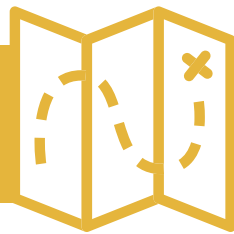


STUDY PLAN



VMware vSphere 6 VCP-DCV

Total Videos: **58** Time: **13 hrs**

VMware Certified Professional 6 Data Center Virtualization (VCP6-DCV)

The [VMware Certified Professional 6 - Data Center Virtualization \(VCP6-DCV\)](#) certification is designed to ensure that learners have the skills required to successfully install, deploy, scale, and manage VMware vSphere 6 environments. The VCP6-DCV is made up of two exams: [vSphere 6 Foundations exam \(2V0-620\)](#) and the [VMware Certified Professional 6 - Data Center Virtualization exam \(VCP6-DCV\)](#). CBT Nuggets training currently covers just the professional-level exam ([VCP6-DCV](#)).

The VCP6-DCV certification is a professional-level certification, which is considered intermediate level. Therefore, it is recommended that learners have a basic understanding of virtualization concepts, experience working with VMware Workstation, familiarity with Windows Server 2012 and IP networking, and six months of experience working with vSphere 6.

Exam Eligibility

It is important to note that the VCP6-DCV is a VMware Certified Professional-level certification, and as such, learners must pass the [vSphere 6 Foundations exam](#). In addition, **learners must attend an official VMware course in order to be authorized to sit for an exam.**

Exam Details

As noted above, to qualify for the VCP6-DCV exam, learners must complete an official and approved VMware course.

VCP6-DCV (exam number 2V0-621)

Time allotted for exam: 100 minutes

Number of questions: 85

Passing score: 300

Question types: Single and multiple choice

Exam registration: [Request Exam Authorization](#) through VMware*

Or [Pearson VUE](#)

*Learners must create an account with VMware in order to request exam authorization.

Exam cost: \$225 (USD)

Exam topics: [VMware Certified Professional 6 – Data Center Virtualization \(exam number 2V0-621\)](#) (free resource)

Roadmap to Success: VMware VCP6-DCV

Learn more about the VMware VCP6-DCV certification from the CBT Nuggets blog. The Roadmap to Success is a [series of blog posts](#) designed to help learners better understand certification pathways, career opportunities associated with those certifications, and next steps beyond certification. The above content is an excerpt from the [Roadmap to Success: VCP6-DCV](#) to help you conquer your VCP6-DCV study plan!

STUDY STRATEGIES

Learners use a great variety of strategies to attack their training. Here are some options you can choose from to get the most out of your training experience:

Proceed through all CBT Nuggets video training on double-speed to develop a strong overview of the material; Then proceed through all the training for a second time, taking good notes and focusing on deeper learning.

OR

Proceed through all CBT Nuggets video training, taking good notes and focusing on deep learning on the first pass; Then proceed back through all training a second time, using double-speed when appropriate.

Supplement all video training with book study and practical application of knowledge.

Develop a test environment where new skills can be practiced.

Learn more about how to get all you can out of your practice exam experience from a quick video by Keith Barker



PRACTICE EXAM STRATEGIES

CBT Nuggets offers practice exams as part of your subscription. You can take the practice exams as many times - and as often - as you like! Here are some tips to help you take full advantage of this excellent resource:

! PLAN TO TAKE THE PRACTICE EXAM 3 TIMES

FIRST EXAM

Create a baseline against which you can measure your progress with future exams.

Identify areas of weakness in order to direct your training as you move forward.

SECOND EXAM

Measure your progress since your first practice exam! Ask yourself: Are you retaining the information and material you learned at the beginning of your training? Are there areas to which you should return now to ensure your understanding before moving forward?

The results from your second practice exam experience should help you identify areas where you may need to spend extra effort and energy in the training ahead.

THIRD EXAM

Measure your progress against your first two practice exams! Ask yourself: Are you scoring 90% by now? If so, you might be ready for the real thing!

Allow the results from your practice exam to direct your review ahead of your certification exam. Ask yourself: Are you retaining all the material? And are you understanding it well?

KEY

18. Snapshots

14 min.

The duration of the video.

The number and title for each video corresponds to the number and title you will find on the VMware vSphere 6 VCP-DCV course page online (and on your mobile device).

EXTRA MILE

The Extra Mile section of your study plan challenges you to dig a little deeper with your training. The Extra Mile might be a textbook recommendation, supplemental materials downloads, or other resources to help you take your training to the next level. Nothing in the Extra Mile is required, but it is here to help you learn.

VMware vSphere 6 (VCP-DCV)

WEEK 1

1. Welcome to VMware vSphere 6

3 min.

2. What is Hypervisor?

9 min.

3. What is vSphere?

14 min.

4. Lab Design and Preparation

16 min.

5. ESXi as a Lab VM

16 min.

6. ESXi Initial Configuration

12 min.

7. AD, DNS, and Other Services

13 min.

EXTRA MILE

Explore the [VMware website](#) to learn more about the VCP6-DCV exam, its requirements, and available resources.

[Download the NuggetLab](#) files/materials that supplement your video training.

Consider purchasing a textbook to supplement your training! Here are a couple of options:

- [VCP6-DCV Official Cert Guide \(Exam #2V0-261\)](#)
- [VCP6-DCV: VMware Certified Professional-Data Center Virtualization on vSphere 6 Study Guide: 2V0-261](#)

WEEK 2

8. vSphere Windows Client

14 min.

9. vCenter Options

9 min.

10. Deploying the vCSA

16 min.

