

Windows Powershell 4 0 For Net Developers Talaat Sherif

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Windows PowerShell Step by Step Ed Wilson 2015-10-13

Your hands-on guide to Windows PowerShell scripting fundamentals Expand your expertise--and teach yourself the fundamentals of Windows PowerShell scripting, including features available in Windows PowerShell 5. If you are an IT professional, power user, or consultant, you'll get the guidance, exercises, and code you need to master core techniques for automating Windows setup, deployment, and management. Discover how to: Run cmdlets and command-line utilities Administer Windows-based servers and desktops with built-in cmdlets Use providers to access external information Write and run scripts from the Windows ISE Create functions that are easy to maintain Build standardized environments with profiles Automate Windows systems with WMI, CIM cmdlets, and remoting Automate Active Directory Domain Services (AD DS) Debug scripts and handle errors Run commands that survive interruptions Use Desired State Configuration (DSC) to manage software services and their environments Get powerful new modules from PowerShell Gallery About You This book is for: IT professionals and power users who want to get productive with Windows PowerShell, including new features in Windows PowerShell 5 Windows system administrators who want to be more efficient and productive Anyone pursuing Windows PowerShell certifications No experience with Windows PowerShell or other scripting technologies necessary

Inside Microsoft SharePoint 2010 - Ted Pattison 2011-02-15

Build custom SharePoint 2010 solutions with deep architectural insights from the experts. Get a detailed look inside SharePoint 2010—and master the intricacies of developing intranets, extranets, and Web-based applications. Guided by an author team with in-depth knowledge of SharePoint architecture, you'll gain task-oriented guidance and extensive code samples to help you build robust business solutions. Discover how to: Master fundamental development techniques for SharePoint Foundation Deploy your SharePoint application as a sandboxed solution for more stable and security-enhanced code Create page templates, master pages, Web Parts, custom controls, and event handlers Develop custom field types, site columns, content types, and list definitions Query SharePoint lists with the LINQ-to-SharePoint provider Use the Client Object Model in JavaScript and Microsoft Silverlight applications Customize the Enterprise Content Management (ECM) capabilities in SharePoint 2010 Configure and extend Business Connectivity Services (BCS) and Enterprise Search

Windows PowerShell for Developers - Douglas Finke 2012-07-06

Want to perform programming tasks better, faster, simpler, and make them repeatable? Take a deep dive into Windows PowerShell and discover what this distributed automation platform can do. Whether you're a .NET developer or IT pro, this concise guide will show you how PowerShell's scripting language can help you be more productive on everyday tasks. Quickly learn how to create PowerShell scripts and embed them into your existing applications, write "little languages" to solve specific problems, and take charge of your code. This book includes example scripts that you can easily pull apart, tweak, and then use in your own PowerShell and .NET solutions. Slice and dice text, XML, CSV, and JSON with ease Embed PowerShell to provide scripting capabilities for your C# apps Create GUI applications five to ten times faster with less code Leverage PowerShell's capabilities to work with the Internet Interact with DLLs and create objects, automatically display properties, and call methods in live interactive sessions Build domain-specific languages (DSLs) and vocabularies to express solutions more clearly Work with Microsoft Office via the Component Object Model (COM) Discover PowerShell v3 features included with Windows 8 and Windows Server 2012

Pro Windows PowerShell - Hristo Deshev 2008-04-06

Here is your best companion to the capabilities and power that PowerShell offers. Inside this book, you'll discover the object-oriented

features of the shell and how they help in extracting and manipulating data. You'll then learn how to use those features to solve real-world problems: manipulating files, working with text, monitoring systems, and performing operations over the network. In addition, you'll find freely available tools and extensions that help you get results with Windows PowerShell fast.

Windows PowerShell in Action Bruce Payette 2011

A guide to using Windows PowerShell to script Windows administrative tasks and control Windows from the command line.

