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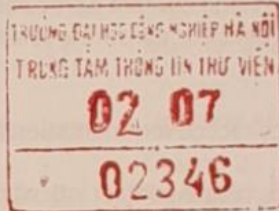
Windows Server 2019

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Windows Server 2019 Inside Out

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Introduction

This book is primarily written for IT Professionals who work with Windows Server operating systems on a regular basis. As such, it's likely that Windows Server 2019 isn't the first version of Windows Server that you've been responsible for managing. This is because the majority of Windows Server administrators have been working with some version of the operating system for more than a decade, with a good percentage having experience going back to the days of Windows NT 4. With that in mind, this book doesn't spend a great amount of time on introductory concepts or techniques; instead, it aims to provide intermediate to advanced coverage of the most important roles and features available with Windows Server 2019, including its hybrid cloud capabilities.

This book is also written under the assumption that as an experienced IT professional, you know how to use a search engine to find relevant technical information. This leads to an obvious question, "Why would I buy a book if I can find relevant technical information with a search engine?" The answer is that even though you may be good at tracking down technical information and have experience filtering useful knowledge from wildly inaccurate guesses, you can only search for something if you have an idea about it in the first place.

When presenting at conferences and user groups on Windows Server topics, I regularly encounter IT Professionals who have worked with Windows Server for many years who are unaware of specific functionality or techniques related to the product, even if that functionality or technique has been available for many years. This is because Windows Server 2019 includes so many roles, features, and moving parts, you are simply unlikely to know everything about the operating system. My aim in writing this book is to give you comprehensive coverage so that you'll learn things that you didn't know or simply missed, because when you've been solving a critical problem, you've been focused on the specifics of that problem and haven't had time to explore every facet of what the Windows Server operating system is capable of.

Changes since *Windows Server 2016 Inside Out*

This book includes several new chapters as well as revisions and updates—from moderate to substantive—of chapters that were present in the Windows Server 2016 version of this book. Some of the substantive changes include removing content related to the Nano Server deployment option, which is no longer supported; coverage of Windows Admin Center; a new chapter on Azure IaaS and hybrid services, as well as Windows Subsystem for Linux; and splitting an extension of the security chapter from the 2016 edition into two separate chapters in this text. There is also coverage of new roles and features including Storage Migration Services, Azure File Sync, and Azure Update Management. While there are some chapters where only cosmetic changes were made, from the perspective of total word count, this book is about 15 percent longer than its predecessor, *Windows Server 2016 Inside Out*.

Acknowledgments

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Errata, updates, and book support

We've made every effort to ensure the accuracy of this book and its companion content. You can access updates to this book—in the form of a list of submitted errata and their related corrections—at:

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