



Quick answers to common problems

# Microsoft Windows Server AppFabric Cookbook

60 recipes for getting the most out of WCF and WF services, including the latest capabilities in AppFabric 1.1 for Windows Server

*Foreword by Ron Jacobs, Senior Program Manager, Microsoft Corporation*

Hammad Rajjoub  
Rick G. Garibay

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publishing

# Microsoft Windows Server AppFabric Cookbook

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## **Microsoft Windows Server Appfabric Cookbook:**

**Microsoft Windows Server AppFabric Cookbook** Hammad Rajjoub,2012-07-26 Over 60 recipes for getting the most out of WCF WF services on the Microsoft Windows Platform using Windows Server AppFabric with this book and ebook

[BizTalk Server 2010 Cookbook](#) Steef-Jan Wiggers,2012-01-01 This book will explain step by step in each recipe how to for example implement a certain orchestration pattern test a BizTalk artifact monitor BizTalk with a third party tool or secure a message The recipes in this book are easy to understand and follow as the author discusses real world scenarios The range of topics covered in this book will bring out the forward thinking BizTalk developer in you The examples are supported by relevant background information for ease of understanding This book is for professional BizTalk Developers and administrators to take their skills to the next level and explore the numerous capabilities BizTalk has This book assumes that you have a basic understanding of BizTalk and SOA and BPM concepts *Applied Architecture Patterns on the Microsoft Platform* Richard Seroter,Ewan Fairweather,Rama Ramani,2010-09-07 An in depth scenario driven approach to architecting systems using Microsoft technologies with this book and eBook

**Pro Windows Server AppFabric** Stephen Kaufman,Danny Garber,2010-04-28 This book will teach you all about Windows Server AppFabric a set of extensions to Windows Server that allow it to function as a lightweight application server The combination of Windows Server and AppFabric provides an easy to manage platform for developing deploying and reliably hosting middle tier WCF WF services Windows Server AppFabric fills an important vacuum left in the wake of COM and COM's demise as the .NET platform has risen to prominence Provided as an extension to Internet Information Services IIS the built in application server frees you from having to create your own Windows services to perform application hosting Instead you can take advantage of plumbing and infrastructure that Microsoft provides for you freeing you to focus on just your business logic while still being able to deploy n tier solutions on Windows Server In this way Windows Server AppFabric solves the problem of developing deploying and reliably hosting middle tier WCF WF services If you're an experienced developer you'll want to learn about Windows Server AppFabric fast without a lot of reading And that's what this book is all about It cuts to the chase and shows you the simplicity and elegance that combine to form Windows Server AppFabric getting you up to speed fast so that you can take advantage of all the platform has to offer

[Programming WCF Services](#) Juval Lowy,2010-08-13 Programming WCF Services is the authoritative bestselling guide to Microsoft's unified platform for developing modern service oriented applications on Windows Hailed as the definitive treatment of WCF this book provides unique insight rather than documentation to help you learn the topics and skills you need for building WCF based applications that are maintainable extensible and reusable Author Juval Lowy one of the world's top .NET experts revised this edition to include the newest productivity enhancing features of .NET Framework 4 and the Azure AppFabric Service Bus as well as the latest WCF ideas and techniques By teaching you the why and the how of WCF programming Programming WCF Services will help you master

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Microsoft Corporation **.NET 4 for Enterprise Architects and Developers** Sudhanshu Hate,Suchi Paharia,2011-12-13

Presenting cutting edge insights from industry practitioners .NET 4 for Enterprise Architects and Developers supplies in depth coverage of the various server side features of Microsoft .NET Framework 4 that can be leveraged in Enterprise Application development It provides a fundamental understanding of the technical aspects of implementation and Azure in Action Brian Prince,Chris Hay,2010-10-21 Azure in Action is a fast paced tutorial intended for architects and developers looking to develop cloud based applications on the Windows Azure Platform Written by two of Microsoft s leading Azure evangelists it s designed both for readers new to cloud concepts and for those familiar with cloud development but new to Azure Starting with core concepts the book explores designing and scaling front end and back end services that run in the cloud and more advanced scenarios in Windows Azure Later chapters introduce the rest of the Azure Services Platform with a particular focus on SQL Azure Database

