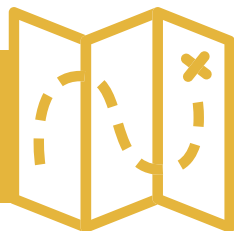


STUDY PLAN



CompTIA

NETWORK+

N10-006

in



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:

Get the big picture first: 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.

Create the big picture, one piece at a time: 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.

The goal here is 10 minutes per day - but follow your curiosity and momentum! If you're on a roll, don't limit your training!

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 a premium subscription. Premium subscribers can take the practice exams as many times as they'd like! If you're a premium subscriber, or otherwise have access to practice exams, 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. Static and Default Routes

7 min.

28

This number represents the day you're on in your journey to your Network+

The number and title for each video corresponds to the number and title you will find on the Network+ course page online (and on your mobile device). The titles are active links, taking you directly to the day's video Nugget.

The duration of time you should spend training on this video. Some longer videos are broken into smaller chunks over multiple days.

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.

WEEK 1

1

1. Welcome
2. Describe Routers and Switches

9 min.

2

2. Describe Routers and Switches (continued)

8 min.

3

3. Describe Firewalls and Load Balancers

9 min.

4

4. Describe IDS, IPS, and HIDS

6 min.

5

5. Describe Modems, Hubs, and VPN Concentrators

9 min.

6

6. Describe Packet Shapers, Content Filters, and APs

10 min.

7

7. DHCP Concepts

8 min.

EXTRA MILE

Consider purchasing an [exam preparation book](#) to further supplement your training. (There are lots of good ones, so choose the one you feel will best meet your unique needs!)

Download CBT Nuggets apps to your various devices so you can have your training with you when you're on the go!
[Download the NuggetLab](#) files/materials that supplement the video training.

WEEK 2

8

8. DHCP Configuration

7 min.

PRACTICE EXAM
Take some time off from training in order to make time for your first practice exam experience!

9 - 12

13

8. DHCP Configuration (continued)

8 min.

14

9. DNS Concepts

6 min.

EXTRA MILE

Keep in mind that you've just started the training so you probably won't ace the exam. This is just to establish a benchmark for future practice exam performance.

Use the practice exam results to drive your ongoing study.
[Transcender CompTIA Cert - N10-006](#)

"The results you achieve will be in direct proportion to the effort you apply."
- Denis Waitley

WEEK 3

15
9. DNS Concepts (continued)

6 min.

16
10. Configure and Verify DNS

10 min.

17
10. Configure and Verify DNS (continued)

9 min.

18
11. A Tale of Two Kings

9 min.

19
12. The OSI Revealed

11 min.

20
12. The OSI Revealed (continued)

11 min.

21
13. How ARP is Used

11 min.

EXTRA MILE

Obtain and review the [CompTIA Network+ exam objectives](#).

Gather support for your training by sharing your training goals with friends, family, and colleagues.

"The price of success is hard work, dedication to the job at hand, and the determination that whether we win or lose, we have applied the best of ourselves to the task at hand." - **Vince Lombardi**

WEEK 4

22
14. IPv4 Addressing and Subnetting

4 min.

23
15. IPv4 Review

10 min.

24
16. NAT

9 min.

25
16. NAT (continued)

9 min.

26
17. Configure IPv4 Addressing

7 min.

27
17. Configure IPv4 Addressing (continued)

7 min.

28
18. Static and Default Routes

7 min.

EXTRA MILE

Explore the [CompTIA website](#) to learn more about the Network+ exam, its requirements, and available resources.

Optional supplemental learning: [IPv4 Subnetting course](#) with Keith Barker

"Learning is not attained by chance, it must be sought for with ardor and diligence." - **Abigail Adams**

WEEK 5

29
18. Static and Default Routes (continued)

7 min.

30
19. Dynamic IP Routing

10 min.

31
20. Well-Known Ports

10 min.

32
20. Well-Known Ports (continued)

10 min.

33
20. Well-Known Ports (continued)

5 min.

34
21. Packet / Network Analyzer

9 min.

35
22. Hammer Game

11 min.

EXTRA MILE

Create flashcards to aid in your learning. Or, use flashcard services out there like [quizlet.com](#) to ensure you are getting all that you can out of your training!

