



2V0-621D^{Q&As}

VMware Certified Professional 6 – Data Center Virtualization Delta

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QUESTION 1

An administrator is concerned about possible vCPU over-commitment for an ESXi 6.x host.

Which two Performance Counters should be reviewed in the vSphere Web Client Performance Charts to confirm if there is contention on the host? (Choose two.)

- A. Wait
- B. Ready
- C. Core Utilization
- D. Co-Stop

Correct Answer: BD

Reference: <http://www.gabesvirtualworld.com/how-too-many-vcpus-can-negatively-affect-your-performance/>

QUESTION 2

An administrator has a virtual machine (VM) that uses a shared USB device.

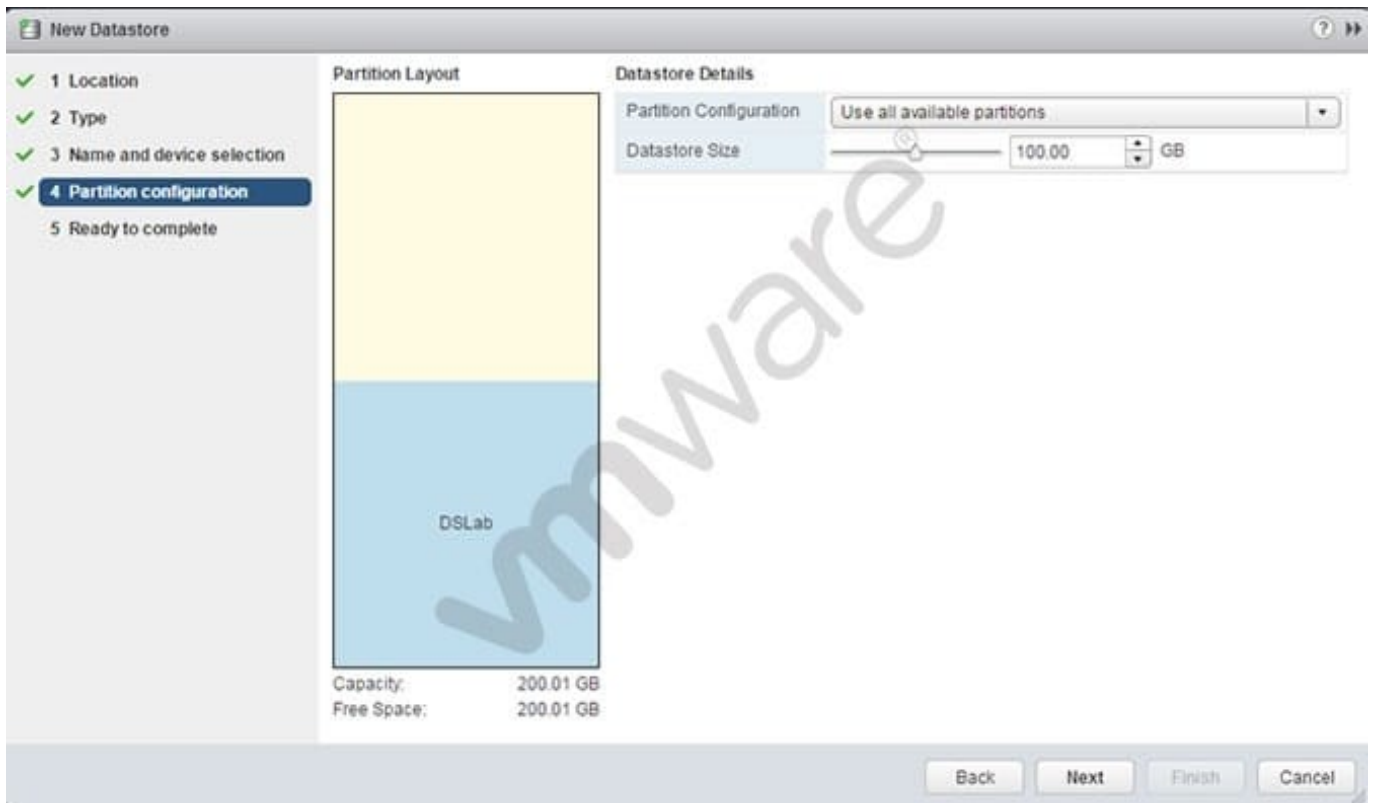
Which option will allow the VM to utilize vMotion while retaining the maximum possible functionality?