**Microsoft Windows Azure Development Cookbook** Neil Mackenzie,2011-08-05 Over 80 advanced recipes for developing scalable services with the Windows Azure platform

**Professional SharePoint 2010 Cloud-Based Solutions** Steve Fox,Girish Raja,Paul Stubbs,Donovan Follette,2011-11-22 An authoritative guide to extending SharePoint s power with cloud based services If you want to be part of the next major shift in the IT industry you ll want this book Melding two of the hottest trends in the industry the widespread popularity of the SharePoint collaboration platform and the rapid rise of cloud computing this practical guide shows developers how to extend their SharePoint solutions with the cloud s almost limitless capabilities See how to get started discover smart ways to leverage cloud data and services through Azure start incorporating Twitter or LinkedIn into your solutions find the best ways to secure everything and much more Shows developers how to use Microsoft SharePoint 2010 to create scalable cloud based solutions Melds the hottest new trend in the industry developing hosting managing or storing code in the cloud with what SharePoint developers need to know to weave these technologies into their solutions Provides developer patterns real world examples and invaluable walkthroughs Topics include SQL Azure for data management and BI building an Azure based corporate tax service connecting LinkedIn and SharePoint profile data creating

a filterable Twitter dashboard leveraging Bing Maps Geo services maintaining security and more SharePoint developers discover exciting new ways to extend SharePoint's functionality with this practical and content rich guide *Windows Server 2019 Cookbook* Mark Henderson, Jordan Krause, 2020-07-22 Efficiently manage and administer enterprise environments using Microsoft Windows Server 2019 Key Features Leverage Windows Server 2019 to improve enterprise workflow efficiency and increase productivity Deliver enterprise grade cloud services that can be applied in your infrastructure Get up and running with PowerShell and the all new Hyper V improvements Book Description Do you want to get up and running with essential administrative tasks in Windows Server 2019? This second edition of the Windows Server 2019 Cookbook is packed with practical recipes that will help you do just that! The book starts by taking you through the basics that you need to know to get a Windows Server operating system working before teaching you how to navigate through daily tasks using the upgraded graphical user interface GUI. You'll then learn how to compose an optimal Group Policy and perform task automation with PowerShell scripting. As you advance you'll get to grips with faster app innovation, improved Windows security measures and hybrid cloud environments. After you've explored the functions available to provide remote network access to your users you'll cover the new Hyper V enhancements. Finally this Windows Server book will guide you through practical recipes relating to Azure integration and important tips for how to manage a Windows Server environment seamlessly. By the end of this book you'll be well versed with Windows Server 2019 essentials and have the skills you need to configure Windows services and implement best practices for securing a Windows Server environment. What you will learn Get up and running with Windows Server 2019's new features Install, configure and administer Windows Server 2019 effectively Configure the server to host any enterprise application Discover ways to manage a server without a GUI Safeguard your virtual machines in the event of server failure Explore new ways to integrate Windows Server with Microsoft Azure Deploy Windows containers using Docker Who this book is for This Windows Server 2019 book is for system administrators and IT professionals who have basic experience in Windows environments and are interested in acquiring the skills and knowledge needed to manage and maintain the core infrastructure required for a Windows Server 2019 environment *Windows Server 2025 Cookbook* Nedim Sadovic, 2026-01-02 DESCRIPTION Windows Server remains the backbone of enterprise IT infrastructure. With the 2025 release it introduces powerful hybrid capabilities, enhanced security and seamless Azure integration, making it essential for modern system administrators and cloud engineers. Through over 90 recipes you explore installation, identity management, virtualization, networking, backup and containerization. Each chapter delivers hands-on walkthroughs, troubleshooting tips and real world scenarios drawn from experience in this field. The cookbook moves through management with Windows Admin Center, Active Directory, identity and Group Policy objects. You will master storage using iSCSI networking via DNS, DHCP and Hyper V virtualization. The journey continues into remote access, VPNs, backup, recovery and Certification Authority roles for better security. Finally you will connect hybrid