Windows PowerShell Unleashed - Tyson Kopczynski 2008-12-04

PowerShell gives Windows administrators immense power to automate and customize virtually any administrative task—saving time, increasing productivity, and giving you unprecedented flexibility. PowerShell 2.0 adds important new features that offer even greater control over Windows environments. Windows PowerShell Unleashed will not only give you deep mastery over PowerShell but also a greater understanding of the features being introduced in PowerShell 2.0—and show you how to use it to solve your challenges in your production environment. The authors begin by systematically illuminating PowerShell's core concepts and techniques, helping you leverage whatever Windows scripting experience you may already have. Next, using complete, easy-to-adapt examples, they show how to use PowerShell to manage file systems, permissions, the Registry, WMI objects, Active Directory, Exchange Server, and many other elements of the Windows environment. More than half of this edition's material and examples have been completely rewritten for PowerShell 2.0, and the authors have added seven entirely new chapters—covering security, PowerShell application development, Systems Center Operations Manager 2007, and much more. Whatever Windows systems you manage, Windows PowerShell Unleashed contains the scripts and techniques you need to manage them far more effectively. Install, configure, and customize PowerShell 2.0 and master its command line interface Discover proven best practices for PowerShell scripting Make the most of PowerShell cmdlets—especially the new cmdlets included in PowerShell 2.0 Leverage PowerShell's deep .NET Framework integration Secure your scripts using code signing, execution policies, and PowerShell's built-in security Use custom script functions to manage permissions more efficiently Control the registry locally and remotely and use PowerShell's powerful new registry transactions Use PowerShell as a management interface Automate Exchange Server 2007 administrative tasks Automate the management of Microsoft's new System Center Operations Manager 2007 Preview the forthcoming Graphical PowerShell scripting environment Understand how to manage Active Directory using PowerShell Master using PowerShell with WMI Learn PowerShell 2.0 remoting

Windows PowerShell Cookbook - Lee Holmes 2010-08-20

With more than 250 ready-to-use recipes, this solutions-oriented introduction to the Windows PowerShell scripting environment and language provides administrators with the tools to be productive immediately.

Professional Visual Basic 2010 and .NET 4 - Bill Sheldon 2010-07-15

Intermediate and advanced coverage of Visual Basic 2010 and .NET 4 for professional developers If you've already covered the basics and want to dive deep into VB and .NET topics that professional programmers use most, this is your book. You'll find a quick review of introductory topics—always helpful—before the author team of experts moves you quickly into such topics as data access with ADO.NET, Language Integrated Query (LINQ), security, ASP.NET web programming with Visual Basic, Windows workflow, threading, and more. You'll explore all the new features of Visual Basic 2010 as well as all the essential functions that you need, including .NET features such as LINQ to SQL, LINQ to XML, WCF, and more. Plus, you'll examine exception handling and debugging, Visual Studio features, and ASP.NET web programming. Expert author team

helps you master the tools and techniques you need most for professional programming. Reviews why Visual Basic 2010 will be synonymous with writing code in Visual Studio 2010. Focuses on .NET features such as LINQ, LINQ to SQL, LINQ to XML, WPF, workflow, and more. Discusses exception handling and debugging, data access with ADO.NET, Visual Studio features for Visual Basic developers, Windows programming with Windows Forms, ASP.NET web programming with VB, communication interfaces, Windows workflow, and threading. This Wrox guide presents you with updated coverage on topics you need to know now.

[Windows Azure Developer's e-Book Bundle](#) - Bruce Johnson 2013-10-31

A collection of five must-have Azure titles, from some of the biggest names in the field. Available individually, but at a discounted rate for the collection, this bundle of five e-books covers key developer and IT topics of Windows Azure, including ASP.NET, mobile services, web sites, data storage, and the hybrid cloud. A host of Microsoft employees and MVPs come together to cover the biggest challenges that professionals face when working with Windows Azure. The e-books included are as follows: Windows Azure and ASP.NET MVC Migration, Windows Azure Mobile Services, Windows Azure Web Sites, Windows Azure Data Storage, Windows Azure Hybrid Cloud. This invaluable bundle of e-books will get you up and running confidently and quickly with Windows Azure.

