1 | 00:50:56:03:44:ed | 10.0.0.8-10.0.0.11 | No          |
| vmnic3   | 1000 Mb      | Auto negotiate   | vSwitch1 | 00:50:56:03:0e:0f | 10.0.0.8-10.0.0.11 | No          |
| vmnic4   | 1000 Mb      | Auto negotiate   | —        | 00:50:56:03:17:a3 | 10.0.0.8-10.0.0.11 | No          |

Physical network adapter: vmnic0

All Properties CDP LLDP

|          |  |
|----------|--|
| Adapter  | Intel Corporation 82545EM Gigabit Ethernet Controller (Copper) |
| Name     | vmnic0   |
| Location | PCI 0000:02:00.0   |
| Driver   | e1000  |
| Status   |  |

Based on the exhibit, what is the likely cause of the issue?

- A. vmnic4 is not attached to a vSwitch.
- B. vmnic2 is not connected to a physical switch.
- C. E1000 is the incorrect NIC Driver for this card.
- D. There is a MAC address conflict on the network.

**Answer: B**

**Question No : 10 - (Topic 3)**

An administrator must determine an appropriate backup solution, given these conditions:

- 50 of the virtual machines are in a resource pool named Finance.
- 50 of the virtual machines are in a resource pool named QA.

Which solution allows an administrator the ability to backup 100 virtual machines?

- A.** Use Snapshot Manager on the vCenter Server to backup the virtual machines.
- B.** Use the VMware Consolidated Backup (vcb) tool on the ESXi Host to backup the virtual machines.
- C.** Use the VMware Data Recovery (VDR) Appliance on the vCenter Server to backup the virtual machines.
- D.** Use the VMware Data Protection (VDP) Appliance on one of the ESXi Hosts to backup the virtual machines.

**Answer: D**