environments with Azure AD deploy containers using Kubernetes or Docker and monitor system health using Reliability Monitor By the end of this book you will confidently deploy manage and secure Windows Server 2025 environments on premises hybrid and cloud native You will be equipped with the skills to lead infrastructure modernization and be ready for the future **WHAT YOU WILL LEARN** Install and configure Windows Server 2025 and manage server environments Install Certification Authority PKI and hybrid Azure AD Connect synchronization Monitor performance and reliability and implement backup and redundancy Secure DNS infrastructure and automate IP addressing via DHCP roles Track system reliability using Event Viewer and Windows Admin Center tools **WHO THIS BOOK IS FOR** This book is for system administrators cloud engineers IT trainers and technical consultants seeking hands on mastery of Windows Server 2025 in hybrid and enterprise environments **TABLE OF CONTENTS** 1 Introduction to Windows Server 2 New Features of Windows Server 2025 3 Installing Windows Server 2025 4 Configuring Roles and Features in Windows Server 2025 5 Windows Server Administration 6 Identity 7 Group Policy 8 File Services in Windows Server 2025 9 Networking with DNS and DHCP 10 Hyper V on Windows Server 2025 11 Efficient Remote Connectivity 12 Redundancy and Backup 13 Certification Authority 14 Connect and Manage Through Azure 15 Kubernetes on Windows Server 2025 16 Docker on Windows Server 2025 17 Monitoring in Windows Server 2025

**Windows Server 2016 Cookbook** Jordan Krause, 2016-11-21 Sauté your way through more than 100 hands on recipes designed to prepare any server administrator to work with Windows Server 2016 **About This Book** Get the first book on the market to unleash the power of Windows Server 2016 which improves the lives of thousands of enterprise users Be the first to leverage the advent of Containers and Nano Server on Windows Server 2016 which utilizes the resources efficiently and increases productivity This practical recipe based approach helps you to delivering global scale cloud services into your infrastructure using Windows Server 2016 **Who This Book Is For** This book is for system administrators and IT professionals with experience in Windows Server 2012 R2 environments who are looking to acquire the skills and knowledge necessary to manage and maintain the core infrastructure required for a Windows Server 2016 environment **What You Will Learn** Build the infrastructure required for a successful Windows network Navigate the new Server 2016 interface efficiently Implement solid networking and security practices into your Windows Server environment Design your own PKI and start issuing certificates today Explore the brand new Nano Server functionality Enable nested virtualization on Hyper V and Server Connect your remote laptops back to the corporate network using Microsoft's own remote access technologies including DirectAccess Provide a centralized point for users to access applications and data by configuring Remote Desktop Services Compose optimal Group Policies Facilitate task automation with PowerShell 5.0 scripting **In Detail** This hands on Cookbook is stuffed full of practical recipes that will help you handle the essential administrative tasks in Windows Server 2016 You'll start by familiarizing yourself with the look and feel of Windows Server 2016 and will then learn how to navigate through some daily tasks using the graphical interface You will see how to compose optimal Group Policies and facilitate task

automation with PowerShell 5.0 scripting. We will also take a look at the functions available to provide remote network access to your traveling users and explore the much anticipated Nano Server and Hyper V built in integration support that is brand new in Windows Server 2016. By the end of this book you will know how to take your Windows Server 2016 powered server and turn it into any common infrastructure role that might be required in your company. Style and approach. The book follows a recipe based approach that starts with an introduction and the installation of Windows Server 2016 then dives into the powerful features and then ends with the concept of security.

**Microsoft Windows Communication Foundation 4.0**

**Cookbook for Developing SOA Applications** Steven Cheng, 2010-10-20 Over 85 easy recipes for managing communication between applications with Microsoft Windows Communication Foundation 4.0 in this book and eBook.

