

Sql Server 2014 With Powershell V5 Cookbook

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Windows Server 2016 Automation with PowerShell Cookbook
PowerShell Cookbook
Microsoft Exchange Server PowerShell Cookbook
Microsoft Exchange Server 2016 PowerShell Cookbook
Windows Server 2019 Automation with PowerShell Cookbook
Tableau 10 Business Intelligence Cookbook
PowerShell Advanced Cookbook
PowerShell Core for Linux Administrators Cookbook
Powershell Core 6.2 Cookbook
Windows Server Automation with PowerShell Cookbook
SQL Server 2012 with PowerShell V3 Cookbook
Windows Server 2019 Cookbook
Microsoft 365 Administration Cookbook
Microsoft IIS 10.0 Cookbook
Microsoft Intune Cookbook
Puppet 5 Cookbook
Microsoft Dynamics 365 Extensions Cookbook
Entity Framework Core Cookbook
Kotlin Cookbook
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Microsoft Intune Cookbook
Puppet 5 Cookbook
Microsoft Dynamics 365 Extensions Cookbook
Entity Framework Core Cookbook
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Donabel Santos Thomas Lee Lee Holmes Jonas Andersson Jonas Andersson Thomas Lee Donabel Santos Morten Elmstrøm Hansen Prashanth Jayaram Jan-Hendrik Peters Thomas Lee Donabel Santos Mark Henderson Nate Chamberlain Ashraf Khan Andrew Taylor Thomas Uphill Rami Mounla Ricardo Peres Ken Kousen

over 150 real world recipes to simplify database management automate repetitive tasks and enhance your productivity about this book this book helps you build a strong foundation to get you comfortable using powershell with sql server empowering you to create more complex scripts for your day to day job the book provides numerous guidelines tips and explanations on how and when to use powershell cmdlets wmi smo net classes or other components it offers easy to follow practical recipes to help you get the most out of sql server and powershell who this book is for if you are a sql server database professional dba developer or bi developer who wants to use powershell to automate integrate and simplify database tasks this books is for you prior knowledge of scripting would be helpful but it is not necessary what you will learn explore database objects and execute queries on multiple servers manage and monitor the running of sql server services and accounts back up and restore databases create an inventory of database properties and server configuration settings maintain permissions and security for users work with clr assemblies xml and blob objects in sql manage and deploy ssis packages and ssrs reports in detail powershell can be leveraged when automating and streamlining sql server tasks powershell comes with a rich set of cmdlets and integrates tightly with the net framework its scripting capabilities are robust and flexible allowing you to simplify automation and integration across different microsoft applications and components the book starts with an introduction to the new features in sql server 2014 and powershell v5 and the installation of sql server you will learn about basic sql server administration tasks and then get to know about some security related topics such as the authentication mode and assigning permissions moving on you will explore different methods to back up and restore your databases and perform advanced administration tasks such as working with policies filetables and sql audits the next part of the book covers more advanced hadr tasks such as log shipping and data mirroring and then shows you how to develop your server to work with blob xml and json following on from that you will learn about sql server s bi stack which includes ssrs reports the ssis package and the ssas cmdlet and database snippets not specific to sql server will help you perform tasks quickly on sql servers towards the end of the book you will find some useful information which includes a powershell tutorial for novice users some commonly used powershell and sql server syntax and a few online resources finally you will create your own sql server sandbox vms all these concepts will help you to efficiently manage your administration tasks style and approach sql server 2014 with powershell v5 cookbook is an example focused book that provides step by step instructions on how to accomplish specific sql server tasks

using powershell each recipe is followed by an analysis of the steps or design decisions taken and additional information about the task at hand working scripts are provided for all examples so that you can dive in right away you can read this book sequentially by chapter or you can pick and choose which topics you need right away