- A. Disable the USB device from the VM.
- B. Configure the VM to support vMotion while the device is connected.
- C. Enable migration support for the individual USB device.
- D. Remove the device from the VM.

Correct Answer: B

QUESTION 3

Refer to the Exhibit.



What will be created upon completion of the steps in this wizard?

- A. 100GB VMFS5 datastore with free space available for expansion
- B. 100GB VMFS5 datastore with free space available for a second datastore
- C. 100GB VMFS3 datastore
- D. 200.01 GB VMFS5 datastore

Correct Answer: A

As you can see in the exhibit, the 100GB VMFS5 datastore is created with free space available for expansion.

QUESTION 4

An administrator has migrated a vCenter Server Appliance from version 5.5 to version 6.x. During the migration, the administrator selected DHCP for the appliance and obtained a hostname from the DHCP server. The administrator adjusts the hostname after the migration and uses a static IP and hostname.

What should the administrator do immediately after this change to prevent service failures?

- A. Regenerate the SSL certificates.
- B. Re-register components to Single Sign-On.
- C. Update the /etc/hosts file.
- D. Execute the command `services.restart vmware-vpxd`.



Correct Answer: A

To resolve this issue, regenerate the vCenter Server certificate using a stronger public key strength.

Reference:

http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKCA&externalId=2074942

QUESTION 5

An administrator has configured three vCenter Servers and vRealize Orchestrator within a Platform Services Controller domain, and needs to grant a user privileges that span all environments. Which statement best describes how the administrator would accomplish this?

- A. Assign a Global Permission to the user.
- B. Assign a vCenter Permission to the user.
- C. Assign vsphere.local membership to the user.
- D. Assign an ESXi Permission to the user.

Correct Answer: A

Global permissions are applied to a global root object that spans solutions, for example, both vCenter Server and vCenter Orchestrator. Use global permissions to give a user or group privileges for all objects in all object hierarchies.

Reference: <http://pubs.vmware.com/vsphere-60/index.jsp?topic=%2Fcom.vmware.vsphere.security.doc%2FGUID-C7702E31-1623-4189-89CB-E1136AA27972.html>

QUESTION 6

Which two considerations should an administrator keep in mind when booting from Software Fiber Channel over Ethernet (FCoE)? (Choose two.)

- A. Software FCoE boot configuration can be changed from within ESXi.
- B. Software FCoE boot firmware cannot export information in FBFT format.
- C. Multipathing is not supported at pre-boot.
- D. Boot LUN cannot be shared with other hosts even on shared storage.

Correct Answer: CD

When you boot the ESXi host from SAN using software FCoE, certain requirements and considerations apply.

You cannot change software FCoE boot configuration from within ESXi. Coredump is not supported on any software FCoE LUNs, including the boot LUN.

Multipathing is not supported at pre-boot.

Boot LUN cannot be shared with other hosts even on shared storage.



Reference: <https://pubs.vmware.com/vsphere-55/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc%2FGUID-8E57EDC9-F122-4A81-8B80-FE19FFE832B1.html>

QUESTION 7

What is the minimum Virtual Hardware version required for vFlash Read Cache?

- A. Version 8
- B. Version 9
- C. Version 10
- D. Version 11

Correct Answer: C

Version 10 is the minimum version needed for vFlash Read cache. Reference: <https://virtualizationreview.com/articles/2014/01/16/flash-read-cache.aspx>

QUESTION 8

What is the command to list multipathing modules on an ESXi 6.x host?

