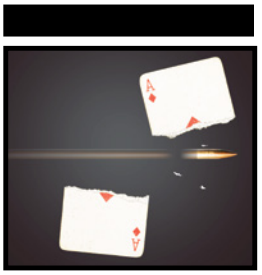

Advanced Penetration Testing

Hacking the World's Most Secure Networks

Wil Allsopp

WILEY

Advanced Penetration Testing: Hacking the World's Most Secure Networks

Published by
John Wiley & Sons, Inc.
10475 Crosspoint Boulevard
Indianapolis, IN 46256
www.wiley.com

Published simultaneously in Canada

ISBN: 978-1-119-36768-0
ISBN: 978-1-119-36771-0 (ebk)
ISBN: 978-1-119-36766-6 (ebk)

Manufactured in the United States of America

10 9 8 7 6 5 4 3 2 1

Library of Congress Control Number: 2017931255

This work is dedicated to the memory of Sir Terry Pratchett, OBE (1948–2015), for teaching me comedy and satire and the wisdom to know the difference.

"Do you not know that a man is not dead while his name is still spoken?"

—Going Postal

About the Author

Wil Allsopp always liked taking things apart. Sometimes he was able to put them back together again. He wandered into penetration testing like some people wander into bars (another activity close to his heart). A chance encounter with a like-minded individual in the 't Stadscafe Zaltbommel in 1999 led to him resigning his IBM software development contract and forming his first company, called Tigerteam Security NV, which for reasons lost to time was incorporated in Curaçao. At least that's how he remembers it.

Nearly 20 years later, he's still breaking things, with the important difference that some of the most prestigious companies in the world are paying him to do so.

He lives in The Netherlands with his wife and a large menagerie of cats, dogs, chickens, and a toad named Malcolm.

"We work in the dark—we do what we can—we give what we have. Our doubt is our passion, and our passion is our task. The rest is the madness of art."

—Henry James

About the Technical Editor

Elias Bachaalany has been a computer programmer and a software reverse engineer for more than 14 years. Elias is also the co-author of two books published by Wiley, *Practical Reverse Engineering* and *The Antivirus Hacker's Handbook*, and the author of *Batchography: The Art of Batch Files Programming*. He worked with various technologies and programming languages such as web programming, database programming, and Windows device drivers programming (boot loaders and minimal operating systems), and wrote .NET and managed code, wrote scripts, assessed software protections, and wrote reverse engineering and desktop security tools.

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Acknowledgments

Far too many to name (and they know who they are), but special thanks to Tim and Courtney without whom this work would not be possible in its current format; D. Kerry Davies, for being the yardstick by which the rest of are measured; GCHQ, for their helpful suggestions; and last but not least, Gary McGath, one of the most underrated musicians of our age.

Also, thanks to every pen tester, hacker, and security evangelist I've toiled with over the years. You are this book.

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