**Windows Server 2016 Security, Certificates, and Remote Access Cookbook** Jordan Krause, 2018-04-27 This book contains more than 25

hands on recipes that will equip you to build a PKI and roll out remote access capabilities via Microsoft DirectAccess and VPN. This book also contains tips and tricks for increasing the security footprint of your Windows Server infrastructure. Key Features Identify and mitigate security risks in your Windows Server 2016 infrastructure. Learn how to build a PKI and use it to issue certificates within your network. In depth information for setting up Microsoft DirectAccess.

Book Description Windows Server 2016 is an operating system designed to run on today's highly performant servers both on premise and in the cloud. It supports enterprise level data storage, communications management and applications. This book builds off a basic knowledge of the Windows Server operating system and assists administrators with taking the security of their systems one step further. You will learn tips for configuring proper networking especially on multi homed systems and tricks for locking down access to your servers. Then you will move onto one of the hottest security topics of the year certificates. You will learn how to build your own PKI or how to better administer one that you already have. You will publish templates, issue certificates and even configure autoenrollment in your network. When we say networking we don't only mean inside the LAN. To deal safely with mobile devices you will learn about the capabilities of Windows Server 2016 for connecting these assets securely back into the corporate network with information about DirectAccess and VPN. The material in the book has been selected from the content of Packt's Windows Server 2016 Cookbook by Jordan Krause to provide a specific focus on these key Windows Server tasks.

What you will learn Implement solid networking and security practices into your Windows Server environment. Design your own PKI and start issuing certificates today. Connect your remote laptops back to the corporate network using Microsoft's own remote access technologies including DirectAccess. Learn to use commands that will help you with monitoring network traffic. Build and explore your first Server Core instance today. Who this book is for If you are a Windows Server administrator interested in learning the key security and networking functions available in Windows Server 2016 keep this book close at hand. If you are a server administrator setting up certificate services for the first time you will also benefit from the step by step instructions on implementation of a PKI.

**Windows Server Cookbook** Robbie

Allen,2005-03-18 For Windows server 2003 and Windows 2000 Cover [Windows Application Development Cookbook](#)  
Marcin Jamro,2016-12-21 Discover over 125 solution based recipes to help you build applications for smartphones tablets and desktops Key Features Learn to build applications for Windows 10 the latest Windows version Develop your applications to be compatible with smartphones tablets and desktops This guide is packed with recipes covering major solutions to day to day problems faced by Windows programmers Book Description Need to ensure you can always create the best Windows apps regardless of platform What you need are solutions to the biggest issues you can face so you can always ensure you're making the right choices and creating the best apps you can The book starts with recipes that will help you set up the integrated development environment before you go ahead and design the user interface You will learn how to use the MVVM design pattern together with data binding as well as how to work with data in different file formats Moving on you will explore techniques to add animations and graphics to your application and enable your solution to work with multimedia content You will also see how to use sensors such as an accelerometer and a compass as well as obtain the current GPS location You will make your application ready to work with Internet based scenarios such as composing e mails or downloading files before finally testing the project and submitting it to the Windows Store By the end of the book you will have a market ready application compatible across different Windows devices including smartphones tablets and desktops What you will learn Start developing universal applications for Windows 10 Design user interface in the XAML language Use the MVVM design pattern with data binding Store data in files and in a database Use multimedia content and animations Capture data from built in sensors Handle various Internet based scenarios Test the application and submit it to the Windows Store Who this book is for The book is dedicated to programmers with various experience of developing applications for Windows based smartphones tablets and desktops even beginners can find suitable content [Windows Server 2012 Automation with Powershell Cookbook](#) Ed Goad,2013-03-26 Cookbook with recipes based on real life examples This book is written to assist the daily tasks for systems administrators engineers and architects working with Windows Server 2012