- A. esxcli storage core list plugin --plugin-class=MP
- B. esxcli storage core list plugin --class-plugin=MP
- C. esxcli storage core plugin list --plugin-class=MP
- D. esxcli storage core plugin list --class-plugin=MP

Correct Answer: C

Reference: <http://darrylcauldwell.com/advanced-vsphere-5-x-storage-masking-multipathing-filtering/>

QUESTION 9

Refer to the Exhibit.

```
6:16:06pm up 74 days 19:37, 470 worlds, 3 VMs, 4 vCPUs; CPU load average: 0.13, 0.10, 0.09
```

| ADAPTR | PATH | NPTH | CMDS/s | READS/s | WRITES/s | MBREAD/s | MBWRIT/s | DAVG/cmd | KAVG/cmd | GAVG/cmd | QAVG/cmd |
|---------|------|------|--------|---------|----------|----------|----------|----------|----------|----------|----------|
| vmhba0 | - | 1 | 6.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.03 | 0.28 | 0.01 |
| vmhba1 | - | 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| vmhba32 | - | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| vmhba33 | - | 2 | 184.06 | 85.35 | 97.27 | 5.31 | 4.88 | 160.91 | 0.01 | 160.92 | 0.00 |

An administrator is using the esxtop command to troubleshoot storage performance issues on a virtual machine. The esxtop capture is shown in the Exhibit. Based on the exhibit, which two statements are true? (Choose two.)



- A. The iSCSI device is experiencing high latency.
- B. The ESXi kernel is experiencing high latency.
- C. The Guest OS is experiencing high latency and response time.
- D. The NFS device is experiencing high latency.

Correct Answer: AC

The iSCSI device is having high latency. You can see the response time peaking with high latency for Guest OS.

QUESTION 10

An administrator enables High Availability (HA) on a Virtual SAN cluster.

There are four vmkernel port groups with the following IP addresses assigned:

Management: 192.168.12.10 vMotion: 192.168.13.10 Virtual SAN: 192.168.14.10 Fault Tolerance: 192.168.15.10

Which IP address will HA use for traffic?

- A. 192.168.12.10
- B. 192.168.13.10
- C. 192.168.14.10
- D. 192.168.15.10

Correct Answer: C

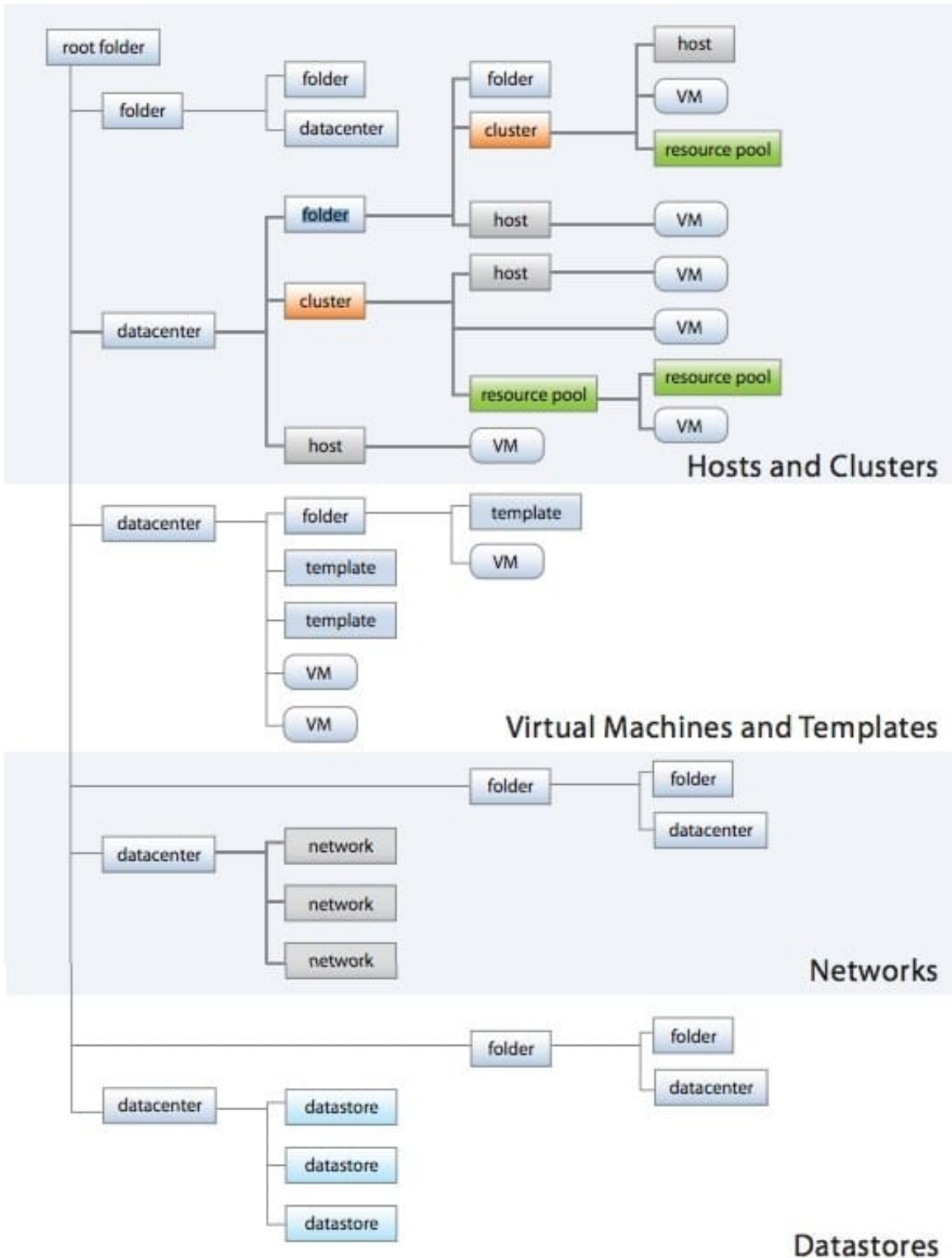
Since the IP address of Virtual SAN is 192.168.14.10, HA will use this for traffic because HA uses the original IP of the entity that needs High availability.

