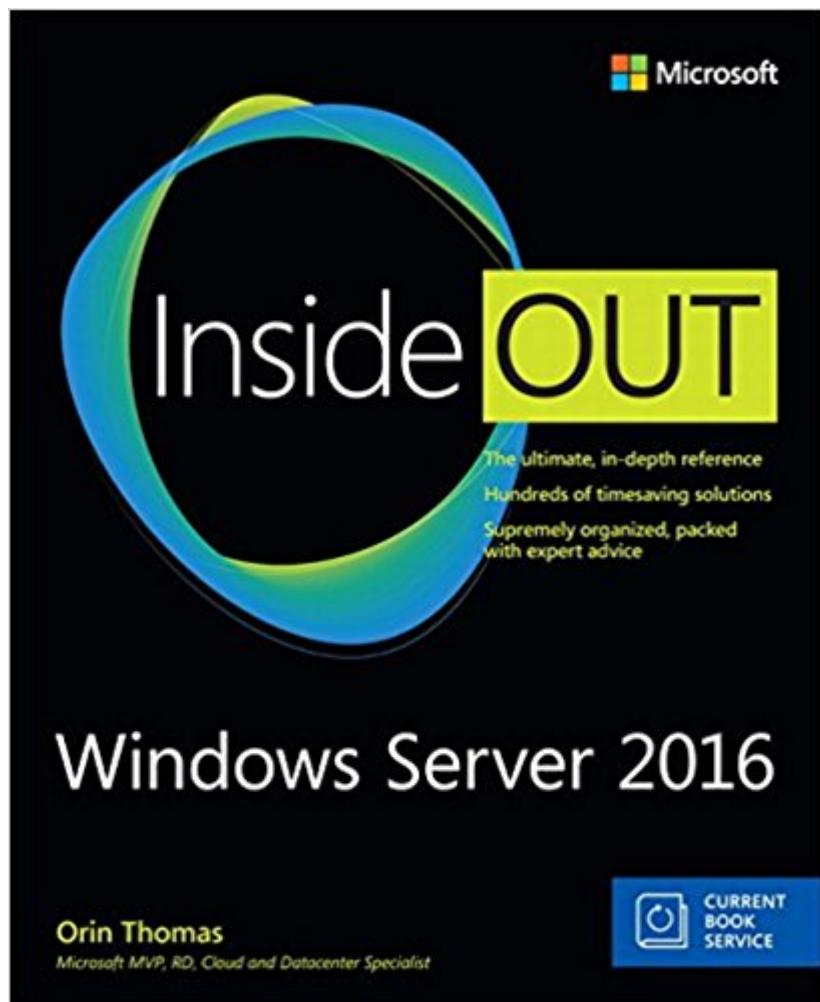


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# Windows Server 2016 Inside Out (includes Current Book Service)



## Synopsis

Conquer Windows Server 2016 from the inside out! Dive into Windows Server 2016 and really put your Windows Server expertise to work. Focusing on Windows Server 2016's most powerful and innovative features, this supremely organized reference packs hundreds of timesaving solutions, tips, and workarounds all you need to plan, implement, or manage Windows Server in enterprise, data center, cloud, and hybrid environments. Fully reflecting Windows Server new capabilities for the cloud-first era, this book covers everything from Nano Server to Windows Server and Hyper-V Containers. You'll discover how experts tackle today's essential tasks and challenge yourself to new levels of mastery.

Optimize the full Windows Server 2016 lifecycle, from planning and configuration through rollout and administration. Ensure fast, reliable upgrades and migrations. Seamlessly deliver core DNS, DHCP, file, print, storage, and Internet services. Use IPAM to centrally manage all enterprise DNS and DHCP infrastructure. Gain dramatic storage utilization improvements with built-in deduplication and storage replica. Build flexible cloud and hybrid environments with Windows Containers and Shielded VMs. Seamlessly integrate Azure IaaS services with Windows Server 2016. Slash resource usage and improve availability with tiny Nano Server installations. Improve configuration management with Desired State Configuration and Chef. Deliver Active Directory identity, certificate, federation, and rights management services. Protect servers, clients, assets, and users with advanced Windows Server 2016 security features including Just Enough Administration.

For Experienced Windows Server Users and IT Professionals

Your role: Experienced intermediate-to-advanced level Windows Server user or IT professional

Prerequisites: Basic understanding of Windows Server procedures, techniques, and navigation

Current Book Service: In addition, this book is part of the Current Book Service from Microsoft Press. Books in this program receive periodic updates to address significant software changes for 12 to 18 months following the original publication date via a free Web Edition. Learn more at <https://www.microsoftpressstore.com/cbs>.

