VCP-510 Q&As

VMware Certified Professional on VSphere 5

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QUESTION 1

Assuming VLANs are not configured, which of the following is true about traffic from a virtual machine connected to a port group on a vNetwork Standard Switch with no uplinks?

A. Virtual machines in any port group on the virtual switch can receive the traffic.

B. The virtual switch will drop the packets if no uplink is present.

C. Virtual machines on any virtual switch on the same ESX Server can receive the traffic.

D. Only virtual machines in the same port group on the virtual switch can receive the traffic.

Correct Answer: A

QUESTION 2

When using a hardware iSCSI initiator with an ESXi host, which two tasks are performed by VMKernel? (Choose two)

A. Encapsulation of iSCSI PDUs TCP/IP packets

B. Mapping requests for blocks on the virtual disk to blocks on the appropriate physical device

C. Issuing iSCSI commands to the virtual disk

D. Encapsulation of I/O requests into iSCSI Protocol Data Units (PDUs)

Correct Answer: BC

QUESTION 3

An administrator has configured a vSphere Distributed Switch to send all network traffic to a collector virtual machine for analysis.

However, after checking the collector virtual machine several hours later the administrator finds that no data has been collected. vSphere 5.x has been deployed in the datacenter. Which two items below could be causing this issue? (Choose

two.)

A. The source virtual machine does not have Promiscuous Mode enabled.

B. The source and target virtual machines are not both on the same vSphere Distributed Switch.

C. The port group or distributed does not have Promiscuous Mode enabled.

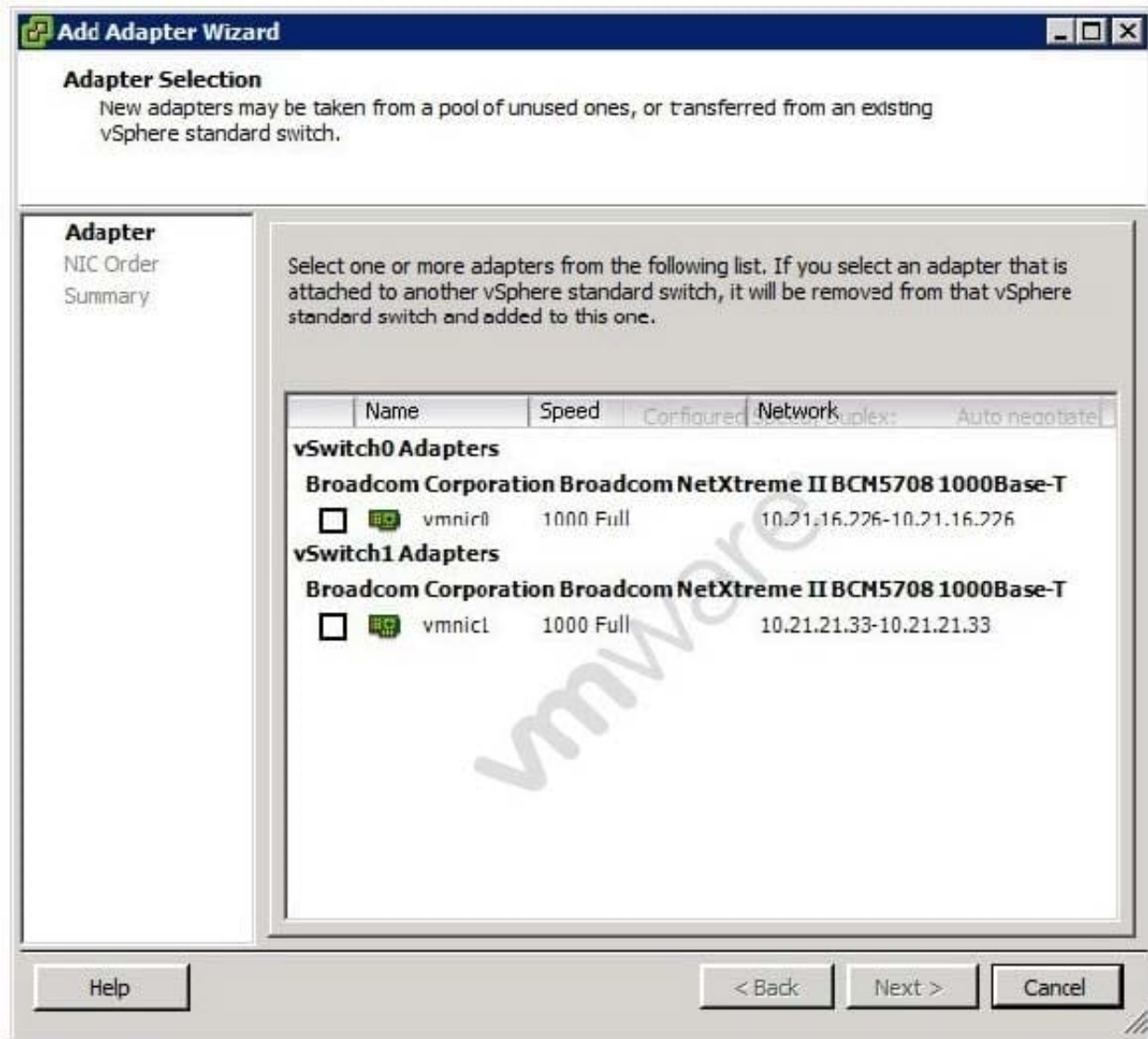D. The port group or distributed port does not have NetFlow enabled.