QUESTION 11

What is the highest object level from which a virtual machine can inherit privileges?

- A. Host Folder
- B. Data Center
- C. Data Center Folder
- D. VM Folder

Correct Answer: C



Rahail HDD:Users:iMac\Desktop:Screen Shot 2015-06-09 at 3.20.28 PM.png Reference:
http://www.vmware.com/pdf/vi3_vc_roles.pdf

QUESTION 12



An administrator is unable to see performance statistics for only the Past Week performance data. The vCenter Server is using a Microsoft SQL Server Database. What are three likely causes contributing to this issue? (Choose three.)

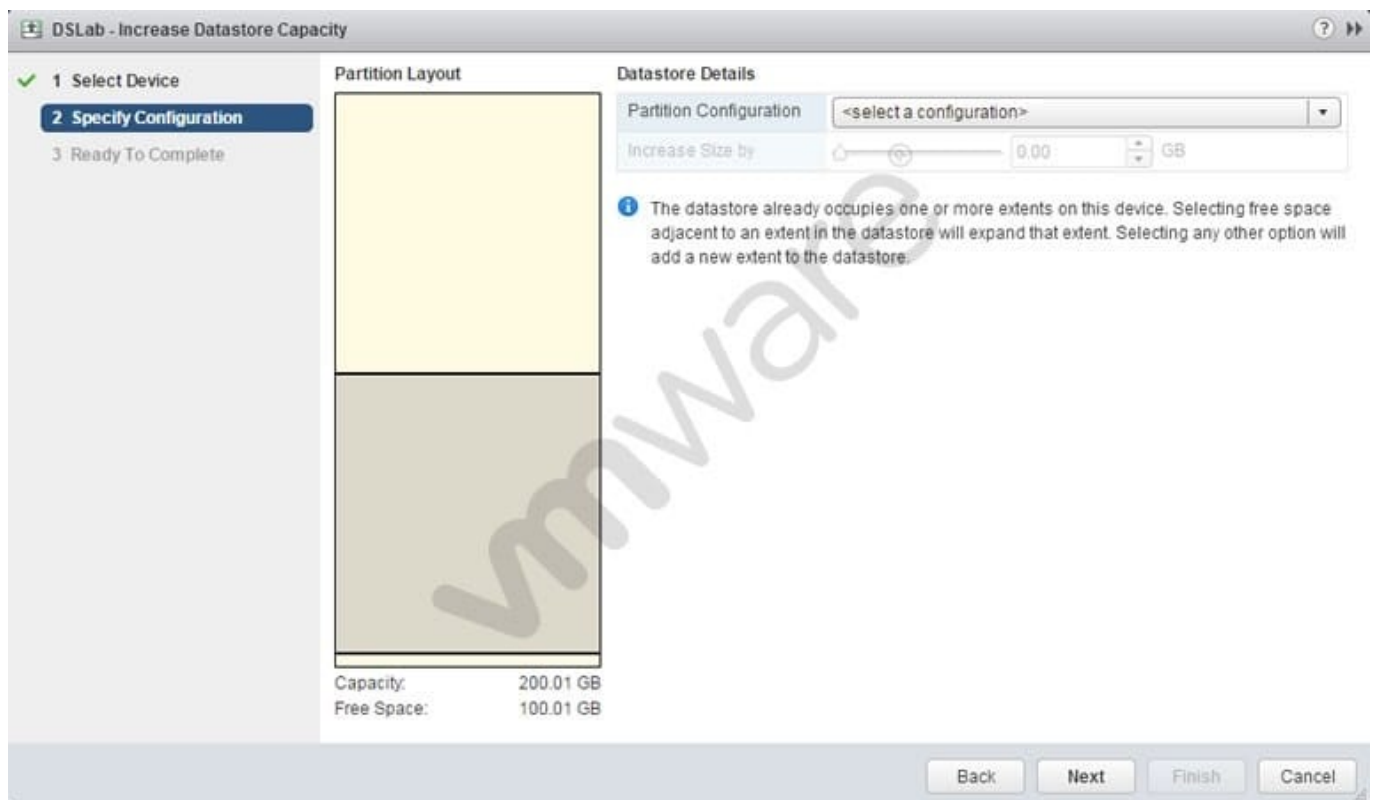
- A. Performance statistics are turned off.
- B. The Past Day rollup job is not present.
- C. The stats_rollup_1_proc is not present.
- D. The VMware Performance Charts Service is stopped.
- E. The JDBC URL is incorrect in the vcdb.properties file.

Correct Answer: ABC

If you are unable to see the performance data, it means that either the performance statistics is off or the past day roll up job is not present. Stats_rollup_proc also seems not to be present.

QUESTION 13

Refer to the Exhibit.



An administrator wants to increase the capacity of a VMFS5 datastore; but the Increase Size by slider is not available, as shown in the Exhibit. How should the administrator resolve this problem?

- A. Select a valid partition configuration from the drop-down menu.
- B. Use fdisk utility to manually resize the partition.



- C. Use the mouse to resize the partition indicated in the Partition Layout.
- D. Clicking Next will prompt for available usable space.

Correct Answer: A

