



# 2V0-621<sup>Q&As</sup>

VMware Certified Professional 6 – Data Center Virtualization

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**QUESTION 1**

What three supported methods can be used to upgrade a host from ESXi 5.x to ESXi 6.x? (Choose three.)

- A. vSphere Update Manager
- B. vihostupdate
- C. esxcli
- D. vSphere Auto Deploy
- E. esxupdate

Correct Answer: ACD

**Upgrade Options for ESXi 6.0**

VMware provides several ways to upgrade ESXi 5.x hosts to ESXi 6.0 hosts.

The details and level of support for an upgrade to ESXi 6.0 depend on the host to be upgraded and the upgrade method that you use. Verify support for the upgrade path from your current version of ESXi to the version to which you are upgrading. See VMware Product Interoperability Matrixes at [http://www.vmware.com/resources/compatibility/sim/interop\\_matrix.php](http://www.vmware.com/resources/compatibility/sim/interop_matrix.php). You can upgrade a ESXi 5.x host, asynchronously released driver or other third-party customizations, interactive upgrade from CD or DVD, scripted upgrade, or upgrade with vSphere Update Manager. When you upgrade an ESXi 5.x host that has custom VIBs to version 6.0, the custom VIBs are migrated. See Upgrading Hosts That Have Third-Party Custom VIBs.

Methods supported for direct upgrade to ESXi 6.0 are:

vSphere Update Manager.

Interactive upgrade from CD, DVD, or USB drive.

Scripted upgrade.

vSphere Auto Deploy. If the ESXi 5.x host was deployed by using vSphere Auto Deploy, you can use

vSphere Auto Deploy to reprovision the host with an ESXi 6.0 image.

The esxcli command.

Reference: <https://pubs.vmware.com/vsphere-60/index.jsp?topic=%2Fcom.vmware.vsphere.upgrade.doc%2FGUID-FE668788-1F32-4CB2-845C-5547DD59EB48.html>

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**QUESTION 2**

Which condition would cause a vCenter Server installation to fail when installing on a Windows virtual machine?

- A. The virtual machine does not have at least four vCPUs.
- B. The virtual machine is running Windows Server 2008.
- C. The virtual machine has an E1000 network device.
- D. The virtual machine does not have 16GB of RAM.

Correct Answer: B

The vCenter Server installation or uninstallation process might fail or stop responding on Windows Server 2008 R1 SP2

The Windows Installer on Windows Server 2008 R1 SP2 has issues with handling multiple packages.

Because of these issues the vCenter Server installation might stop responding, or if you attempt to install and uninstall vCenter Server a few times, the process might fail.

Workaround: Apply the patch from Microsoft KB 981669 which addresses the Windows Installer issue.

Reference: <https://www.vmware.com/support/vsphere6/doc/vsphere-esxi-vcenter-server-60-releasenotes.html#compatibility>

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**QUESTION 3**

Which two statements are true regarding Virtual SAN Fault Domains? (Choose two.)

- A. They enable Virtual SAN to tolerate the failure of an entire physical rack.
- B. Virtual SAN ensures that no two replicas are provisioned on the same domain.
- C. Virtual SAN ensures that all replicas are provisioned on the same domain.
- D. They require VMware High Availability (HA) to ensure component distribution across domains.

Correct Answer: AB

**Managing Fault Domains in Virtual SAN Clusters** If your Virtual SAN cluster spans across multiple racks or blade server chassis in a data center and you want to make sure that your hosts are protected against rack or chassis failure, you can create fault domains and add one or more hosts to each fault domain. A fault domain consists of one or more Virtual SAN hosts grouped together according to their physical location in the data center. When configured, fault domains enable Virtual SAN to tolerate failures of entire physical racks as well as failures of a single host, capacity device, network link or a network switch dedicated to a fault domain.

Reference: <https://pubs.vmware.com/vsphere-60/index.jsp?topic=%2Fcom.vmware.vsphere.virtualsan.doc%2FGUID-8491C4B0-6F94-4023-8C7A-FD7B40D0368D.html>

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**QUESTION 4**

A failed upgrade from vCenter Server version 5.x to version 6.0 produces the following error:

[00800 error '\\Default\\'] Database version id '\\600\\' is incompatible with this release of VirtualCenter.

What is the cause of the upgrade failure?

- A. There was a database schema upgrade failure during the installation.
- B. The VMWAREVCMSDS service was upgraded before the vCenter Server service.
- C. The VMware Directory Service database failed during the installation.
- D. There was an incompatible ODBC driver version for the database.

Correct Answer: A

Explanation: Attempts to upgrade the VMware vCenter Server from 5.x to 6.0 might fail when validating the database. Upgrading VMware vCenter Server with an Oracle Database from 5.x to 6.0 might fail. This error occurs when you install a vCenter Server against an external Microsoft SQL database. You need to create the database schema manually by referencing to the information in DB\_and\_schema\_creation\_scripts\_mssql.txt in the DB scripts folder. An error message similar to the following is displayed: The user associated with the DSN has insufficient privileges. This issue is resolved in this release. VMware vCenter Server 6.0 Update 1 check release notes whitepaper on vmware.com. Upgrading from vSphere 5.x to vSphere 6.0 Best Practices (2130664) [https://kb.vmware.com/selfservice/search.do?cmd=displayKC&docType=kc&docTypeID=DT\\_KB\\_1\\_1&externalId=2130664](https://kb.vmware.com/selfservice/search.do?cmd=displayKC&docType=kc&docTypeID=DT_KB_1_1&externalId=2130664)

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**QUESTION 5**

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>