Correct Answer: BD

QUESTION 4

Click the Exhibit button. An administrator has been tasked with adding a newly installed uplink to vSwitch1. Based on the exhibit, what is a true statement about this environment?

```
┌─ Add Adapter Wizard ──────────────────────────────────── _ □ X ─┐
│                                                                   │
│  Adapter Selection                                                │
│     New adapters may be taken from a pool of unused ones, or transferred from an existing │
│     vSphere standard switch.                                      │
│                                                                   │
│  ┌──────────────┬──────────────────────────────────────────────┐ │
│  │ Adapter      │ Select one or more adapters from the following list. If you select an adapter that is │
│  │ NIC Order    │ attached to another vSphere standard switch, it will be removed from that vSphere │
│  │ Summary      │ standard switch and added to this one.          │ │
│  │              │                                                 │ │
│  │              │ ┌──────────────────────────────────────────────┐ │
│  │              │ │ Name        Speed   Configured  Network  Auto negotiate │
│  │              │ │ vSwitch0 Adapters                            │ │
│  │              │ │ Broadcom Corporation Broadcom NetXtreme II BCM5708 1000Base-T │
│  │              │ │  □  ▣  vmnic0   1000 Full      10.21.16.226-10.21.16.226 │
│  │              │ │ vSwitch1 Adapters                            │ │
│  │              │ │ Broadcom Corporation Broadcom NetXtreme II BCM5708 1000Base-T │
│  │              │ │  □  ▣  vmnic1   1000 Full      10.21.21.33-10.21.21.33 │
│  │              │ └──────────────────────────────────────────────┘ │
│  └──────────────┴──────────────────────────────────────────────┘ │
│                                                                   │
│  [ Help ]                              [ < Back ] [ Next > ] [ Cancel ] │
└───────────────────────────────────────────────────────────────────┘
```

A. The server does not have available vSwitches to be assigned to this uplink.

B. The available uplinks are not compatible with a standard vSwitch.

C. The host needs a driver installed for the newly installed uplink.

D. The current uplinks cannot be attached because they are in use by other port groups.

Correct Answer: C

QUESTION 5

A company has been utilizing templates in its environment. It is running a 10-node ESXi 5.x Cluster and DRS has not

been configured. Several virtual machines have been deployed from this template and successfully powered on, but a newly deployed virtual machine will not power on. There appears to be adequate CPU and Memory resources available on the host. Which three things can be done to allow more virtual machines to be deployed into the cluster from this template? (Choose three.)

A. Deploy the virtual machine to a different host using the same datastore

B. Enable DRS on the cluster to balance the virtual load out across hosts

C. Increase the virtual machine memory reservation

D. Move the swap file to a different location

E. Select a different datastore for the virtual machine

Correct Answer: CDE