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Exam  
640-507

CCNA

通行证

(英文版)

Exam  
640-507



[美] Louis R. Rossi 著  
Ron Anthony

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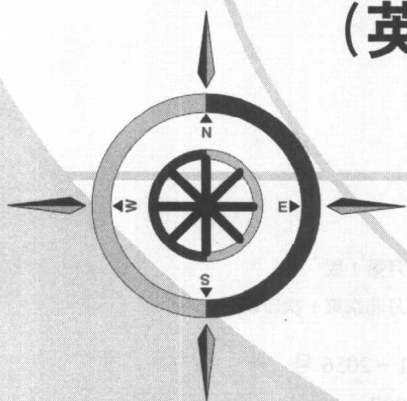
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# About the Authors

**Louis R. Rossi** is currently Director of CCPrep.com for Dice Incorporated. He is active in developing and maintaining different forms of training for CCPrep.com as well as teaching. Lou currently holds the CCNA, CCDA, CCDP, CCNP, and CCIE certifications. He is also a former Certified Cisco Systems Instructor (CCSI) and has taught hundreds of students to work with Cisco routers and switches.

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# Dedication

This book is dedicated to the families and friends of the victims of September 11, 2001. Our hearts and prayers are with you.

# Acknowledgments

I would like to thank all the instructors with whom I have taught in the past. Each and every one of them has taught me something new, and it is only with their help and support that this book is possible.

Louis R. Rossi  
Steven Sowell  
Ron Anthony  
Rudy Koehle  
Chris Patron

—Louis R. Rossi

I would like to acknowledge all of those who have made this book possible:

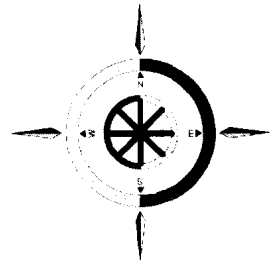
At McGraw-Hill/Osborne, Jody McKenzie, Gareth Hancock, Jessica Wilson, and all the others, who showed great patience and were very detailed in their work to help create a CCNA book that will be beneficial to candidates attempting their CCNA certification.

Lou Rossi, Jr., the co-author of this book, who has been instrumental in moving my career forward and helping me do the things I have dreamed of.

My wife, Sandy, who runs the household and spends all of her efforts selflessly helping to care for and improve our wonderful family. Her commitment to our two children, Michael and Justin, as well as to me, has far exceeded the dedication of anyone I know. Without her, my accomplishments would remain only dreams, never becoming the reality she has made them.

My God, who has given me much prosperity by opening so many doors of opportunity. He allows me to live happily in spite of my failures and faults. He gives me freedom to make mistakes, so that I can accomplish projects without fear and worry.

—Ron Anthony



# Check-In

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## May I See Your Passport?

What do you mean you don't have a passport? Why, it's sitting right in your hands, even as you read! This book is your passport to a very special place. You're about to begin a journey, my friend, a journey towards that magical place called CERTIFICATION! You don't need a ticket, you don't need a suitcase—just snuggle up and read this passport—it's all you need to get there. Are you ready? Let's go!

## Your Travel Agent—Mike Meyers

Hello! My name is Mike Meyers. I've written a number of popular certification books, and I'm the President of Total Seminars, LLC. On any given day, you may find me replacing a hard drive, setting up a Web site, or writing code. I love every aspect of this book you hold in your hands. It's part of a powerful new set of books called the Mike Meyers' Certification Passport series. Every book in this series combines easy readability with a condensed format—in other words, the kind of book I always wanted when I went for my certifications. Presenting this much information in an efficient *and* accessible format has been an enormous challenge, but I think we've achieved our goal, as I'm confident you'll agree.

I designed this series to do one thing and only one thing: give you only the information you need to achieve your certification. You won't find any fluff in here—the authors, Louis Rossi and Ron Anthony, have included nothing but the real nitty-gritty knowledge you need for this certification exam. Every page is packed with 100% pure concentrated certification knowledge! But never fear, we didn't forget to make the book readable as well. I hope you enjoy the casual, friendly style—I want you to feel as though the authors are speaking with you about the topics, not just spewing facts at you. Not only is this more fun, I believe it really helps you learn!

My personal email address is [mikem@totalsem.com](mailto:mikem@totalsem.com). Please feel free to contact me directly if you have any questions, complaints, or compliments.



## **Your Destination—Cisco CCNA 2.0 Certification**

This book is your passport to the Cisco CCNA 2.0 exam (test number 640-507). The Cisco Certified Network Associate certification has become one of the most popular and valuable networking credentials available, and puts you on the road to more advanced Cisco certifications such as the CCNP, and ultimately the CCIE, the PhD of networking certifications. Exam 640-507 focuses on fundamental internetworking concepts such as cabling, protocols, the OSI model, and topologies as well as more advanced and Cisco specific topics like the VLANs, the Cisco IOS, access lists, ISDN, Frame Relay, and more.

## **Your Guides—Lou Rossi and Ron Anthony**

Lou and Ron are both dedicated instructors who have taught thousands of students. They use their first-hand experience of what works and what doesn't work when teaching this material to enhance your learning experience. Ron comes from a background with Network Associates and has almost every Cisco certification in the Routing and Switching track. Ron is also preparing for his CCIE lab after having already passed the CCIE written exam.

Lou currently holds every Cisco Routing and Switching certification including the coveted CCIE. He taught Cisco Authorized classes for the world's largest Cisco Training Partners, and co-founded CCPrep.com with his father and brother. Today both Ron and Lou are dedicated instructors with CCPrep.com.

If you have any questions or comments feel free to contact Lou at [lrossi@ccprep.com](mailto:lrossi@ccprep.com) or Ron at [ron677@earthlink.net](mailto:ron677@earthlink.net).

## **Why the Travel Theme?**

One of my favorite topics is the parallel between gaining a certification and taking a trip. All of the elements are the same: preparation, an itinerary, a route—even mishaps along the way. Let me show you how it all works.

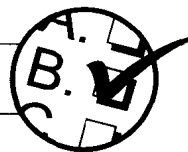
This book is divided into twelve chapters. Each chapter begins with an "Itinerary," which maps out the objectives covered in that chapter, and an "ETA" to give you an idea of the time involved learning the objectives in that chapter. Each chapter is broken down according to actual exam objectives, arranged either according to official publications of the certifying body or, if that's not possible, according to our experts' take on the best way to organize the topics for maximum learning efficiency.



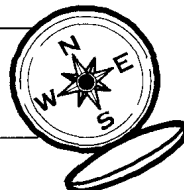
To further assist you in capturing all the key points, each chapter highlights important points and provides helpful information using these special features:

**Exam Tip**

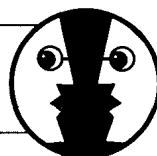
Points out critical topics you're likely to see on the actual exam.

**Travel Assistance**

Shows you additional sources such as books and Web sites where you can find more information.

**Local Lingo**

Describes special terms in detail in a way you can easily understand.

**Travel Advisory**

Warns you about common pitfalls, misconceptions, and downright physical peril!



At the end of the chapter I provide two more handy tools. First, in the “Checkpoint” section, the authors summarize each objective covered in the chapter. This is a great way to reinforce what you’ve read. Finally, you can test yourself using the end-of-chapter questions, and of course check your understanding against the answers.



Sounds great, but the fun doesn't stop there! After you've read the book, pull out the CD and take advantage of the free practice questions! Use the full practice exam to hone your skills, keeping the book handy to check answers.

If you want even more practice, log on to <http://www.Osborne.com/Passport>, and for a nominal fee you can get additional high-quality practice questions.

When you can nail the practice questions, you're ready to take the exam—go get certified!

## The End of the Trail

The IT industry changes and grows constantly—and so should you. Finishing one certification is just a step in an ongoing process of gaining more and more certifications to match your constantly changing and growing skills. Read the Career Flight Path at the end of the book to understand where this certification fits into your personal certification goals. Remember, in the IT business, if you're not moving forward, you are way behind!

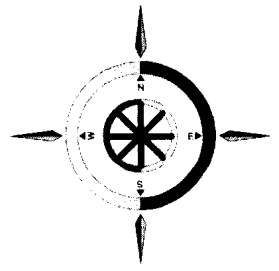
Good luck on your certification! Stay in touch!

A handwritten signature in black ink, appearing to read "Mike Meyers". The signature is fluid and cursive, with a long horizontal stroke at the end.

Mike Meyers

Series Editor

Mike Meyers' Certification Passport



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