11. vCSA Hacked to Run on Workstation

16 min.

12. Add EXSi Hosts to vCSA

16 min.

13. Datastores

14 min.

14. Deploying a VM in vSphere

17 min.

EXTRA MILE

Review the [exam blueprint](#) for the VCP6-DCV exam. (Consider printing out the exam objectives to help guide your future study.)

Start creating flashcards to help you study throughout your training experience. Or, consider using online study resources such as [Quizlet.com](#).

"I learned the value of hard work by working hard."

- Margaret Mead

WEEK 3

15. Install VMware Tools

12 min.

16. Using VM Templates

10 min.

17. OVA and OVF

16 min.

18. Snapshots

14 min.

19. Introduction to vSphere Networking

12 min.

20. Create a Virtual Switch

13 min.

21. Freesco Router VM

16 min.

EXTRA MILE

Review Daniel Mizrahi's [How to Prepare for Your VCP6 Exam](#) post on the [VMware Blog](#).

Join the [CBT Nuggets Learner Community](#) on Slack! Join other CBT Nuggets learners in a community where you can post questions, share study resources, and connect with IT experts from all over the world.

*Please allow 48 hours for your request to join the community to be processed.

WEEK 4

22. iSCSI Concepts

10 min.

23. iSCSI Target Using Windows

6 min.

24. Add an iSCSI Datastore

14 min.

25. iSCSI Multipath

14 min.

26. Create NFS Datastores

13 min.

27. vMotion

16 min.

28. Using DRS

15 min.

EXTRA MILE

Consider using Veeam's free [VCP6-DCV Study Guide](#) to assist in your training.

Take the Practice Exams! CBT Nuggets partners with Kaplan to use Transcender® Practice Exams, but since Kaplan has not yet released practice exams for the VCP6-DCV, consider using other practice exam resources until Transcender® is available:
[Elastic Sky Practice Questions](#) www.vcp6-dcv.com [Quizlet.com](#)

*Keep in mind that you've not completed the training yet so you probably won't ace the exam. This helps you assess how well you are retaining the material you've learned so far!

WEEK 5

29. Distributed Switch Concepts

4 min.

30. Implement a Distributed Switch

18 min.

31. Networking Policy Concepts (Standard Switch)

17 min.

32. Using Standard vSwitch Policies

18 min.

33. Migrate VMK Port to VDS

14 min.

34. Distributed Switch Features

11 min.

35. Increasing a Datastore

6 min.

EXTRA MILE

Explore [VMware's Product Walkthroughs](#) for step-by-step overviews of various features to help ensure your understanding of VMware's products.

Start labbing it up! Explore [VMware's Hands On Labs](#) (HOL). Spend as much time as you can getting real experience with VMware products to practice what you learn.

WEEK 6

36. Using vAPPS

16 min.

37. CPU and Memory Control Concepts

16 min.

38. Implement Reservations and Limits

16 min.

39. Resource Pool Concepts

15 min.

40. Using Resource Pools

14 min.

41. Using Storage DRS

15 min.

42. High Availability (HA)

14 min.

EXTRA MILE

Explore [Rob Schmidt's VMware VCP Study Questions](#) on the Petri IT Knowledgebase Forum.

Book your official VMware [VCP6-DCV training experience!](#) Choose either a classroom experience or live online training to qualify to take the VCP6-DCV certification exam.

WEEK 7

43. VM Fault Tolerance (FT)

13 min.

44. Storage Policy Concepts

11 min.

45. Applying VM Storage Policies

9 min.

46. Virtual SAN (VSAN)

17 min.

47. Add LDAP to SSO

10 min.

48. vSphere Authorization

12 min.

49. vSphere Alarms and Alerts

11 min.

EXTRA MILE

Explore the [VMware Community Forum](#) for relevant information and news for your certification.

Retake the Practice Exams! Use the results to drive your review and practice*. [Elastic Sky Practice Questions](#) www.vcp6-dcv.com Quizlet.com

*Keep in mind that you still haven't completed your training! Taking the exam at this stage is to help you measure your progress and identify topics you may need to revisit in order to master them.

WEEK 8

50. Affinity Concepts

5 min.

51. Using Affinity Rules

14 min.

52. Customization Specifications

11 min.

53. Content Libraries

9 min.

54. Additional Products and Features

16 min.

55. Additional Fishing Tools

9 min.

EXTRA MILE

Explore the [VMware blogs](#) for materials that may aid your learning.

Practice, practice, practice! Get back into your [Hands On Labs from VMware](#) to ensure your success!

"No one succeeds without effort. Those who succeed owe their success to perseverance."

- Ramana Maharshi

WEEK 9

56. ESXi Host Security

21 min.

57. Managing Conflicts

17 min.

58. The Parka Principle

5 min.

CRAM SESSIONS!

Review training Nuggets where you might need to brush up! (6-8 hours)

EXTRA MILE

Revisit your flashcards and get some good practice ahead of your exam.

Retake the Practice Exams! Use the results to drive your review and practice*. [Elastic Sky Practice Questions](#) www.vcp6-dcv.com [Quizlet.com](#)

*Keep in mind that you still haven't completed your training! Taking the exam at this stage is to help you measure your progress and identify topics you may need to revisit in order to master them.

CRAM SESSIONS!

Review training Nuggets where you might need to brush up! (6-8 hours)

Be sure to get a good night's sleep before your exam!



THE BIG DAY!

- ◆ Take the exam.

Brag about it! Tweet us or let us know how your exam went and what you're doing to celebrate your success!