over 100 recipes to help you leverage powershell to automate windows server 2016 manual tasks about this book automate windows server tasks with the powerful features of the powershell language master new features such as devops containers and nano servers and speed up their performance using powershell improve powershell s usability and control and manage windows based environments by working through inviting recipes who this book is for if you are a systems administrator engineer or an architect working with windows server 2016 and want to automate tasks with powershell then this book is for you a basic knowledge of powershell is expected what you will learn streamline routine administration processes improve the performance and storage of your windows server with enhanced large scale powershell scripts use dsc to leverage windows server features generate automatic reports that highlight unexpected changes in your environment monitor performance and report on system utilization using detailed graphs and analysis create and manage a reliable and redundant hyper v environment manage your enterprise s patch level utilize multiple tools and protocols to manage your environment in detail this book showcases several ways that windows administrators can use to automate and streamline their job you ll start with the powershell and windows server fundamentals where you ll become well versed with powershell and windows server features in the next module core windows server 2016 you ll implement nano server manage windows updates and implement troubleshooting and server inventories you ll then move on to the networking module where you ll manage windows network services and network shares the last module covers azure and dsc where you will use azure on powershell and dsc to easily maintain windows servers style and approach this is a practical guide packed with attractive recipes to help you effectively use powershell to accelerate your daily administrative tasks with windows server

how do you use powershell to navigate the filesystem manage files and folders or retrieve a web page this introduction to the powershell language and scripting environment provides more than 400 task oriented recipes to help you solve all kinds

of problems intermediate to advanced system administrators will find more than 100 tried and tested scripts they can copy and use immediately updated for powershell 5.1 and open source powershell up to 7.0 and beyond this comprehensive cookbook includes hands on recipes for common tasks and administrative jobs that you can apply whether you're on the client or server version of windows you also get quick references to technologies used in conjunction with powershell including regular expressions the xpath language format specifiers and frequently referenced net.com and wmi classes learn how to use powershell on windows 10 and windows server 2019 tour powershell's core features including the command model object based pipeline and ubiquitous scripting master fundamentals such as the interactive shell pipeline and object concepts perform common tasks that involve working with files internet connected scripts user interaction and more solve tasks in systems and enterprise management such as working with active directory and the filesystem

microsoft exchange server 2013 is a complex messaging system windows powershell 5 can be used in conjunction with exchange server 2013 to automate and manage routine and complex tasks to save time and money and eliminate errors starting by going through key powershell concepts and the exchange management shell this book will get you automating tasks that used to take hours in no time diving deeper you will then manage your mailbox database client access and your transport servers with simple but effective scripts this book finishes with advanced recipes on exchange server problems such as managing distribution groups and maintaining high availability and security

make the most of powershell's features to manage all aspects of your exchange server 2016 environment about this book learn to integrate powershell with exchange server 2016 write scripts and functions to run tasks automatically and generate complex reports with powershell use these effective recipes to learn all popular and important powershell scripts to manage tasks and avoid errors who this book is for this book is for messaging professionals who want to build real world scripts with windows powershell and the exchange management shell you'll also find it indispensable if you're a network or systems administrator responsible for managing and maintaining exchange server 2016 what you will learn master the new features and capabilities of powershell and exchange server 2016 get to grips with the core powershell concepts use simple powershell scripts and commands to get powerful results generate detailed reports send the output of commands by email

and schedule scripts to run automatically import export and move mailboxes and delete messages from mailboxes using the command line configure transport server settings such as mail relay tracking logs transport rules delivery reports and more manage mailbox and public folders monitor the health of an exchange environment through built in cmdlets and other methods integrate exchange with office online server skype for business server and exchange online office 365 in detail we start with a set of recipes on core powershell concepts this will provide you with a foundation for the examples in the book next you ll see how to implement some of the common exchange management shell tasks so you can effectively write scripts with this latest release you will then learn to manage exchange recipients automate recipient related tasks in your environment manage mailboxes and understand distribution group management within the exchange management shell moving on we ll work through several scenarios where powershell scripting can be used to increase your efficiency when managing databases which are the most critical resources in your exchange environment towards the end you ll discover how to achieve exchange high availability and how to secure your environment monitor the health of exchange and integrate exchange with office online server skype for business server and exchange online office 365 by the end of the book you will be able to perform administrative tasks efficiently style and approach this practical guide is packed with handy recipes to help you perform common administration tasks as well as complex tasks in exchange server without any hassle

