



2V0-621^{Q&As}

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**QUESTION 1**

To reduce the attack vectors for a virtual machine, which two settings should an administrator set to false? (Choose two.)

A. keyboard.present

B. vmnicX:Y.present

C. ideX:Y.present

D. serial.present

Correct Answer: CD

Removing Unnecessary Hardware Devices Any enabled or connected device represents a potential attack channel. Users and processes without privileges on a virtual machine can connect or disconnect hardware devices, such as network adapters and CD-ROM drives. Attackers can use this capability to breach virtual machine security. Removing unnecessary hardware devices can help prevent attacks. Use the following guidelines to increase virtual machine security.

1.

Ensure that unauthorized devices are not connected and remove any unneeded or unused hardware devices.

2.

Disable unnecessary virtual devices from within a virtual machine. An attacker with access to a virtual machine can connect a disconnected CD-ROM drive and access sensitive information on the media left in the drive, or disconnect a network adapter to isolate the virtual machine from its network, resulting in a denial of service.

3.

Ensure that no device is connected to a virtual machine if it is not required. Serial and parallel ports are rarely used for virtual machines in a datacenter environment, and CD/DVD drives are usually connected only temporarily during software installation.

4.

For less commonly used devices that are not required, either the parameter should not be present or its value must be false. Ensure that the following parameters are either not present or set to false unless the device is required.



Parameter	Value	Device
floppyX.present	false	floppy drives
serialX.present	false	serial ports
parallelX.present	false	parallel ports
usb.present	false	USB controller
ideX:Y.present	false	CD-ROM

Reference: <https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.security.doc%2FGUID822B2ED3-D8D2-4F57-8335-CA46E915A729.html>

QUESTION 2

Which two capabilities does the vSphere Replication Client Plug-in provide? (Choose two.)

- A. Configure connections between vSphere Replication Sites.
- B. Deploy and register additional vSphere Replication Servers.
- C. Reconfigure the vSphere Replication Server.
- D. Configure an external database for a vSphere Replication Site.

Correct Answer: AB

Explanation: vSphere Replication Client Plug-In

The vSphere Replication appliance adds a plug-in to the vSphere Web Client.

You use the vSphere Replication client plug-in to perform all vSphere Replication actions.

1.
Configure connections between vSphere Replication sites.
2.
View all vCenter Server instances that are registered with the same SSO and status of each vSphere Replication extension.
3.
Deploy and register additional vSphere Replication servers.



4.

Configure the replication of individual or multiple virtual machines.

5.

View incoming and outgoing replications.

6.

Monitor and manage the status of the replications.

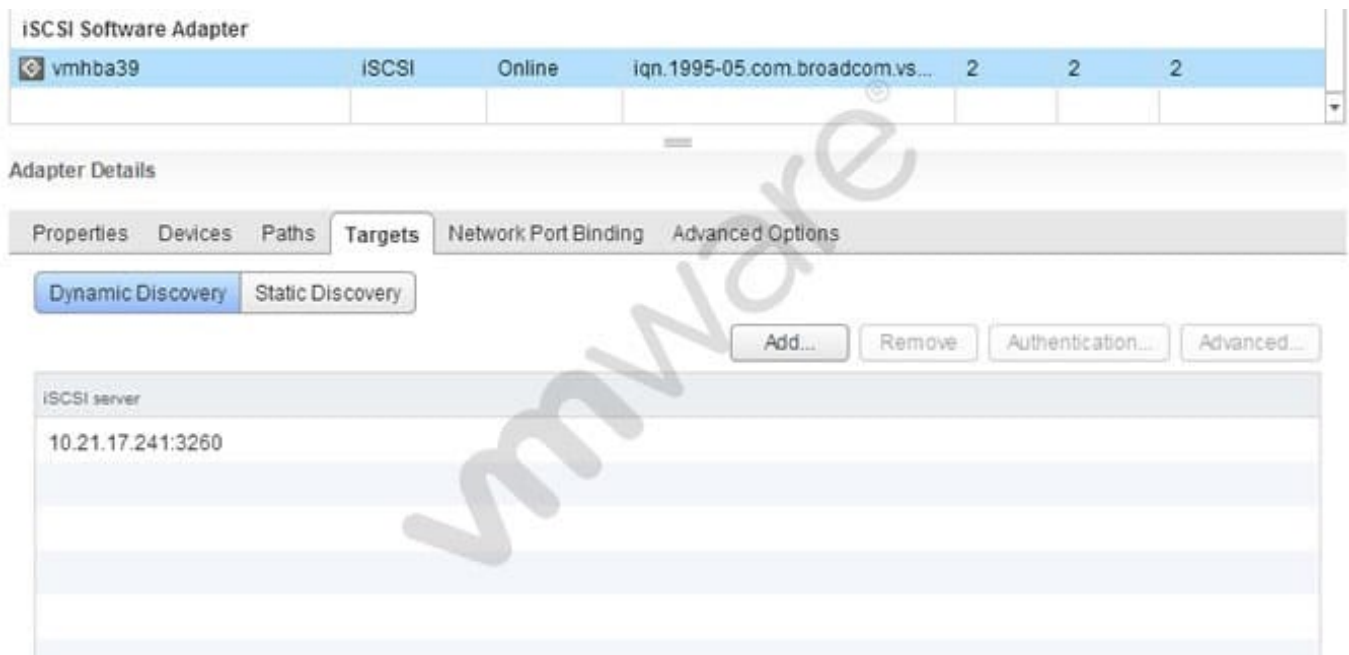
7.

Recover virtual machines.

Reference: https://pubs.vmware.com/vsphere55/index.jsp?topic=%2Fcom.vmware.vsphere.replication_admin.doc%2FGUID-DEFB63AE-C60C-4606-9F1C-E1B270CA408A.html

QUESTION 3

Refer to the Exhibit.



Which tab shows the Hardware Acceleration support status?

A. Devices

B. Properties

C. Paths

D. Advanced Options



Correct Answer: A

To know the detailed info about the tab:

If you go to Host > Configuration > Storage, you can see the Hardware Acceleration Status in the panel on the right side.

For each storage device and datastore, the vSphere Client displays the hardware acceleration support status in the Hardware Acceleration column of the Devices view and the Datastores view.

The status values are Unknown, Supported, and Not Supported. The initial value is Unknown. The status changes to Supported after the host successfully performs the offload basic operations. If the offload operation fails, the status changes to Not Supported.

Check link KB: [https://kb.vmware.com/selfservice/microsites/search.do?](https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=1021976)

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QUESTION 4

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.

QUESTION 5

Which statement is true for the Path Selection Plug-In VMW_PSP_MRU?

- A. VMW_PSP_MRU is default for a majority of active-active and active-passive arrays.
- B. VMW_PSP_MRU will remain on the selected path even if the state were to change.
- C. VMW_PSP_MRU is recommended for Virtual SAN.
- D. VMW_PSP_MRU will have no preferred path setting for the Plug-In.

Correct Answer: D

VMW_PSP_MRU The host selects the path that it used most recently. When the path becomes unavailable, the host selects an alternative path. The host does not revert back to the original path when that path becomes available again. There is no preferred path setting with the MRU policy. MRU is the default policy for most active-passive storage devices.

Reference: <https://pubs.vmware.com/vsphere-55/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc%2FGUID-B7AD0CA0-CBE2-4DB4-A22C-AD323226A257.html>

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