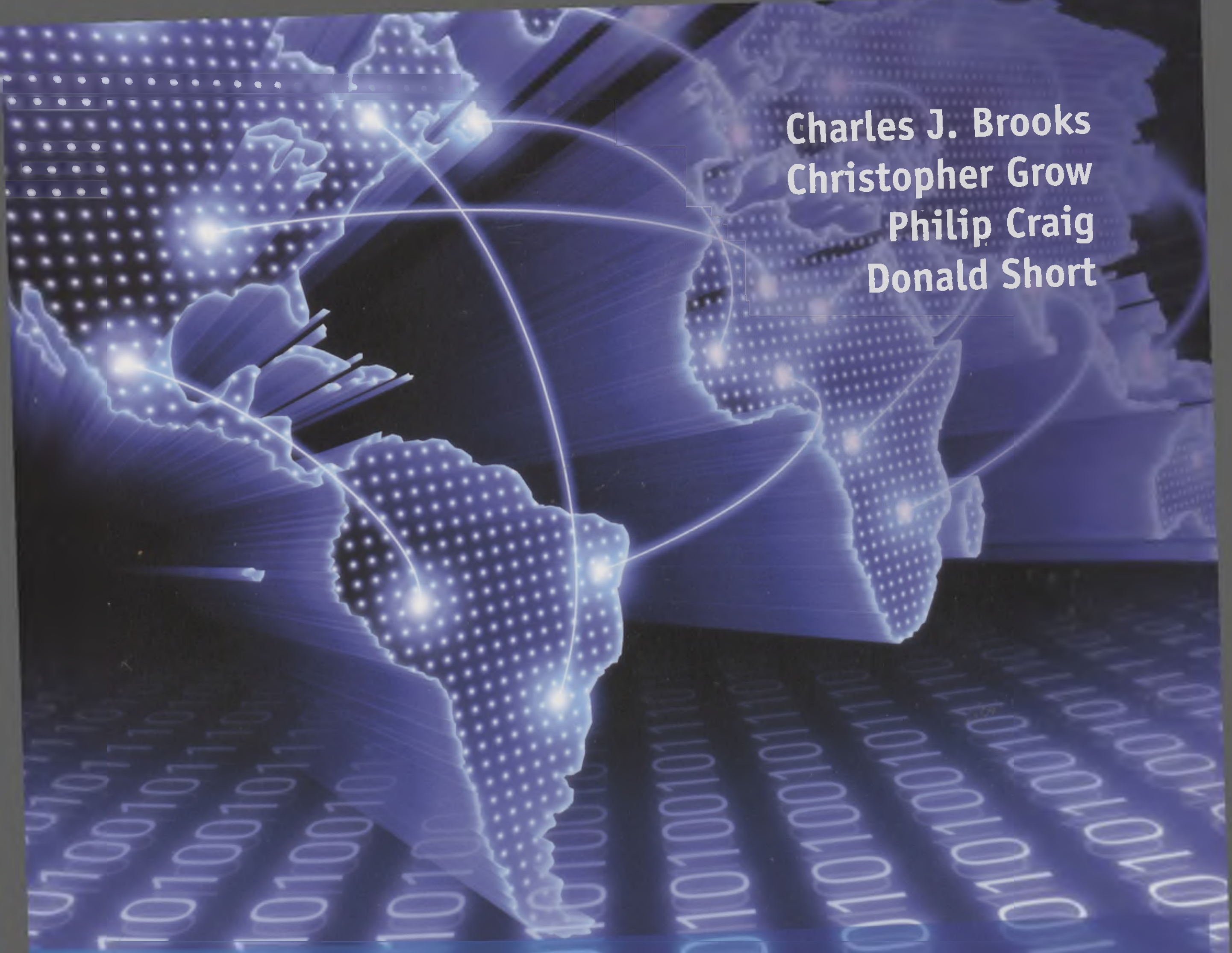

Charles J. Brooks
Christopher Grow
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To my wife Robbie, for all of her understanding, support, and help with these projects, as well as Robert, Jamaica, Michael, and Joshua.
Charles Brooks

To my close friends and family here and gone who have stood by me and encouraged me along my way. Your support through the years, mental, emotional, and financial, has brought me to this point. I dedicate this work to all of you, without which this would not have been possible for me.
Christopher Grow

To my wife Caralee, who has endured many times over the years my travels, my long stays in our nation's capital, and mostly her understanding of the importance of my commitment to cybersecurity. As we celebrate her birthday on September 11 every year, we are reminded of what it means to our daily lives.
Philip Craig

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Donald Short

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—Charles Brooks

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—Christopher Grow

To the folks who commit their lives and careers developing new approaches to cybersecurity that protects the immense landscape of computing infrastructures from acts of malicious and sometimes deadly outcomes of cyber attacks, I dedicate these works to you. The next generation of cyber-protectors will gain significant value from this book and hopefully will find its content sparking new dedication to the cyber challenges we will face in the years ahead.

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—Philip Craig

I would like to thank my customers and associates from the past 25 plus years who have helped me grow and learn at a rate I would not have thought possible.

—Donald Short

About the Authors

Charles J. Brooks is currently co-owner and vice president of Educational Technologies Group Inc., as well as co-owner of eITPrep LLP, an online training company. He is in charge of research and product development at both organizations.

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For many years, Phil served as a Senior Cyber Security Research Scientist at PNNL, where he provided engineering and program management support in the fields of cybersecurity, supervisory control and data acquisition (SCADA) technologies, computing, and communications infrastructure.

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Donald Short is the President of One World Telecommunications, Inc., an Internet Service Provider in Kennewick, Washington, where he both manages the business and programs web and database applications.

Don has been both a pharmacist and computer scientist for over 35 years, working in many programming languages on a variety of network architectures, and has developed large and complex online content and learning management systems.

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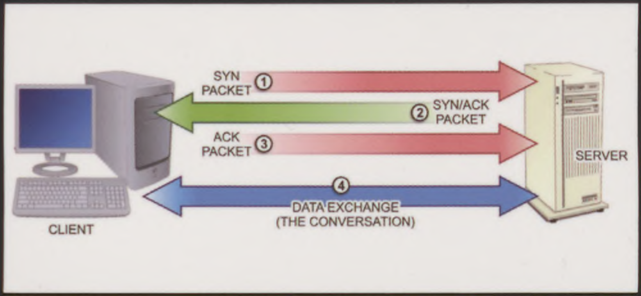

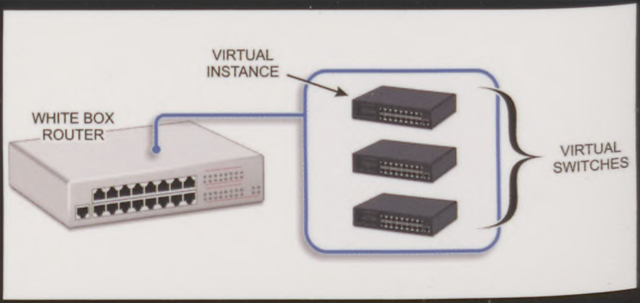

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Charles J. Brooks is co-owner and vice president of Educational Technologies Group Inc., as well as co-owner of eITPrep LLP, an online training company. **Christopher Grow** is the president of A.C.C.N.S. Consulting and the Technichal Services manager for Educational Technologies Group L.L.C. with 20+ years of IT/IS and cyber security experience. **Philip Craig** is the founder of BlackByte Cyber Security, LLC, a consultancy supporting the Pacific Northwest National Laboratory (PNNL) research and national security agendas. **Donald Short** is the President of One World Telecommunications, Inc., an Internet Service Provider in Kennewick.

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