automate windows server tasks with the powerful features of the powershell language key featuresleverage powershell to automate complex windows server tasks master new features such as devops and containers and speed up their performance using powershellimprove powershell s usability and control and manage windows based environments by working through exciting recipesbook description windows server 2019 represents the latest version of microsoft s flagship server operating system it also comes with powershell version 5 1 and has a number of additional features that it pros find useful the book helps the reader learn how to use powershell and manage core roles features and services of windows server 2019 you will begin with creating a powershell administrative environment that has updated versions of powershell and the windows management framework updated versions of the net framework and third party modules next you will learn to use powershell to set up and configure windows server 2019 networking and also managing objects in the ad environment you will also learn to set up a host to utilize

containers and how to deploy containers you will also be implementing different mechanisms for achieving desired state configuration along with getting well versed with azure infrastructure and how to setup virtual machines web sites and shared files on azure finally you will be using some powerful tools you can use to diagnose and resolve issues with windows server 2019 by the end of the book you will learn a lot of trips and tricks to automate your windows environment with powershell what you will learnperform key admin tasks on windows server 2019employing best practices for writing powershell scripts and configuring windows server 2019use the net framework to achieve administrative scriptingset up vms websites and shared files on azurereport system performance using built in cmdlets and wmi to obtain single measurementsknow the tools you can use to diagnose and resolve issues with windows serverwho this book is for if you are a systems administrator engineer or an architect working with windows server 2016 interested in upgrading to windows server 2019 and automating tasks with powershell then this book is for you a basic knowledge of powershell is expected

create powerful effective visualizations to help analyze your data with tableau 10 by your side about this book cook your favorite tableau 10 business intelligence recipe with the help of this easy to follow book build beautiful interactive dashboards and visualizations in tableau 10 that help you make informed decisions this rich collection of independent recipes cover everything needed to become an advanced tableau user and get an edge over other tableau users who this book is for this book is targeted to business data and analytics professionals who want to build rich interactive visualizations using tableau familiarity with previous versions of tableau would be helpful but is not necessary what you will learn become familiar with the tableau interface build basic to more advanced charts with step by step recipes use filters calculated fields parameters and actions to add interactivity to charts and dashboards prepare and transform data for analysis using tableau s built in tools and functions create effective and compelling dashboards and story points leverage tableau s mapping capabilities to visualize location and shape data integrate analytics and forecasting to enhance data analysis get to know tips and tricks to work more quickly and effectively in tableau increase your confidence and competence in creating rich interactive visualizations in tableau in detail tableau is a software tool that can speed up data analysis through its rich visualization capabilities and help uncover insights for better and smarter decision making this book is for the business technology data and analytics professionals who use and analyze data and data

driven approaches to support business operations and strategic initiatives in their organizations this book provides easy to follow recipes to get the reader up and running with tableau 10 and covers basic to advanced use cases and scenarios the book starts with building basic charts in tableau and moves on to building more complex charts by incorporating different tableau features and interactivity components there is an entire chapter dedicated to dashboard techniques and best practices a number of recipes specifically for geospatial visualization analytics and data preparation are also covered by the end of this book you ll have gained confidence and competence to analyze and communicate data and insights more efficiently and effectively by creating compelling interactive charts dashboards and stories in tableau style and approach this book is a collection of independent recipes that cover a wide range of options for data visualization on offer with tableau with the help of the recipes in this book you can explore tableau and pick the business intelligence solution that s best suited for your needs

fully unleash your scripting powers and capabilities with powershell key features powershell administration fundamentals advanced scripting and automation enterprise and cloud administration description powershell is a powerful scripting language automation framework and command line shell developed by microsoft that is built on the net framework it is an essential tool because it allows system administrators and developers to automate and optimize complex administrative tasks across multiple systems efficiently powershell s deep integration with windows and other microsoft products makes it an invaluable tool for administrating managing and optimizing windows environments designed as a cookbook this book enables readers to expand and build upon their current powershell knowledge and skillset topics covered in detail include creating powershell unit tests using pester managing and administrating azure and aws cloud services remote script execution active directory management powershell desired state configuration and more each chapter includes recipes that delves into the topics accompanied by code examples and walkthroughs after reading this book readers would have gained the knowledge and skills that will enable them to build better and more advanced scripts and applications while also understanding key principles of automation and optimization this will also aid the readers to streamline processes and enhance administrative tasks more efficiently using powershell what you will learn develop advanced powershell functions classes and scripts with sophisticated flow control manage errors effectively including custom error classes in scripts and background jobs

securely handle remote sessions using powershell remoting for enhanced management utilize pester for unit testing and mocking dependencies ensuring script reliability administer active directory objects and cloud services like azure and aws including microsoft 365 applications build gui applications and windows services from powershell scripts with sapien powershell studio ide who this book is for this book is intended for developers and system administrators with a novice or intermediate understanding of powershell who are looking to advance their skills

