



VCP5-DV Q&A

*Hints, Links, & 50 practice questions
to help prepare for the VMware VCP5-DV exam.*

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Copyright: Paul McSharry
Published: 31st December 2012
Publisher: Technical Way Ltd

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Welcome

The VCP5-DV exam is the first certification step into the world of VMware.

In my professional life I mix technical consultancy with technical instruction. In nearly every VCP training course I have taught, someone has asked me for advice on how to study for the VCP exam and where they could get some practice questions from.



Over a period of 12 months or so I created over 100 practice questions and several handouts as added value content for my courses.

I decided to put some of it together and create this e-book as a free download on my website to serve as a VCP study resource for anyone who is interested.

I hope you find it interesting and useful.

Any comments or questions, please feel free to contact me.

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50 Exam Questions & Answers

1. In vSphere 5, VMware HA has a new HA agent called the AAM agent
 - a. True
 - b. False

2. In vSphere 5, VMware HA has no dependency on DNS
 - a. True
 - b. False

3. ESXi 5.0 has a firewall engine
 - a. True
 - b. False

4. LLDP is now supported in vSphere 5. Select the incorrect answer
 - a. LLDP is vendor neutral
 - b. LLDP is only used in distributed switches
 - c. LLDP is a cisco-specific protocol.

5. The default isolation response for VMware HA in vSphere 5 is
 - a. Leave powered on
 - b. Power Off
 - c. Restart
 - d. Migrate

6. The maximum number of vCPUs a guest machine protected by FT can be assigned is 2 in vSphere 5.X

- a. True
- b. False

7. Which of the following is not supported with Storage DRS?

- a. NFS
- b. VMware Snapshots
- c. RDMs
- d. ESXi Hosts

8. vSphere 5 now supports storage vMotion with snapshots

- a. True
- b. False

9. What port by default does the vCenter virtual appliance web interface listen on

- a. 80
- b. 5480
- c. 443
- d. 902

10. During an vSphere 4 to vSphere 5 upgrade, there will be an outage to guest virtual machines while the vCenter is being upgraded

- a. True
- b. False

11. In vSphere 5, VMware Update Manager can no longer update guest virtual machine operating systems with vendor patches.

- a. True
- b. False

12. A virtual machine has 3 GB of Ram configured, and a reservation of 2GB. What is the size of the vSwap file?

- a. 1Gb
- b. 2GB
- c. 3GB
- d. There is no vSwap file needed

13. When a virtual machine is marked as a template the .VMX file is replaced with what file?

- a. VMTX
- b. VMSD
- c. VMDK-Flat
- d. NVRAM

14. Which one of the following files contains the actual data in the guest VM?

- a. VMTX
- b. VMSD
- c. VMDK-Flat
- d. NVRAM

15. iSCSI storage uses World Wide Name addressing and provides high speed network storage for ESXi

- a. True
- b. False

16. vSphere 5 supports NFS v4

- a. True
- b. False

17. To ensure encryption when using iSCSI, CHAP can be configured to protect the data

- a. True
- b. False

18. The vCenter virtual appliance supports Microsoft SQL as a backend database

- a. True
- b. False

19. Which of the following cannot use VMFS v5?

- a. FC
- b. iSCSI
- c. NFS
- d. Local Storage

20. You have a vSphere platform. As part of the upgrade process you would like to upgrade VMFS data stores from v4 to v5. Can this be done with no outage and without moving the Guest VMs?

- a. Yes
- b. No

21. You created a 2TB LUN, and formatted a VMFS-3 datastore to 1TB. How many times can you grow the datastore?

- a. As many times until 2TB
- b. Up to 32 times in total
- c. You cannot grow it, only extend it using another LUN

22. Due to the site replication bandwidth available, A vSphere 5 cluster has been configured so that the swap file of each virtual machine is configured to be local to the hosts. Will this prevent DRS from working correctly?

- a. Yes
- b. No

23. Esxi 5 is a image based installation

- a. True
- b. False

24. A hardware dependent iSCSI initiator can boot from San

- a. True
- b. False

25. Which function key is used to customize options in the ESXi DCUI

- a. F12
- b. F2
- c. F8
- d. F6

26. Which of the following load balancing policies requires all physical network cards to be set to active in the team?

- a. Port ID
- b. IP Hash
- c. Source Client MAC address

27. When using private vlans, all configuration is carried out at the virtual switch

- a. True
- b. False

28. Which Version of the vCenter is required for use with A SQL backend database?

- a. Windows
- b. VCSA

29. What is the embedded database in the VCSA?

- a. DB2
- b. Oracle
- c. Access
- d. There is no database embedded, an odbc connect must be created.

