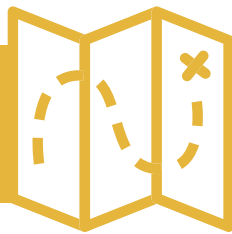# STUDY PLAN

Cisco CCNP Routing/Switching 300-135 TSHOOT

Total Videos: **40**   Time: **9 hrs**

CBTnuggets

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.

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?

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

Cisco CCNP Routing/Switching 300-135 TSHOOT

WEEK 1				
1. Welcome to TSHOOT: Course Overview *7 min.*	**2. Foundations:** Cultivating a Troubleshooting Mindset *17 min.*	**3. Foundations:** Troubleshooting Methods *16 min.*	**4. Foundations:** Preventing Troubleshooting with Proactive Network Maintenance *17 min.*	
5. Foundations: Building a Troubleshooting Laptop *16 min.*	**6. Foundations:** Built-in IOS Troubleshooting Tools *23 min.*	**7. Foundations:** Switchport Monitoring with SPAN and RSPAN *5 min.*	**8. Foundations:** Switch Performance Troubleshooting *20 min.*	

EXTRA MILE

Explore the Cisco website to learn more about the
CCNP exam, its requirements, and available resources.

Download and review exam topics and details.

Consider purchasing a textbook to supplement your training!
Here are some options to consider:
• CCNP Routing and Switching TSHOOT 300-135 Official Cert Guide
• CCNP TSHOOT Lab Manual

Consider practicing your skills by taking advantage of an online
lab like Boson.com. Or jump into the CBT Nuggets Hands-on Exam
Prep course (see guide at end of this plan).

WEEK 2

9. Foundations: Router Performance Troubleshooting

16 min.

10. Switch: Troubleshooting Trunks and VTP

12 min.

11. Switch: Troubleshooting VLANs

22 min.

12. Switch: Troubleshooting Spanning Tree Protocol

19 min.

13. Switch: Troubleshooting SVIs and Routed Ports

12 min.

14. Switch: Troubleshooting L2 and L3 Etherchannel

20 min.

15. Switch: Troubleshooting HSRP, VRRP, GLBP

21 min.

16. Switch: Troubleshooting Port Security

7 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.

Watch the MicroNugget: Building a CCNP Home Lab on the CBT Nuggets Youtube channel.

I learned the value of hard work by working hard.

– Margaret Mead

WEEK 3

17. Switch: Troubleshooting Spoofing Security Features

8 min.

18. Switch: Troubleshooting Private VLANs

9 min.

19. Route: Troubleshooting IPv4 Addressing and DHCP

12 min.

20. Route: Troubleshooting NAT

12 min.

21. Route: Troubleshooting IPv6 Addressing

17 min.

22. Route: Troubleshooting IPv4 Access Lists

13 min.

23. Route: Troubleshooting IPv6 Access Lists

9 min.

24. Route: Troubleshooting Prefix Lists

9 min.

EXTRA MILE

Spend quality time getting familiar with (maybe even memorizing!) the Cisco TSHOOT topology to help ensure your success.

Schedule your certification exam with an approved testing site.

Optional supplemental learning:
• CBT Nuggets IPv4 Subnetting course
• CBT Nuggets IPv6 course

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

– Colin Powell

WEEK 4

25. Route: Troubleshooting Static Routes and GRE Tunnels

17 min.

26. Route: Troubleshooting RIPv2

10 min.

27. Route: Troubleshooting RIPng

9 min.

28. Route: Troubleshooting EIGRP

18 min.

29. Route: Troubleshooting EIGRPv6

8 min.

30. Route: Troubleshooting OSPF

19 min.

31. Route: Troubleshooting OSPFv3

10 min.

32. Route: Troubleshooting Route Maps and PBR

16 min.

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

– Benjamin Franklin

WEEK 5

33. Route: Troubleshooting Route Redistribution

13 min.

34. Route: Troubleshooting BGP Neighbor Adjacencies

13 min.

35. Route: Troubleshooting BGP Routes

13 min.

36. Management: Troubleshooting Syslog, SNMP, and NTP

8 min.

37. Management: Troubleshooting IP SLA, SPAN, and RSPAN

19 min.

38. Management: Troubleshooting Telnet and SSH

6 min.

39. Management: Troubleshooting AAA

7 min.

40. Espresso Roasting and Other Exam Study Tactics

7 min.

"It is what we know already that often prevents us from learning."

– Claude Bernard

Cisco CCNP TSHOOT 300-135 Hands-on Labs Exam Prep

WEEK 6

1. Introduction and Challenge	2. Install the VM	3. Getting to Know the Topology	4. Ticket No. 1 Scenario	5. Ticket No. 1 Solution	6. Ticket No. 2 Scenario	7. Ticket No. 2 Solution
7 min.	15 min.	15 min.	13 min.	14 min.	2 min.	23 min.

8. Ticket No. 3 Scenario	9. Ticket No. 3 Solution	**EXTRA MILE**		
2 min.	13 min.			

EXTRA MILE

Download NuggetLab files/materials that supplement the video training.

Revisit the Cisco TSHOOT topology ahead of your exam.

Practice, practice, practice!

"Ambition is the path to success, persistence is the vehicle you arrive in."

– William Eardley IV

WEEK 7

10. Ticket No. 4 Scenario	11. Ticket No. 4 Solution	12. Ticket No. 5 Scenario	13. Ticket No. 5 Solution	14. Tickets No. 6 - 10 Scenarios	15. Ticket No. 6 Solution	16. Ticket No. 7 Solution
1 min.	10 min.	2 min.	7 min.	1 min.	8 min.	14 min.

17. Ticket No. 8 Solution	18. Ticket No. 9 Solution	19. Ticket No. 10 Solution	**EXTRA MILE**		
13 min.	6 min.	5 min.			

EXTRA MILE

Practice makes perfect! Especially in IT training!

"Practice does not make perfect. Only perfect practice makes perfect."

– William Pollard

WEEK 8

20. Tickets No. 11 - 16 Scenarios	21. Ticket No. 11 Solution	22. Ticket No. 12 Solution	23. Ticket No. 13 Solution	24. Ticket No. 14 Solution	25. Ticket No. 15 Solution	26. Ticket No. 16 Solution
2 min.	13 min.	6 min.	9 min.	12 min.	4 min.	8 min.

EXTRA MILE

Make sure you're getting lots of hands-on practice and understanding the concepts behind your solutions!

"Learning and innovation go hand in hand. The arrogance of success is to think that what you did yesterday will be sufficient for tomorrow."

– William Pollard

WEEK 9

27. Tickets No. 17 - 18 Scenarios	28. Ticket No. 17 Solution	29. Ticket No. 18 Solution	30. IPsec and GRE	31. Bonus Challenge No. 1 Scenario	32. Bonus Challenge No. 1 Solution	33. Bonus Challenge No. 2 Scenario
2 min.	9 min.	5 min.	19 min.	2 min.	11 min.	1 min.

34. Bonus Challenge No. 2 Solution

13 min.

EXTRA MILE

Take some time to think about what processes and logic have led to your successful troubleshooting efforts. Apply those to your next attempts at troubleshooting to replicate your success!

"Ask yourself the secret of your success. Listen to your answer, and practice it."

– Richard Bach

THE BIG DAY!

Take the exam.

Get a good night's sleep ahead of your exam!

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

Develop a passion for learning. If you do, you will never cease to grow.

– Anthony J. D'Angelo