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over 150 recipes to leverage microsoft's open source automation framework and command line shell key features work effectively on windows linux and macos with powershell's object oriented approach and capabilities handle structured data seamlessly without the need for manual parsing enhance your native linux capabilities with powershell core 6

1 book description powershell core the open source cross platform that is based on the open source cross platform net core is not a shell that came out by accident it was intentionally created to be versatile and easy to learn at the same time powershell core enables automation on systems ranging from the raspberry pi to the cloud powershell core for linux administrators cookbook uses simple real world examples that teach you how to use powershell to effectively administer your environment as you make your way through the book you will cover interesting recipes on how powershell core can be used to quickly automate complex repetitive and time consuming tasks in the concluding chapters you will learn how to develop scripts to automate tasks that involve systems and enterprise management by the end of this book you will have learned about the automation capabilities of powershell core including remote management using openssh cross platform enterprise management working with docker containers and managing sql databases what you will learn leverage the object model of the shell which is based on net core administer computers locally as well as remotely using powershell over openssh get to grips with advanced concepts of powershell functions use powershell for administration on the cloud know the best practices pertaining to powershell

scripts and functions exploit the cross platform capabilities of powershell to manage scheduled jobs docker containers and sql databases who this book is for powershell core for linux administrators cookbook is for you if you are a system administrator who wants to learn to control and automate a linux environment with powershell core 6 1 basic knowledge of powershell scripting is necessary it is assumed that you already understand how an operating system is structured and how to use the command line interface to work with the operating system

make use of hands on recipes for many tasks that are typically encountered in both the on premises as well as the cloud world key features a recipe based guide to help you build effective administrative solutions gain hands on experience with the newly added features of powershell core manage critical business environments with professional scripting practices book description this book will follow a recipe based approach and start off with an introduction to the fundamentals of powershell and explaining how to install and run it through simple examples next you will learn how to use powershell to access and manipulate data and how to work with different streams as well you will also explore the object model which will help with regard to powershell function deployment going forward you will get familiar with the pipeline in its different use cases the next set of chapters will deal with the different ways of accessing data in powershell you will also learn to automate various tasks in windows and linux using powershell core as well as explore windows server later you will be introduced to remoting in powershell core and just enough administration concept the last set of chapters will help you understand the management of a private and public cloud with powershell core you will also learn how to access web services and explore the high performance scripting methods by the end of this book you will gain the skills to manage complex tasks effectively along with increasing the performance of your environment what you will learn leverage cross platform interaction with systems make use of the powershell recipes for frequent tasks get a better understanding of the inner workings of powershell understand the compatibility of built in windows modules with powershell core learn best practices associated with powershell scripting avoid common pitfalls and mistakes who this book is for this book will be for windows administrators who want to enhance their powershell scripting skills to the next level system administrators wanting to automate common to complex tasks with powershell scripts would benefit from this book prior understanding on powershell would be necessary

