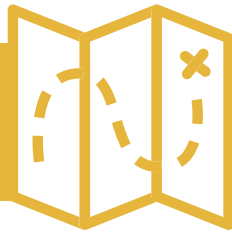


# STUDY PLAN



## Cisco CCNP Routing/Switching 300-115 SWITCH

Total Videos: **41**    Time: **10 hrs**

## 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

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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

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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

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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

**7. CORE:**

Managing Power over Ethernet

7 min.

The number and title for each video corresponds to the number and title you will find on the Cisco CCNP Routing/Switching 300-115 SWITCH and Cisco CCNP SWITCH 300-115 Hands-on Labs Exam Prep course page online (and on your mobile device).

The duration of the video.

**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.

## Cisco CCNP Routing/Switching 300-115 SWITCH

WEEK 1

**1. Welcome:**

Course Overview and Cisco Certification

15 min.

**2. CORE:**

The Switch Design Big Picture

12 min.

**3. CORE:**

CAM, TCAM, and SDM Templates

15 min.

**4. CORE:**

CDP AND LLDP

11 min.

**5. CORE:**

Understanding Interface Counters

13 min.

**6. CORE:**

Handling Err-Disabled Ports

5 min.

**7. CORE:**

Managing Power over Ethernet

7 min.

**8. VLAN:**

Switch Network Design – Old and New

19 min.

**EXTRA MILE**

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

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

Consider purchasing a textbook to supplement your training.

[CCNP Routing and Switching SWITCH 300-115 Official Cert Guide](#)

[CCNP SWITCH Lab Manual](#)

WEEK 2

**9. VLAN:**

Typical VLAN Scenarios

12 min.

**10. VLAN:**

All things VTP

15 min.

**11. VLAN:**

Trunking in Depth

22 min.

**12. VLAN:**

Handling DHCP

14 min.

**13. STP:**

Back to the Core

17 min.

**14. STP:**

Understanding the Standards

20 min.

**15. STP:**

When STP Standards Collide

10 min.

**16. STP:**

Understanding UplinkFast, BackboneFast, and Rapid Spanning Tree

22 min.

**EXTRA MILE**

Watch the [MicroNugget: Building a CCNP Home Lab](#) on the [CBT Nuggets Youtube channel](#).

Take the Practice Exams! Use the results to drive your review and practice ahead of your certification exam\*. [Transcender Cisco Cert-300-115](#)

\*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 3

**17. STP:**

Understanding BPDUGuard and BPDUFilter

11 min.

**18. STP:**

RootGuard, LoopGuard, and UDLD

14 min.

**19. STP:**

Configuring RSTP and MST

27 min.

**20. STP:**

Understanding and Configuring Etherchannel

29 min.

**21. STP:**

Spanning Tree Best Practices

13 min.

**22. L3 Switching:**

Joining the L3 Switch Revolution

19 min.

**23. L3 Switching:**

VLANs, SVIs, and Routed Port Configuration

15 min.

**24. L3 Switching:**

When Etherchannel and L3 Switching Collide

5 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.

WEEK 4

**25. L3 Switching:**  
Understanding the FHRP Lineup – HSRP, VRRP, GLBP

13 min.

**26. L3 Switching:**  
FHRP and STP Interaction

12 min.

**27. L3 Switching:**  
HSRP Configuration

15 min.

**28. L3 Switching:**  
VRRP Configuration

18 min.

**29. L3 Switching:**  
GLBP Configuration

16 min.

**30. SECURE:**  
Understanding and Configuring Port Security

16 min.

**31. SECURE:**  
DHCP Snooping Configuration

5 min.

**32 SECURE:**  
IP Source Guard and DAI

16 min.

**EXTRA MILE**

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

Practice, practice, practice!

Retake the Practice Exams! Use the results to drive your review and practice ahead of your certification exam\*. [Transcender Cisco Cert-300-115](#)

\*As a good rule of thumb, you should be scoring about 90% on your practice exam if you expect to pass your certification exam.

WEEK 5

**33. SECURE:**  
Cisco Storm Control

6 min.

**34. SECURE:**  
Understanding Private VLANs

8 min.

**35. SECURE:**  
Configuring Private VLANs

7 min.

**36. SECURE:**  
Understanding AAA for Switches

28 min.

**37. MISC:**  
Switchport Monitoring with SPAN and RSPAN

5 min.

**38. MISC:**  
SNMP Version 3

11 min.

**39. MISC:**  
NTP and SNTP

17 min.

**40. MISC:**  
Stackwise Switch Virtualization

11 min.

**41. MISC:**  
Espresso Roasting and Other Study Tips

15 min.

**EXTRA MILE**

**CRAM SESSIONS!**

Review training Nuggets where you might need to brush up! (2-5 hours)

Consider completing the [CCNP Switch 300-115 Hands-on Labs Exam Prep](#) course before taking your exam. (See page 7 for Exam Prep study guide)

# OPTIONAL TRAINING:

## Cisco CCNP SWITCH 300-115 Hands-on Labs Exam Prep

Total Videos: **18**

Time: **3 hrs**

WEEK 6	1. Welcome! Let's get started!	2. HSRP	3. GLBP	4. SDM Templates	5. Configure an Ethernet Trunk	6. Filter VLANs on a Trunk	7. VTP
	7 min.	23 min.	18 min.	8 min.	8 min.	9 min.	10 min.
WEEK 7	8. Pruning (with VTP)	9. CDP and LLDP	<b>EXTRA MILE</b>	Practice, practice, practice!		<p><b>"When you link desire with effort you can accomplish extraordinary things and lead an extraordinary life."</b></p> <p><i>- Michael Josephson</i></p>	
	7 min.	8 min.					
WEEK 7	10. EtherChannel	11. Storm Control	12. Port Security	13. RSPAN	14. MLS, STP, and VLANs	15. Attack Mitigation	16. SSH Authentication using RADIUS
	12 min.	6 min.	7 min.	9 min.	16 min.	9 min.	10 min.
WEEK 7	17. 802.1x Port Control	18. VLAN ACLs	<b>EXTRA MILE</b>	Practice makes perfect! Especially in IT training!		<p><b>"Success is the sum of small efforts, repeated day in and day out."</b></p> <p><i>- R. Collier</i></p>	
	6 min.	8 min.					

## THE BIG DAY!

Take the exam.

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



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