Explore the Comments feature on the CBT Nuggets website. Challenge yourself to post at least 2 comments/questions about your training for each video Nugget you watch!

"I learned the value of hard work by working hard." - **Margaret Mead**

WEEK 6

36
23. Using VLANs for Isolation
10 min.

37
23. Using VLANs for Isolation (continued)
10 min.

38
24. 802.1Q Trunking Concepts
10 min.

39
25. Implementing Trunking
8 min.

40
26. STP
8 min.

41
26. STP (continued)
7 min.

42
27. Switch Management Concepts
10 min.

EXTRA MILE

Join the [CBT Nuggets Learners 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.

"I am always doing that which I cannot do, in order that I may learn how to do it."
- Pablo Picasso

WEEK 7

43
27. Switch Management Concepts (continued)
10 min.

44
27. Switch Management Concepts (continued)
6 min.

45
28. Port Bonding (LACP)
6 min.

46
28. Port Bonding (LACP) (continued)
6 min.

47
29. Port Mirroring
7 min.

48
30. Implementing Switch Management
10 min.

49
30. Implementing Switch Management (continued)
9 min.

EXTRA MILE

Try to get some practice using the skills you're learning!

Work through your flashcards!

"I have learned, that if one advances confidently in the direction of his dreams, and endeavors to live the life he has imagined, he will meet with a success unexpected in common hours." - Henry David Thoreau

WEEK 8

50
31. WiFi Wireless LAN Concepts
13 min.

51
31. WiFi Wireless LAN Concepts (continued)
13 min.

52
32. Implementing an AP
8 min.

53
32. Implementing an AP (continued)
8 min.

54
33. UTP Cabling
11 min.

55
33. UTP Cabling (continued)
10 min.

56
34. Ethernet Standards
12 min.

EXTRA MILE

Practice, practice, practice!

"Effort only fully releases its reward after a person refuses to quit."
- Napoleon Hill

WEEK 9

57

34. Ethernet Standards (continued)

11 min.

58

35. Troubleshooting Methodology

11 min.

59

36. Troubleshooting Copper Cable

8 min.

60

36. Troubleshooting Copper Cable (continued)

7 min.

61

37. Troubleshooting Fiber Cable

6 min.

62

38. CLI Tools for Troubleshooting

10 min.

63

38. CLI Tools for Troubleshooting (continued)

9 min.

EXTRA MILE

Work those flashcards!

"Ambition is the path to success, persistence is the vehicle you arrive in."
- William Eardley IV

WEEK 10

64

39. Troubleshooting Tools

10 min.

PRACTICE EXAM
Take some time off from training in order to make time for a practice exam experience!

65 - 68

69

39. Troubleshooting Tools (continued)

6 min.

70

40. Troubleshooting Wireless

10 min.

EXTRA MILE

Visit the [CBT Nuggets blog](#) to learn more about how to get the most out of your practice exam experience!

Retake the Practice Exams! Use the results to drive your ongoing study. [Transcender CompTIA Cert - N10-006](#)

"Curiosity is the wick in the candle of learning."
- William Arthur Ward

WEEK 11

71

40. Troubleshooting Wireless (continued)

9 min.

72

41. Troubleshooting Common Network Problems

11 min.

73

41. Troubleshooting Common Network Problems (continued)

11 min.

74

41. Troubleshooting Common Network Problems (continued)

11 min.

75

42. Intro to Wide Area Networks

10 min.

76

42. Intro to Wide Area Networks (continued)

5 min.

77

43. WAN Technologies

10 min.

EXTRA MILE

[Schedule your certification exam](#) with an approved testing site.

Flashcards + practice = success!

"A winning effort begins with preparation."
- Joe Gibbs

WEEK 12

78

43. WAN Technologies (continued)

10 min.

79

44. VPNs

10 min.

80

44. VPNs (continued)

9 min.

81

45. Virtualization

7 min.

82

45. Virtualization (continued)

6 min.

83

46. Network Based Storage

10 min.

84

47. IPv6

6 min.

EXTRA MILE

Optional supplemental learning:
[IPv6 course with Keith Barker](#)

This supplemental course is long! Keep in mind that you don't have to master all things IPv6 for your exam but you can choose a few Nuggets to deepen your learning.