develop a holistic understanding of windows server with over 100 powershell recipes key features updated with new recipes on the net framework enterprise server security and managing windows server with wilearn powershell best practices to automate common tasks and manage ad enterprise security azure and net 5 discover new ways to optimize your powershell code by working through easy to follow recipes book description with a foreword from powershell creator jeffrey snover this heavily updated edition is designed to help you learn how to use powershell 7 1 effectively and manage the core roles features and services of windows server in an enterprise setting all scripts are compatible with both window server 2022 and 2019 this latest edition equips you with over 100 recipes you ll need in day to day work covering a wide range of fundamental and more advanced use cases we look at how to install and configure powershell 7 1 along with useful new features and optimizations and how the powershell compatibility solution bridges the gap to older versions of powershell topics include using powershell to manage networking and dhcp in windows server objects in active directory hyper v and azure debugging is crucial so the book shows you how to use some powerful tools to diagnose and resolve issues with windows server what you will learn perform key admin tasks on windows server keep your organization secure with jea group policies logs and windows defender use the net framework for administrative scripting manage data and storage on windows including disks volumes and filesystems create and configure hyper v vms implementing storage replication and checkpoints set up virtual machines websites and shared files on azure report system performance using built in cmdlets and wmi to obtain single measurements apply the right tools and modules to troubleshoot and debug windows server who this book is for this book is for systems administrators software architects developers or engineers working with windows server seeking to automate tasks more effectively with powershell 7 1 basic knowledge of powershell is expected

sql server 2012 with powershell v3 cookbook is an example focused book that provides step by step instructions on how to accomplish specific sql server tasks using powershell each recipe is followed by an analysis of the steps or design decisions taken and additional information about the task at hand working scripts are provided for all examples so that you can dive in right away you can read this book sequentially by chapter or you can pick and choose which topics you need right away this book is written for the sql server database professional dba developer bi developer who wants to use powershell to automate integrate and simplify database

tasks a little bit of scripting background is helpful but not necessary

efficiently manage and administer enterprise environments using microsoft windows server 2019 key featuresleverage windows server 2019 to improve enterprise workflow efficiency and increase productivitydeliver enterprise grade cloud services that can be applied in your infrastructureget up and running with powershell and the all new hyper v improvementsbook 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 learnget up and running with windows server 2019 s new featuresinstall configure and administer windows server 2019 effectivelyconfigure the server to host any enterprise applicationdiscover ways to manage a server without a guisafeguard your virtual machines in the event of server failureexplore new ways to integrate windows server with microsoft azuredeploy windows containers using dockerwho 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

make the most out of your investment in microsoft 365 apps and services with this microsoft 365 cookbook for it administrators key features discover how microsoft 365 collaboration apps seamlessly integrate with other microsoft products like microsoft entra id purview defender and power platform use powershell to

automate tasks and improve your overall efficiency in microsoft 365 uncover best practices for managing microsoft 365 apps and services purchase of the print or kindle book includes a free pdf ebook book description step into the world of microsoft 365 administration with this comprehensive second edition of the microsoft 365 administration cookbook leveraging the expertise of nate chamberlain a microsoft 365 expert who has helped millions through his books blog and youtube channel this book breaks down complex administration tasks into manageable bite sized recipes covering everything from setting up your tenant to mastering identity roles this edition also highlights the power of powershell to boost your capabilities you ll learn how to manage communication collaboration security compliance and more within microsoft 365 packed with practical recipes for both common and advanced administrative tasks you ll gain expertise in managing sharepoint online and microsoft teams and refining user management with microsoft entra id you ll also learn how to configure viva engage fortify your defenses with microsoft defender and ensure compliance with microsoft purview by the end of this book you ll have sharpened your administrative skills gleaned actionable insights and learned best practices whether you re a veteran admin looking for innovative solutions or a newcomer building a solid skill set this cookbook is an indispensable resource for your professional growth what you will learn understand the different microsoft 365 subscription options and their differences explore the apps and services currently available on microsoft 365 for your organization simplify app configurations and administrative tasks with easy to follow recipes administer microsoft 365 identities and groups securely and efficiently manage microsoft 365 apps and services such as sharepoint and microsoft teams to maximize their value in your organization automate user account provisioning in microsoft entra id using powershell and microsoft graph who this book is for this book is for it professionals tasked with microsoft 365 administration whether you re new to microsoft 365 administration or just looking for ideas this cookbook offers step by step recipes and detailed guidance to enhance your organization s app and service management and productivity this new edition will also help you stay up to date with the latest features and capabilities in microsoft 365

over 60 recipes to install configure and manage your iis 10 0 about this book provide a secure easy to manage extensible platform for hosting your websites leverage iis 10 0 in order to deploy web site in seconds integrate windows and nano server 2016 and automate it with powershell recipes to manage and monitor your iis 10 0 who

