

VMware.Premium.2V0-602.by.VCEplus.70q

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Exam Code: 2V0-602

Exam Name: vSphere 6.5 Foundations

Certification Provider: VMware

Corresponding Certification: VCP6.5-DCV

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QUESTION 1

A VMware vSphere 6.x Administrator sees the following output in esxtop:

```

2:32:21pm up 35 days 14:26, 819 worlds, 11 VMs, 28 vCPUs; CPU load average: 0.07, 0.07, 0.07
PCPU USED(%): 3.3 10 2.9 0.6 5.9 10.0 4.5 1.5 9.7 1.0 3.9 64 1.1 1.1 1.0 3.6 0.5 0.9 1.0 2.2 0.5 0.4 0.9 0.2 AVG: 5.5
PCPU UTIL(%): 5.1 10 5.0 1.3 7.8 12 5.8 2.8 11 2.1 4.2 52 2.1 2.4 1.6 4.2 0.8 1.6 2.1 3.5 1.1 0.5 1.8 0.5 AVG: 5.9
CORE UTIL(%): 15 6.2 19 8.2 12 55 4.1 5.7 2.5 5.3 1.8 2.0 AVG: 11
  
```

ID	GID NAME	MMIO	MMIO2	MMIO3	MSYS	MMIO4	MMIO5	%RDY	KIDLE	KIOVLP	KCSTP	MMIO6	MMIO7
56232	56232 atxlab-puppet-m	7	65.67	54.17	0.09	638.66	0.74	0.00	143.55	0.04	0.00	0.00	0.00
21740	21740 NSX_Controller_	9	32.60	35.99	0.44	854.78	0.00	0.19	361.17	0.05	0.00	0.00	0.00
334303	334303 ausngtvrops01	9	6.41	9.17	0.16	881.58	0.34	0.19	188.87	0.03	0.00	0.00	0.00
49196	49196 ausngtvrl01	9	5.11	8.25	0.14	884.27	0.38	0.24	189.86	0.03	0.00	0.00	0.00
77058332	77058332 esxtop.10128716	1	3.72	3.54	0.01	95.46	-	0.00	0.00	0.01	0.00	0.00	0.00
6400419	6400419 ausngtvrops04	9	3.22	4.55	0.05	886.11	0.20	0.18	193.32	0.01	0.00	0.00	0.00
7833	7833 hostd.34322	31	2.32	2.28	0.00	3066.36	-	0.05	0.00	0.00	0.00	0.00	0.00

What does the %RDY column represent?

- A. CPU Cycle Wait Percentage
- B. CPU Utilization
- C. CPU Ready
- D. Idle CPU Percentage



Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference <http://www.simongreaves.co.uk/esxtop-guide/>

QUESTION 2

What three shares are available when configuring a Resource Pool? (Choose three.)

- A. Custom
- B. Low
- C. Maximum
- D. Normal
- E. None

Correct Answer: ABD

Section: (none)

Explanation

Explanation/Reference:

Reference [https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.wssdk.pa.doc 50%2FPG_Chi3 Resources.15.5.html](https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.wssdk.pa.doc%2FPG_Chi3Resources.15.5.html)

QUESTION 3

A vSphere Administrator notices that a virtual machine is performing poorly, and upon investigation has observed the following:

- The guest operating system does not appear to be utilizing the resources that have been assigned to it.
- The ESXi host has many other VMs present and utilization is high.

What is the first step in troubleshooting this problem?

- A. Shut down the virtual machine and double the amount of vCPU and RAM assigned.
- B. Shut down the virtual machine and set the number of vCPU as high as possible.
- C. Migrate the virtual machine to an ESXi host with more resources available.
- D. Configure the virtual machine with CPU and Memory limits.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:**QUESTION 4**

Which of the following are valid iSCSI adapter types for vSphere? (Choose three.)

- A. Software
- B. Independent Hardware
- C. Converged Network Adapter
- D. Dependent Hardware
- E. iSCSI HBA

Correct Answer: ABD

Section: (none)

Explanation

Explanation/Reference:

Reference [https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc 50%2FGUID-7A4E3767-CB54-4E8B-9BA8-298876119465.html](https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc%2FGUID-7A4E3767-CB54-4E8B-9BA8-298876119465.html)

QUESTION 5

Which two choices would make a Virtual Machine compatible when enabling Fault Tolerance? (Choose two.)

- A. e1000e virtual network adapter
- B. 2TB +VMDK
- C. 4 Virtual CPUs (vCPU)
- D. NIC passthrough

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

A vSphere Administrator notices that they cannot login to vCenter Server with the vSphere Web Client, although the server is responding to pings. What is the next step in troubleshooting the login problem?

- A. /etc/init.d/hostd restart
- B. connect-viserver-server
- C. vim-cmd vmshvc/getallvms
- D. service-control --status vmware-vpxd



Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

Which three features can be configured during the initial creation of a cluster? (Choose three.)

- A. Proactive HA
- B. EVC
- C. DRS
- D. vSAN

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:**QUESTION 8**

What are the correct steps to migrate the storage of a virtual machine?

- A. Right-click the virtual machine and select Migrate Select change storage only
Select the format for the virtual machine's disks Select the datastore to migrate to
Select the destination network for all VM network adapters Click Finish
- B. Right-click the virtual machine and select Migrate Select change compute resource only
Select the destination host
Select the destination network for all VM network adapters Click Finish
- C. Right-click the virtual machine and select Migrate Select change both compute resources and storage
Select the destination host
Select the format for the virtual machine's disks
Select the datastore to migrate to
Select the destination network for all VM network adapters Click Finish
- D. Right-click the virtual machine and select Migrate Select Migrate virtual machine to a specific datacenter
Select the destination datacenter
Select the format for the virtual machine's disks
Select the datastore to migrate to
Select the destination network for all VM network adapters Click Finish

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference; <https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.vcenterhost.doc%2FGUID-629454B1-DCB4-4018-BB17-FB053E2473C9.html>

QUESTION 9

The Triggered Alarm on the VM shows Virtual Machine Consolidation needed status.