"Concentration and mental toughness are the margins of victory."
 - Bill Russell

WEEK 13

85

48. Fault Tolerant Default Gateways

7 min.

86

48. Fault Tolerant Default Gateways (continued)

7 min.

87

49. Considering Network Requirements

7 min.

88

50. Physical Security Controls

5 min.

89

51. Power Management

8 min.

90

52. Network Topologies

8 min.

91

52. Network Topologies (continued)

7 min.

EXTRA MILE

Practice makes perfect! So practice, practice, practice!

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

WEEK 14

92

53. Network Isolation

6 min.

93

53. Network Isolation (continued)

6 min.

94

54. Unified Communications

8 min.

95

54. Unified Communications (continued)

7 min.

96

55. Monitoring Tools

7 min.

97

55. Monitoring Tools (continued)

7 min.

98

56. Routing Metrics

9 min.

EXTRA MILE

Your grade school teacher had some things right, like flashcards! Work those cards!

"To be prepared is half the victory."
 - Miguel de Cervantes

WEEK 15

99

57. Interface Monitoring

6 min.

100

58. Cables, Connectors and Tools

8 min.

101

58. Cables, Connectors and Tools (continued)

7 min.

102

59. Network Infrastructures

8 min.

103

60. Cloud Services

9 min.

104

61. Using a Baseline

7 min.

105

62. Configuration Management

9 min.

EXTRA MILE

Guard against a loss of momentum by making a conscious choice to believe your goal is within reach! Talk with your friends, colleagues, co-workers, and family about your goal. Realize how far you've already come in your training journey in order to get re-energized.

"There are no secrets to success. It is the result of preparation, hard work, and learning from failure."
- Colin Powell

WEEK 16

106

63. Applying Updates and Patches

5 min.

107

64. Managing Risk

7 min.

108

65. Denial of Service Attacks

7 min.

109

65. Denial of Service Attacks (continued)

7 min.

110

66. Threats to Wireless

8 min.

111

67. Threats and Vulnerabilities

7 min.

112

67. Threats and Vulnerabilities (continued)

7 min.

EXTRA MILE

When was the last time you posted a comment/question to the CBT Nuggets website comments section for your training? Post away!

"Without continual growth and progress, such words as improvement, achievement, and success have no meaning."
- Benjamin Franklin

WEEK 17

113

68. Switch Port Security

9 min.

114

69. Network Hardening Techniques

7 min.

115

69. Network Hardening Techniques (continued)

6 min.

116

70. Firewall Features

10 min.

117

70. Firewall Features (continued)

10 min.

118

71. Network Access Control Models

5 min.

119

72. Computer Forensics

4 min.

EXTRA MILE

What's your reward? You're getting close now, so develop a healthy sense of anticipation for your success on the exam by planning what you will do to celebrate when you pass!

"Develop a passion for learning. If you do, you will never cease to grow."
- Anthony J. D'Angelo

120

73. Common Security Issues

9 min.

121

73. Common Security Issues (continued)

8 min.

122

74. WAN Troubleshooting

10 min.

123

74. WAN Troubleshooting (continued)

9 min.

124

75. Policies, Procedures, and Safety

9 min.

125

76. Change Control

5 min.

126

77. Racks, Labels, and More

6 min.

Learn [what to expect](#) on your exam from our very own Keith Barker: You need to earn 720 to pass the exam. You will have a maximum of 90 minutes to complete your exam.

"Continuous, unflagging effort, persistence and determination will win. Let not the man be discouraged who has these."
- James Whitcomb Riley

Retake the Practice Exams!

[Transcender CompTIA Cert - N10-006](#)

As a general rule of thumb, you'll know you're ready for the big day when you're scoring around 90% on your practice exams.

CRAM SESSIONS!

Brush up on any areas where you could use some additional study, based on the results of your latest practice exams.

127 - 133

Work through the logistics of The Big Day! Know how to get there. Make a test run if you're unfamiliar with the area.

Be prepared for parking. Will you have to pay for parking? Have the change you need or plan accordingly.

Leave your gadgets at home. Most testing centers will not allow mobile phones, watches, etc., so leave those at home.

TAKE THE CERTIFICATION EXAM!

THE BIG DAY!



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