30. The vSphere web client in vSphere 5.0 can use plugins

- a. True
- b. False

31. The vCenter dependency has been removed from the HA VM monitoring function in vSphere 5?

- a. True
- b. False

32. A VM with a high CPU ready value has high amounts of CPU time available to its processor(s)

- a. True
- b. False

33. When using vCenter heartbeat one of the vCenter nodes must be virtual

- a. True
- b. False

34. The VCSA is an appliance based installation of vCenter. Its operating system is Microsoft Windows, but pre-installed for ease of deployment.

- a. True
- b. False

35. ESXi 5 can use a RDM with NFS v3

- a. True
- b. False

36. A guest VM with a RDM mounted, cannot be migrated using VMotion

- a. True
- b. False

37. What admission control policy is best suited for guest VMS of varied memory and CPU requirements

- a. Host failures the cluster tolerates
- b. Percentage of cluster reserved
- c. Failover Host

38. If there are no reservations in a cluster, what is the default CPU assignment in slot size

- a. 32 MHz
- b. 64 MHz
- c. 132 MHz
- d. 164 MHz

39. What is the keystroke on the DCUI to reboot the machine

- a. F2
- b. F3
- c. F12
- d. F9

40. The VMware log collector is installed on the

- a. Host
- b. vCenter or another Windows guest virtual machine
- c. VCSA
- d. vMA

41. Memory shares are only considered at contention

- a. True
- b. False

42. RESXTOP is a performance monitoring tool, it shows

- a. Per Host information
- b. Cluster wide information

43. Thin provisioned virtual disks can only be used with VMs that are not protected by fault tolerance.

- a. True
- b. False

44. The powershell cmd-let "Test-DeployRuleSetCompliance" is used in what vSphere 5 feature?

- a. Storage DRS
- b. Auto-Deploy
- c. Profile-driven storage

45. Which of the following functions cease to work by the loss of vCenter

- a. Just DRS
- b. DRS & HA
- c. Just HA
- d. Non, vCenter is for management only

46. Which tool below is used to protect the vCenter in case of an outage without an outage?

- a. vCenter Heartbeat
- b. Site Recovery Manager
- c. VMware HA
- d. VMware vMotion

47. A guest Virtual machine is configured with 4GB memory. It has been limited to 2 Gb memory and has no configured reservation. At power on the size of the swap file is

- a. 2GB
- b. 1GB
- c. 0GB
- d. 4GB

48. Active overcommitment occurs when the amount of request resources exceeds the amount of available resources from the host machines

- a. True
- b. False

49. In a new project solution, the requirement states that CHAP must be used with iScSi storage. This configuration requires which type of iScSI initiator?

- a. Software
- b. Hardware-dependent
- c. Hardware-independent
- d. Any type of hardware version

50. To temporarily disable DRS in a fully automated DRS cluster while a maintenance task is being carried out, which of the following will cause the least amount of impact?

- a. Change DRS mode to manual
- b. Disable DRS

Answer Key

1	B	22	B	43	A
2	A	23	A	44	B
3	A	24	B	45	A
4	A	25	B	46	A
5	A	26	B	47	D
6	B	27	B	48	A
7	D	28	A	49	A
8	A	29	A	50	A
9	B	30	B		
10	B	31	A		
11	A	32	B		
12	A	33	B		
13	A	34	B		
14	C	35	B		
15	B	36	B		
16	B	37	B		
17	B	38	A		
18	B	39	C		
19	C	40	B		
20	A	41	A		
21	A	42	A		

Exam Tips

- Download the latest version of the VCP5-DV blueprint from VMware.com
- Study the exam blueprint – you won't be surprised if you tick off each objective. Functionality such as host profiles, distributed switches, and auto deploy are not covered as specific modules in the ICM course, but are covered as objectives for the VCP exam.
- Know the differences between the vSphere 4 and 5 technologies
- Know the upgrade process – what order to upgrade things. How to upgrade each component
- Troubleshooting techniques. What to look for when using tools such as resxtop, storage and performance graphs
- Build your own vLab and practice, practice, practice.

Recommended Links

Notes and reference materials

- vReference Cards & diagrams and great VCP5 Notes : <http://www.vreference.com/>
- vBrownbags- Free Training Videos - <http://professionalvmware.com/brownbags/>
- Scott Vessey's Website - Lots of hints here : <http://vmwaretraining.blogspot.co.uk/>
- The best information on VMware HA & DRS : <http://www.yellow-bricks.com/>
- TheSaffaGeek - VCP List : <http://thesaffageek.co.uk/vsphere-5-study-resources/vcp5/>

Home Lab Info

- How to create your own home lab free ebook : <http://www.vladan.fr/>
- Looking to build your own lab - Top Deals listed - <http://www.techhead.co.uk/hot-deals>

Free Online Practice Questions

- ElasticSky Questions : <http://www.elasticsky.co.uk/practice-questions/>
- Simon Long's Questions : <http://www.simonlong.co.uk/blog/vcp5-practice-exams/>

VMware News & Links

- VMware News - <http://www.ntpro.nl/blog/>
- All the top site links in one place : <http://vsphere-land.com/>



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