Professional Penetration Testing, Second Edition: Creating and Learning in a Hacking Lab

By Thomas Wilhelm

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Professional Penetration Testing walks you through the entire process of setting up and running a pen test lab. Penetration testing?the act of testing a computer network to find security vulnerabilities before they are maliciously exploited?is a crucial component of information security in any organization. With this book, you will find out how to turn hacking skills into a professional career. Chapters cover planning, metrics, and methodologies; the details of running a pen test, including identifying and verifying vulnerabilities; and archiving, reporting and management practices.

Author Thomas Wilhelm has delivered penetration testing training to countless security professionals, and now through the pages of this book you can benefit from his years of experience as a professional penetration tester and educator. After reading this book, you will be able to create a personal penetration test lab that can deal with real-world vulnerability scenarios.

All disc-based content for this title is now available on the Web.

- Find out how to turn hacking and pen testing skills into a professional career
- Understand how to conduct controlled attacks on a network through real-world examples of vulnerable and exploitable servers
- Master project management skills necessary for running a formal penetration test and setting up a professional ethical hacking business
- Discover metrics and reporting methodologies that provide experience crucial to a professional penetration tester

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Editorial Review

Review

"...this is a detailed and thorough examination of both the technicalities and the business of pen-testing, and an excellent starting point for anyone getting into the field." **--Network Security, March 2014**

From the Back Cover

Save yourself some money! This complete classroom-in-a-book on penetration testing provides material that can cost upwards of $1,000 for a fraction of the price!

Thomas Wilhelm has delivered pen testing training to countless security professionals and now through the pages of this book you can benefit from his years of experience as a professional penetration tester and educator. After reading this book you will be able to create a personal penetration test lab that can deal with real-world vulnerability scenarios.

Penetration testing is the act of testing a network to find security vulnerabilities before they are exploited by phishers, digital piracy groups, and countless other organized or individual malicious hackers. The material presented will be useful to beginners all the way through to advanced practitioners.

- Find out how to turn hacking and pen testing skills into a professional career
- Understand how to conduct controlled attacks on a network through real-world examples of vulnerable and exploitable servers
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- Discover metrics and reporting methodologies that provide experience crucial to a professional penetration tester
- Learn through video – the DVD includes instructional videos that replicate classroom instruction and live, real-world vulnerability simulations of complete servers with known and unknown vulnerabilities to practice hacking skills in a controlled lab environment

About the Author
Thomas Wilhelm has been involved in Information Security since 1990, where he served in the U.S. Army for 8 years as a Signals Intelligence Analyst / Russian Linguist / Cryptanalyst. A speaker at security conferences across the United States, including DefCon, HOPE, and CSI, he has been employed by Fortune 100 companies to conduct risk assessments, participate and lead in external and internal penetration testing efforts, and manage Information Systems Security projects.Thomas is also an Information Technology Doctoral student who holds Masters degrees in both Computer Science and Management. Additionally, he dedicates some of his time as an Associate Professor at Colorado Technical University and has contributed to multiple publications, including both magazines and books. Thomas currently performs security training courses for both civilian and government personnel through Heorot.net, and maintains the following security certifications: ISSMP, CISSP, SCSECA, and SCNA.

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Edition: Creating and Learning in a Hacking Lab can to be your brand-new friend when you're sense alone and confuse in doing what must you're doing of this time.

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