C# 11 and .NET 7 - Modern Cross-Platform Development

Fundamentals - Mark J. Price 2022-11-08

An accessible guide for beginner-to-intermediate programmers to concepts, real-world applications, and latest features of C# 11 and .NET 7, with hands-on exercises using Visual Studio 2022 and Visual Studio Code. Purchase of the print or Kindle book includes a free eBook in PDF format. Key Features: Explore the newest additions to C# 11, the .NET 7 class libraries, and Entity Framework Core 7. Create professional websites and services with ASP.NET Core 7 and Blazor. Build your confidence with step-by-step code examples and tips for best practices. Book Description: Extensively revised to accommodate the latest features that come with C# 11 and .NET 7, this latest edition of our guide will get you coding in C# with confidence. You'll learn object-oriented programming, writing, testing, and debugging functions, implementing interfaces, and inheriting classes. Next, you'll take on .NET APIs for performing tasks like managing and querying data, working with the filesystem, and serialization. As you progress, you'll also explore examples of cross-platform projects you can build and deploy, such as websites and services using ASP.NET Core. Instead of distracting you with unnecessary graphical user interface code, the first eleven chapters will teach you about C# language constructs and many of the .NET libraries through simple console applications. In later chapters, having mastered the basics, you'll then build websites, web services, and browser apps using ASP.NET Core, the Model-View-Controller (MVC) pattern, and Blazor. C# 11 and .NET 7 - Modern Cross-Platform Development Fundamentals will give you a solid foundation to start building apps and services with confidence. By the end of this book, you'll be able to create rich web experiences and have a solid grasp of object-oriented programming that you can build upon. What you will learn: Build rich web experiences using Blazor, Razor Pages, the Model-View-Controller (MVC) pattern, and other features of ASP.NET Core. Build your own types with object-oriented programming. Write, test, and debug functions. Query and manipulate data using LINQ. Integrate and update databases in your apps using Entity Framework Core models. Build and consume powerful services using the latest technologies, including Web API and Minimal API. For .NET 6 developers: C# 11 can be used with .NET 6, including features like raw string literals. EF Core 7 targets .NET 6, so you can benefit from its new features like ExecuteUpdate and ExecuteDelete for more efficient data modifications. Who this book is for: This book is primarily for beginners, but intermediate-level C# and .NET programmers who have worked with C# in the past and want to catch up with the changes made in the past few years will also find plenty of useful information in it. Prior exposure to C# or .NET is not a prerequisite, but you should have a general understanding of programming before you jump in. If you already have some C# and .NET skills and want to focus on developing apps, we recommend that you pick up Mark's other .NET book, Apps and Services with .NET 7, instead.

C# 10 and .NET 6 - Modern Cross-Platform Development - Mark J. Price 2021-11-09

A comprehensive guide for beginners to learn the key concepts, real-world applications, and latest features of C# 10 and .NET 6 with hands-on exercises using Visual Studio 2022 and Visual Studio Code. Purchase of the print or Kindle book includes a free eBook in the PDF format. Key

Features: Explore the newest additions to C# 10, the .NET 6 class library, and Entity Framework Core 6. Create professional websites and services with ASP.NET Core 6 and Blazor. Build cross-platform apps for Windows, macOS, Linux, iOS, and Android. Book Description: Extensively revised to accommodate all the latest features that come with C# 10 and .NET 6, this latest edition of our comprehensive guide will get you coding in C# with confidence. You'll learn object-oriented programming, writing, testing, and debugging functions, implementing interfaces, and inheriting classes. The book covers the .NET APIs for performing tasks like managing and querying data, monitoring and improving performance, and working with the filesystem, async streams, and serialization. You'll build and deploy cross-platform apps, such as websites and services using ASP.NET Core. Instead of distracting you with unnecessary application code, the first twelve chapters will teach you about C# language constructs and many of the .NET libraries through simple console applications. In later chapters, having mastered the basics, you'll then build practical applications and services using ASP.NET Core, the Model-View-Controller (MVC) pattern, and Blazor. What you will learn: Build rich web experiences using Blazor, Razor Pages, the Model-View-Controller (MVC) pattern, and other features of ASP.NET Core. Build your own types with object-oriented programming. Write, test, and debug functions. Query and manipulate data using LINQ. Integrate and update databases in your apps using Entity Framework Core, Microsoft SQL Server, and SQLite. Build and consume powerful services using the latest technologies, including gRPC and GraphQL. Build cross-platform apps using XAML. Who this book is for: Designed for both beginners and C# and .NET programmers who have worked with C# in the past and want to catch up with the changes made in the past few years, this book doesn't need you to have any C# or .NET experience. However, you should have a general understanding of programming before you jump in.