## Book Information

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## Customer Reviews

Orin Thomas is an MVP, a Microsoft Regional Director, an MCT, and has a string of Microsoft MCSE and MCITP certifications. He has written more than 3 dozen books for Microsoft Press on topics including Windows Server, Windows Client, Azure, System Center, Exchange Server, Security, and SQL Server. He is an author at PluralSight and is a candidate in the Doctor of Information Technology program at Charles Sturt University. You can follow him on twitter at <http://twitter.com/orinthomas>

This book is written for those that have some experience with Windows Server, and are looking to get current with Server 2016. I like how it is written as at an Systems Admin level, building on what you already know about Windows Server. It is well designed to give you the realistic approach to implementing Windows Server 2016 in your environment. Whether it be on-premise or in the cloud, there are plenty of examples on how to take advantage of the new features, using the GUI or PowerShell. Also, this book has the Current Book Service, that keeps you up to date with any updates that are made to the book.

This is yet another thoroughly researched and thoughtfully produced text in Orin Thomas' corpus. "Windows Server 2016 Inside Out" Windows Server 2016 Inside Out (includes Current Book Service) should be mandatory reading for any experienced Microsoft systems administrator as it not only provides the latest principles and approaches in systems administration, but also establishes a contextual understanding of how the Windows Server platform is evolving in a constantly-changing IT ecosystem. Being an experienced Windows Server administrator doesn't automatically enable one to simply absorb the many and varied developments in the platform.

automatically - in other words, you don't know what it is that you don't know. "Windows Server 2016 Inside Out" is guaranteed to give even the most experienced Windows Server administrators and architects quite a few, "Hey, I didn't know it could do that!" moments. The book also provide excellent and highly topical advice on how the Windows Server platform fits in with the latest trends in deployment (such as hosted and public cloud platforms) and configuration (such as automated code-driven configuration management), as well as the latest thoughts and practises in business security and secure administrative processes. This is an extremely valuable book for any administrator or architect to have, and should be mandatory reading regardless of experience.

I have been managing Windows Servers for 15 years, and resources like Windows Server 2016 Inside Out are what I need to stay current and competitive. Orin Thomas has captured the essence of the cloud shift in server deployment, configuration, and administration that is built into the heart of Windows Server 2016. Understanding this shift is crucial to ensure a proper transition to cloud architecture whether using on-premises or public cloud resources. Windows Server 2016 Inside Out is a deep dive into the technical details of what is needed to quickly get up to speed on Microsoft's latest evolution of their server operating system. Orin details the new features you need to know in the long-standing technologies of Windows Server such as Active Directory, IIS, DNS, RDS and more. The enhancements in more recent technologies in Windows Server, such as Hyper-V, software-defined storage, and software-defined networking, are also covered in efficient detail. Finally, the book walks you through the newly introduced technologies in Windows Server 2016, such as Nano server and containers, with real world examples and the PowerShell code to make it happen. I recommend you pick up this book which clearly communicates how to leverage Windows Server 2016 to progress from legacy systems to modern cloud services.

This is an excellent, no nonsense, information source for Server 2016. As a general guide to quickly pickup changes and additions across the board I found this a very effective book. I found also it is very efficient for quickly referencing specific items (for example RDP) and being able to gain detail on new features with some relevant references to older versions without providing too much weight to the older information. I have been in the industry for 20 years and have a cumulative Windows knowledge from Windows NT 4.0 through each version since. This book will be great for anyone like me who wants to refresh and add to existing know how.

I've been fortunate to attend Microsoft Ignite (formerly TechEd) conference sessions and five-day

courses with the author over the years. There was always context to the content, where it was not just the "how-to" but the reasons "why" come from experience and speaking to attendees and clients over the years. There is only so much that you can search for online but, as they say, you only search for what you know. Blog entries tend to be first-out-the-door and rarely gets revisited for later edits, with even official documentation can be a bit scant on details. Windows Server 2016 needs to be seen more than just extending your supported security life cycle to solutions that can meet the quickly-evolving demands of today. This reference is full of "light bulb" moments for the seasoned administrator and IT professional in the Microsoft space, of what Windows Server 2016 can provide as a solution. I see a number of organisations who still set it up as if it were Windows Server 2003, or running a full GUI OS for both their hypervisor and virtual machine just to run a few applications. With the "Current Book Service", it will be great to have a reference and updates to features as they evolve. For example, Nano Server, now a container base OS image as of Build 1709, would be one of the changes to the book surely. The content has already changed my approach in advising others as an instructor and IT professional on the benefits of getting THE most out of Windows Server 2016, and I highly recommend it to them as much as I will to you.

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