this book is for if you are an administrator or web developer with a basic or no knowledge of microsoft iis and want to set up your own web server then this is the book for you what you will learn integrate iis 10 0 on windows server 2016 host multiple websites and wildcard host on iis 10 0 deploy and administrate iis 10 0 on nano server iis administration with powershell manage and troubleshoot iis 10 0 in detail this book will start with customizing your iis 10 to various platforms os and tune it according to your business requirements moving on we will focus on the functionalities of core fundamentals and perform practical scenarios in order to maximize the use of a reliable web server going further we will be covering topics like iis 10 architecture iis modules hosting web server platforms virtual directories along with web site deployment ports enhanced security we will also cover new features of iis 10 like integration with windows server 2016 and nano server http 2 powershell 5 cmdlets etc towards the end we will cover troubleshooting diagnostic techniques of iis 10 by the end of this book you will be well versed with maximizing the reliability of your webserver and will have immense knowledge in using iis 10 effectively style and approach a set of exciting recipes on using microsoft iis 10 0 effectively

get started with microsoft intune and explore its many facets including task automation with microsoft graph and powershell key features set up and configure a robust mobile device management mdm environment using best practices implement and enforce compliance security and application policies to streamline device management manage windows android ios and macos devices seamlessly with intune purchase of the print or kindle book includes a free pdf ebook book descriptionmicrosoft intune is a powerful cloud managed mobile device management mdm tool that empowers you to manage your end user device estate across various platforms while it is an excellent platform the initial setup and configuration can be a daunting process and mistakes made early on can be more challenging to resolve later this book addresses these issues by guiding you through the end to end configuration of an intune environment incorporating best practices and utilizing the latest functionalities in addition to setting up your environment you ll delve into the microsoft graph platform to understand the underlying mechanisms behind the web gui this knowledge will enable you to automate a significant portion of your daily tasks using powershell by the end of this book you ll have established an intune environment that supports windows apple ios apple macos and android devices you ll possess the expertise to add new configurations policies and applications tailoring an environment to your specific requirements additionally you

ll have the ability to troubleshoot any issues that may arise and package and deploy your company applications overall this book is an excellent resource for anyone who wants to learn how to use microsoft intune to manage their organization s end user devices what you will learn set up your intune tenant and associated platform connections deploy and manage security and compliance policies of your organization s devices package deploy and update your applications using intune monitor report and troubleshoot your environment with advanced tools leverage powershell to automate your daily tasks understand the underlying workings of the microsoft graph platform and how it interacts with intune who this book is for this book is for it professionals end user device administrators and system administrators looking to implement optimize or automate microsoft intune whether you re transitioning from on premises management to cloud based endpoint security or seeking to enhance your existing intune deployment this book provides practical solutions automation strategies and best practices to make device management seamless

write custom plugins for puppet including facts providers and functions key features grasp recipes that work with centralized and decentralized deployments explore language differences and enhancements anticipated in puppet version 5 x gain expert understanding of puppet s latest and most advanced features book description puppet is a configuration management system that automates all your it configurations giving you control of managing each node puppet 5 cookbook will take you through puppet s latest and most advanced features including docker containers hiera and aws cloud orchestration updated with the latest advancements and best practices this book delves into various aspects of writing good puppet code which includes using puppet community style checking your manifests with puppet lint and learning community best practices with an emphasis on real world implementation you will learn to set up install and create your first manifests with version control and also learn about various sysadmin tasks including managing configuration files using augeas and generating files from snippets and templates as the book progresses you ll explore virtual resources and use puppet s resource scheduling and auditing features in the concluding chapters you ll walk through managing applications and writing your own resource types providers and external node classifiers by the end of this book you will have learned to report log and debug your system what you will learn discover the latest and most advanced features of puppet master techniques to deal with centralized and decentralized puppet

deployments use exported resources and forge modules to configure and deploy applications create efficient manifests to streamline your deployments automate deployment of puppet environment using git hooks deploy aws instances and docker containers with puppet make puppet reliable performant and scalable who this book is for puppet 5 cookbook is for anyone who builds and administers servers especially in a web operations context you ll need some experience of linux systems administration including familiarity with the command line filesystem and text editing no prior programming experience is required