**Microsoft System Center Data Protection Manager Cookbook** Charbel Nemnom,Patrick Lownds,2018-12-26 Over 60 recipes to achieve a robust and advanced backup and recovery solution leveraging SCDPM Key Features Adapt to the modern data center design challenges and improve storage efficiency Effective recipes to help you create your own robust architectural designs Solve data protection and recovery problems in your organization Book Description System Center Data Protection Manager SCDPM is a robust enterprise backup and recovery system that contributes to your BCDR strategy by facilitating the backup and recovery of enterprise data With an increase in data recovery and protection problems faced in organizations it has become important to keep data safe and recoverable This book contains recipes that will help you upgrade to SCDPM and it covers the advanced features and functionality of SCDPM This book starts by helping you install SCDPM and then moves on to post installation and management tasks You will come across a lot of useful recipes that will

help you recover your VMware and Hyper V VMs It will also walk you through tips for monitoring SCDPM in different scenarios Next the book will also offer insights into protecting windows workloads followed by best practices on SCDPM You will also learn to back up your Azure Stack Infrastructure using Azure Backup You will also learn about recovering data from backup and implementing disaster recovery Finally the book will show you how to configure the protection groups to enable online protection and troubleshoot Microsoft Azure Backup Agent What you will learnInstall and prepare SQL Server for the SCDPM databaseReduce backup storage with SCDPM and data deduplicationLearn about the prerequisites for supported Hyper V Server protectionIntegrate SCDPM with other System Center products to build optimal servicesProtect and restore the SCDPM databaseProtect your data center by integrating SCDPM with Azure BackupManually create online recovery points and recover production data from AzureProtect and learn about the requirements to recover Azure Stack with SCDPMWho this book is for If you are an SCDPM administrator this book will help you verify your knowledge and provide you with everything you need to know about the new release of System Center Data Protection Manager [Building Web Services with Microsoft Azure](#) Alex Belotserkovskiy,Nikhil Sachdeva,Stephen Kaufman,2015-05-27 If you are a .NET developer who wants to develop end to end RESTful applications in the cloud then this book is for you A working knowledge of C will help you get the most out of this book **Microsoft System Center Endpoint Protection Cookbook** Nicolai Henriksen,2016-12-19 Over 31 simple yet incredibly effective recipes for installing and managing System Center 2016 Endpoint Protection About This Book This is the most practical and up to date book covering important new features of System Center 2016 Endpoint protection Gain confidence in managing IT and protecting your server against malware and other threats Configure and automate reporting features and also prepare yourself for a simple and pain free migration process Who This Book Is For If you are a System Administrator or Engineer using System Center 2016 Endpoint Protection then this book is for you You should have a good background with Microsoft products in general although no knowledge of Endpoint Protection is required What You Will Learn Explore the best practices for Endpoint Protection in System Center Configuration Manager Provision the Endpoint Protection Client in a Disk Image in Configuration Manager Get to know more about the Security Center Configure definition and engine client updates to be optimum for your bandwidth Make your application or server work with Endpoint Protection enabled Find out how to deal with typical issues that may occur with Endpoint Protection Know how to respond to infections that often occur In Detail System Center Configuration Manager is now used by over 70% of all the business in the world today and many have taken advantage engaging the System Center Endpoint Protection within that great product Through this book you will gain knowledge about System Center Endpoint Protection and see how to work with it from System Center Configuration Manager from an objective perspective We ll show you several tips tricks and recipes to not only help you understand and resolve your daily challenges but hopefully enhance the security level of your business Different scenarios will be covered such as planning and setting up Endpoint Protection

daily operations and maintenance tips configuring Endpoint Protection for different servers and applications as well as workstation computers You ll also see how to deal with malware and infected systems that are discovered You ll find out how to perform OS deployment Bitlocker and Applocker and discover what to do if there is an attack or outbreak You ll find out how to ensure good control and reporting and great defense against threats and malware software You ll see the huge benefits when dealing with application deployments and get to grips with OS deployments software updates and disk encryption such as Bitlocker By the end you will be fully aware of the benefits of the System Center 2016 Endpoint Protection anti malware product ready to ensure your business is watertight against any threat you could face Style and approach Build robust SCEP and AV policies and discover the new potential of exciting new features of SCEP 2016

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