How would an administrator recover from this event?

- A. This must be done from the command line.
- B. The only possible method is to clone the VM.
- C. In the vSphere WebClient, open Snapshot Manager of the VM and then use the Delete all button
- D. In the vSphere WebClient select VM, right-click -> Snapshots -> Consolidate.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://communities.vmware.com/thread/498650>

QUESTION 10

What two options are available when configuring a virtual flash resource on a virtual machine? (Choose two.)

- A. Block Size
- B. Limit
- C. SCSI Controller
- D. Reservation

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:



QUESTION 11

Which two options are available when migrating a powered off VM and relocating the attached disks? (Choose two.)

- A. Thick Provision Eager Zeroed
- B. Raw Device Mapping Physical Compatibility
- C. Same format as source
- D. Raw Device Mapping Virtual Compatibility

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://kb.vmware.com/selfservice/microsites/search.do?language=en-US&cmd=displayKC&externalId=1005241>

QUESTION 12

Some of the VMs in a vSphere DRS cluster are not migrated as expected.
Which three factors can affect DRS behavior? (Choose three.)

- A. The currently configured TPS settings for the VMs.
- B. VM Overrides.
- C. DRS Aggression Levels (Migration Threshold).
- D. CPU, Memory, and Network Utilization.
- E. The currently configured Enhanced vMotion Compatibility level for the cluster.

Correct Answer: BCD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

A vSphere Administrator recently upgraded to vSphere .6.5 and wants to assign more than 4 TB of RAM to the virtual machine. What must happen first?

- A. Make sure that the user account has administrative privileges at a global level.
- B. Upgrade the Virtual Machine compatibility to version 13.
- C. Obtain an ESXi server with an Intel Skylake CPU
- D. Make sure that there are no snapshots present on the virtual machine.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

A vSphere Administrator recently introduced a new shared storage solution for the ESXi hosts. Despite good device specifications, this new storage solution is not performing well.

What are two VMware-recommended troubleshooting steps for fixing this? (Choose two.)

- A. Restart the vCenter Server.
- B. Check the VMware Hardware Compatibility List.
- C. Verify that vCenter Server is running the latest patched version.
- D. Verify that the drivers and firmware are at the recommended versions.
- E. Restart the Platform Services Controller.

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

A VM has the following configuration:

- 2 vCPU
- 4 GB RAM
- HDD1 10GB
- HDD2 20GB

A vSphere Administrator creates a snapshot of a powered off VM.

What is the maximum size of all of the snapshots that can be consumed on the datastore?

- A. 30 GB
- B. 100% of the datastore minus 512 bytes
- C. 34 GB
- D. 50% of the datastore

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:



QUESTION 16

Which two network failure detection options are available when using a vSphere Standard Switch? (Choose two.)

- A. Fixed with preferred path
- B. Dynamic
- C. Link status with Beacon probing
- D. Link status only

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

Reference: https://pubs.vmware.com/vsphere-65/index.jsp?topic=%2Fcom.vmware.vsphere.networking.doc%2FGUID_D34B1ADD-B8A7-43CD-AA7E-2832A0F7EE76.html

QUESTION 17

Which three methods can a vSphere Administrator use to automatically synchronize time on an ESXi host? (Choose two.)

- A. Log in to the VMware Host Client, navigate to Host > Manage > Time & date and click Edit settings.
- B. Select the host in the vSphere Web Client, navigate to Configure > System > Time Configuration and click the Edit button.
- C. Use the esxcli hardware clock get command in the ESXi Shell.
- D. The vicfg-ntp command.
- E. Configure the VMware Tools time synchronization.

Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

Which two options can be used for vCenter Server 6.x database availability? (Choose two.)

- A. NSX load balancer
- B. Microsoft SQL Server 2012/2014 Always On Availability Groups (AG)
- C. vCenter Server Watchdog
- D. vCenter Server Heartbeat
- E. Microsoft Windows Server Failover Clustering

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

Reference https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=1024051

QUESTION 19

What three steps are necessary to enable Jumbo Frames for use with an iSCSI storage array? (Choose three.)

- A. Configure the MTU on the physical switch.
- B. Configure the MTU on the virtual switch.

- C. Configure the MTU on the VTEP.
- D. Configure the MTU on the LAG group.
- E. Configure the MTU on the VMKernel port.

Correct Answer: BDE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

A virtual machine loses network connectivity after vMotion.

Which two troubleshooting tasks can be performed? (Choose two.)

- A. Verify virtual switch option Notify Switches is set to Yes.
- B. Ensure that Enhanced vMotion Compatibility has been configured
- C. Change the teaming policy to active/standby mode.
- D. Ensure that the virtual machine is in the proper VLAN ID.

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://kb.vmware.com/selfservice/microsites/search.do?lanauaae=en US&cmd=displayKC&externalId=I007464>

QUESTION 21

Which statement is a requirement for Storage vMotion?

- A. The source and destination VMDKs must be of the same provisioning type.
- B. The virtual machine cannot contain any raw device mappings (RDMs).
- C. Virtual disks must not be larger than 2TB.
- D. The host on which the virtual machine is running must have access to the source and target datastores.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference: