

专业认证考试的首推丛书

MCSE *MIKE MEYERS* 认证考试丛书

MCSE Windows[®]

2000 服务器部分

MCSE Windows[®] 2000

Server

EXAM 70-215

考试号: 70-215
英文版



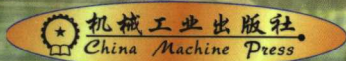
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MCSE 认证 考试丛书

MCSE Windows 2000 服务器部分

(考试号:70-215)(英文版)

MCSE Windows 2000 Server (EXAM 70-215)

(美) DAN NEWLAND 著
ROB SCRIMGER



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About the Authors

Dan Newland has been working with Microsoft products for more than 10 years, and has been an MCSE on the Windows NT 3.51, Windows NT 4.0, and Windows 2000 tracks. He has also worked as a trainer and as a consultant/engineer on numerous large network installations. He is currently the IT manager for a firm in Fargo, ND.

Dan's career is a perfect example of the power of certification. He graduated from Moorhead State University in Minnesota with a degree in history, and then went on to a History Masters program in Eau Claire, WI. After completing his MA coursework, Dan found himself needing a real job (history, it seems, doesn't pay very well...) and eventually settled into a relatively low-level call center position. He quickly became known in the office as "the guy who can put games back on your computer." Dan was not terribly good at taking phone reservations, and this job was not long lived, but through it he met someone who knew someone who worked at a computer company.

At that time Dan's knowledge of computers was at a "home user" level. He was given a chance, though, because his teaching background made him a good candidate to be a trainer. From there, a steady stream of certifications (CAN, MCP, CTT, A+) allowed him to proceed to teaching more advanced topics, working onsite with the company's engineers, and eventually moving into a job as a consultant. From there he was able to write, travel for a year on the expense account of a huge corporation, and eventually take charge of his own network.

Because he never went to college for a computer science or IT-related degree, certification programs have been a critical part of Dan's career development. While just getting a certification does not by itself guarantee success, experience and a number of respected certifications makes for an extremely powerful resume, and opened doors.

When not working, Dan is normally either watching a movie, reading a mystery novel (generally the hard-boiled variety) or playing with new technology. His three loves are his wife Steph, dog Rudi, and the Minnesota Vikings—though the last one could better be described as love/hate.

Rob Scrimger For the past 20 years Rob Scrimger has worked as a computer operator, a programmer, a trainer, a network administrator, and a network manager for various companies. He has helped write several

TCP/IP books, including *Networking with Microsoft TCP/IP: Certified Administrator's Resource Edition* and *MCSE Training Guide: TCP/IP 2nd Edition*. Rob has three MCSEs to his credit: NT 3.5, NT 4.0, and Windows 2000 (Charter Member). In addition, he is an MCT, MCDBA, MCSE+I, MCP+SB, CTT, A+ Certified Technician, and Network + Certified.

About the Tech Editor

Grant Jones has worked as a network engineer for the past eight years, and is certified as an MCIWAD, MCSE, MCP+I, MCT, CNE 3/4, and CNI. For the past five years, Grant has been teaching the official CIW Master Administrator classes, which include Internetworking Professional, Server Administration, and Security Professional. He also teaches classes in electronic commerce. Grant has written courses on Netscape Mail and IIS 4.0; the course he developed on IIS 4.0 was taught to employees of Microsoft in Redmond, WA. Grant has also helped develop the security curriculum for Prosoft Training. He has spoken at numerous trade shows including several Internet World expos and Internet Commerce Expo in Boston. Grant has also done technical editing for New Riders Publishing, SAMS, and McGraw-Hill.

Dedication

To Steph Newland. She not only put up with me during the writing of this book, she even married me around Chapter 7 or so!

—*Dan Newland*

As always, I would like to thank my family for supporting me and putting up with me during the writing process. I'd also like to thank WWOZ New Orleans for being on the Internet and for providing me with excellent accompaniment music to my typing. Keep up the good work.

—*Rob Scrimger*

Acknowledgments

Thanks first of all to Nancy Maragioglio, who years ago gave me my first professional writing assignment, and who is among the best people I have ever worked with. Thanks also to David Fugate of Waterside Productions for all his help getting me involved in this project, and for working out all of the confusing details. Eric Daeuber and Sandy Kraig both helped me in the production of this work, and Gareth, Mark, Jessica, Marcel, and Lisa all did a great job on editing and production of the book. Their professionalism and attention to detail has been nothing short of inspiring. Thanks also to all the other folks at Osborne/McGraw-Hill who have been instrumental in moving this information from me to you.

—*Dan Newland*

I'd like to thank Nancy for the opportunity to jump on this project and Grant for keeping the technical side honest.

—*Rob Scrimger*

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Check-In

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's 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'll 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. Its part of a powerful new book series called the *Mike Meyers' Certification Passports*. 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. Putting this much information in an accessible format is an enormous challenge but I think we have achieved our goal and I am confident you'll agree.

I designed this series to do one thing and only one thing—to get you the only the information you need to achieve your certification. You won't find any fluff in here—the authors, Dan Newland and Rob Scrimger, packed every page with nothing but the real nitty-gritty of the certification exam. Every page is packed with 100% pure concentrate of certification knowledge! But we didn't forget to make the book readable. I hope you enjoy the casual, friendly style—I want you to feel as though the authors are speaking to you, discussing the certification—not just spewing facts at you.

My personal e-mail address is mikem@totalsem.com. Please feel free to contact me directly if you have any questions, complaints, or compliments.

Your Destination—Windows 2000 Server Certification

This book is your passport to the Microsoft Windows 2000 Server exam (exam 70-215). Microsoft operating systems have become an industry standard, and the Microsoft Certified Professional program is one of the most respected certification tracks available to a computer engineer.

Exam 70-215 focuses on Windows 2000 Server and on technologies related to planning, creating, and maintaining a Microsoft-based network. Topics covered on the exam include installation of the server, configuration of networking components and services, and the addition and support of network users. New technologies such as the Active Directory and various security enhancements will also be looked at.

Your Guides—Dan Newland and Rob Scrimger

Do you like to watch professional wrestling? You do? Super! Then you're gonna love Dan (The Network Avenger) Newland and Rob (The Subnetter) Scrimger! These two pros will show you how to take on the Windows Server Exam and pin that sucker in the first round.

Dan is a Microsoft Certified Trainer (MCT) and also a Microsoft Certified Systems Engineer (MSCE). He'll show you how to pile-drive those tough test questions right out of the ring.

Rob wears just about every IT certification belt that I can think of. His in-depth knowledge of Windows 2000 Server, combined with his amazing ability to toss a folding chair into the back of tough questions, makes him the guy you want for this book!

Both Dan and Rob want you to know that your input is very important. You can contact Dan at passport@nwcon.net and Rob at Subnetter@ScrimTech.com to discuss any issues or questions relating to the book.

Why the Travel Theme?

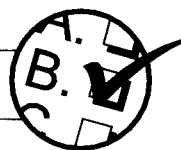
One of my favorite topics is the parallel of gaining a certification to a taking a trip. All the elements are the same: preparation, an itinerary, a route—even mishaps along the way. Let me show you how it all works.

This book is divided into 10 chapters. Each chapter begins with an Itinerary, which provides objectives covered in each chapter and an ETA to

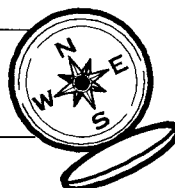
give you an idea of the time involved learning the skills in that chapter. Each chapter is broken down by real exam objectives, either those officially stated by the certifying body or, if the vendor doesn't provide these, our experts take on the best way to approach the topics. Also, each chapter contains a number of helpful items to bring out points of interest:

Exam Tip

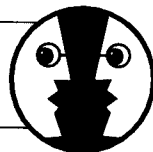
Points out critical topics you're likely to see on the actual exam.

**Travel Assistance**

Directs you to additional sources such as books and Web sites to give you more information.

**Local Lingo**

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

**Travel Advisory**

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



The end of the chapter gives you two handy tools. The Checkpoint reviews each objective covered in the chapter with a handy synopsis—a great way to quickly review. Plus, you'll find end of chapter questions and answers to test your newly acquired skills.

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 and keep 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'll get additional high-quality practice questions.

When you're passing 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 (Appendix B) at the end of the book to see 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!

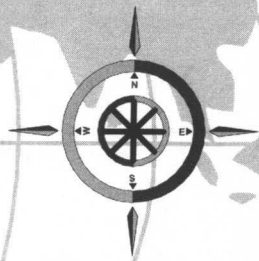
A handwritten signature in black ink, appearing to read "Mike Meyers", with a stylized, flowing script.

Mike Meyers

Series Editor

Mike Meyers' Certification Passport

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