more than 80 recipes to help you leverage the various extensibility features available for microsoft dynamics and solve problems easily about this book customize configure and extend the vanilla features of dynamics 365 to deliver bespoke crm solutions fit for any organization implement business logic using point and click configuration plugins and client side scripts with ms dynamics 365 built a devops pipeline as well as integrate dynamics 365 with azure and other platforms who this book is for this book is for developers administrators consultants and power users who want to learn about best practices when extending dynamics 365 for enterprises you are expected to have a basic understand of the dynamics crm 365 platform what you will learn customize configure and extend microsoft dynamics 365 create business process automation develop client side extensions to add features to the dynamics 365 user interface set up a security model to securely manage data with dynamics 365 develop and deploy clean code plugins to implement a wide range of custom behaviors use third party applications tools and patterns to integrate dynamics 365 with other platforms integrate with azure java ssis powerbi and octopus deploy build an end to end devops pipeline for dynamics 365 in detail microsoft dynamics 365 is a powerful tool it has many unique features that empower organisations to bridge common business challenges and technology pitfalls that would usually hinder the adoption of a crm solution this book sets out to enable you to harness the power of dynamics 365 and cater to your unique circumstances we start this book with a no code configuration chapter and explain the schema fields and forms modeling techniques we then move on to server side and client side custom code extensions next you will see how best to integrate dynamics 365 in a devops pipeline to package and deploy your extensions to the various sdlc environments this book also covers modern libraries and integration patterns that can be used with dynamics 365 angular 3 tiers and many others finally we end by highlighting some of the powerful extensions available throughout we explain a

range of design patterns and techniques that can be used to enhance your code quality the aim is that you will learn to write enterprise scale quality code style and approach this book takes a recipe based approach delivering practical examples and use cases so that you can identify the best possible approach to extend your dynamics 365 deployment and tackle your specific business problems

leverage the full potential of entity framework with this collection of powerful and easy to follow recipes about this book learn how to use the new features of entity framework core 1 improve your queries by leveraging some of the advanced features avoid common pitfalls make the best of your net apis by integrating with entity framework who this book is for this book is for net developers who work with relational databases on a daily basis and understand the basics of entity framework but now want to use it in a more efficient manner you are expected to have some prior knowledge of entity framework what you will learn master the technique of using sequence key generators validate groups of entities that are to be saved updated improve mvc applications that cover applications developed using asp net mvc core 1 retrieve database information table column names and so on for entities discover optimistic concurrency control and pessimistic concurrency control implement multilatency on the data side of things enhance the performance and or scalability of entity framework core explore and overcome the pitfalls of entity framework core in detail entity framework is a highly recommended object relation mapping tool used to build complex systems in order to survive in this growing market the knowledge of a framework that helps provide easy access to databases that is entity framework has become a necessity this book will provide net developers with this knowledge and guide them through working efficiently with data using entity framework core you will start off by learning how to efficiently use entity framework in practical situations you will gain a deep understanding of mapping properties and find out how to handle validation in entity framework the book will then explain how to work with transactions and stored procedures along with improving entity framework using query libraries moving on you will learn to improve complex query scenarios and implement transaction and concurrency control you will then be taught to improve and develop entity framework in complex business scenarios with the concluding chapter on performance and scalability this book will get you ready to use entity framework proficiently style and approach filled with rich code based examples this book takes a recipe based approach that will teach net developers to improve their understanding of entity framework and help them

effortlessly apply this knowledge in everyday situations

use kotlin to build android apps web applications and more while you learn the nuances of this popular language with this unique cookbook developers will learn how to apply this java based language to their own projects both experienced programmers and those new to kotlin will benefit from the practical recipes in this book author ken kousen modern java recipes shows you how to solve problems with kotlin by concentrating on your own use cases rather than on basic syntax you provide the context and this book supplies the answers already big in android development kotlin can be used anywhere java is applied as well as for ios development native applications javascript generation and more jump in and build meaningful projects with kotlin today apply functional programming concepts including lambdas sequences and concurrency see how to use delegates late initialization and scope functions explore java interoperability and access java libraries using kotlin add your own extension functions use helpful libraries such as junit 5 get practical advice for working with specific frameworks like android and spring

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