To increase the capacity of VMFS5 datastore, you can select the drop down menu on the right panel and select a partition configuration that can help increase the capacity.

QUESTION 14

Which two settings are required for Virtual Machine Component Protection (VMCP) to protect from All Paths Down (APD) and Permanent Device Loss (PDL)? (Choose two.)

- A. Host Monitoring
- B. VM Restart Priority
- C. Virtual machine Monitoring
- D. Response for Host Isolation

Correct Answer: AB

VM Component Protection (VMCP) is enabled, vSphere HA can detect datastore accessibility failures and provide automated recovery for affected virtual machines. If either the Host Monitoring or VM Restart Priority settings are disabled, VMCP cannot perform virtual machine restarts. Storage health can still be monitored and events can be issued, however.

Reference: <http://pubs.vmware.com/vsphere-60/index.jsp?topic=%2Fcom.vmware.vsphere.avail.doc%2FGUID-F01F7EB8-FF9D-45E2-A093-5F56A788D027.html>

QUESTION 15

An administrator is attempting to enable Legacy Fault Tolerance (FT) on a virtual machine and observes the following in the vSphere Web Client: Fault Tolerance has not been licensed on host . What is the minimum licensed edition that supports this configuration?

- A. Standard
- B. Enterprise
- C. Enterprise Plus
- D. Essentials Plus

Correct Answer: A

Fault Tolerance is not licensed in all editions of VMware vSphere. Check the edition you are running and upgrade to an edition that includes Fault Tolerance. Reference: http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=1033634



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