[Professional Windows PowerShell Programming](#) - Arul Kumaravel 2008-02-19

Describes the concepts, components, and development techniques of Windows PowerShell to enable users to build software packages and applications.

Microsoft PowerShell, VBScript and JScript Bible - William R. Stanek 2011-02-14

Packed with more than 300 sample scripts and an extensive collection of library functions, this essential scripting book is the most thorough guide to Windows scripting and PowerShell on the market. You'll examine how Windows scripting is changing the face of system and network administration by giving everyday users, developers, and administrators the ability to automate repetitive tasks. Plus, this is the first time that VBScript, Jscript, and Powershell are all covered in a single resource.

.NET 4 Wrox PDF Bundle - Bill Evjen 2010-09-17

The books included in this set are: 9780470502204 Professional ASP.NET 4: in C# and VB: Written by three highly recognized and regarded ASP.NET experts, this book provides comprehensive coverage on ASP.NET 4 with a unique approach featuring examples in both C# and VB, as is the incomparable coverage of core ASP.NET. After a fast-paced refresher on essentials such as server controls, the book delves into expert coverage of all the latest capabilities of ASP.NET 4.

9780470502259 Professional C# 4 and .NET 4: After a quick refresher on C# basics, the author dream team moves on to provide you with details of language and framework features including LINQ, LINQ to SQL, LINQ to XML, WCF, WPF, Workflow, and Generics. Coverage also spans ASP.NET programming with C#, working in Visual Studio 2010 with C#, and more. With this book, you'll quickly get up to date on all the newest capabilities of C# 4. 9780470548653 Professional Visual Studio 2010: This book gets you quickly up to speed on what you can expect from Visual Studio 2010. Packed with helpful examples, this comprehensive guide explains examines the features of Visual Studio 2010, which allows you to create and manage programming projects for the Windows platform. It walks you through every facet of the Integrated Development Environment (IDE), from common tasks and functions to its powerful tools. 9780470499832 Visual Basic 2010 Programmer's Reference: This reference guide provides you with a broad, solid understanding of essential Visual Basic 2010 topics and clearly explains how to use this powerful programming language to perform a variety of tasks. As a tutorial, the book describes the Visual Basic language and covers essential Visual Basic topics. The material presents categorized information regarding specific operations and reveals useful tips, tricks, and tidbits to help you make the most of the new Visual Basic 2010. 9780470477229 WPF Programmer's Reference: Windows Presentation

Foundation with C# 2010 and .NET 4: Written by a leading expert on Microsoft graphics programming, this richly illustrated book provides an introduction to WPF development and explains fundamental WPF concepts. It is packed with helpful examples and progresses through a range of topics that gradually increase in their complexity.

9780470257029 Professional SQL Server 2008 Programming: This expanded best-seller includes new coverage of SQL Server 2008's new datatypes, new indexing structures, manageability features, and advanced time-zone handling. As an added bonus, also includes Professional SQL Server 2005 Programmers for .NET 4 developers still working in a SQL Server 2005 setting.

Windows PowerShell 3.0 Step by Step - Ed Wilson 2013-02-15

Your hands-on, step-by-step guide to automating Windows administration with Windows PowerShell 3.0 Teach yourself the fundamentals of Windows PowerShell 3.0 command line interface and scripting language—one step at a time. Written by a leading scripting expert, this practical tutorial delivers learn-by-doing exercises, timesaving tips, and hands-on sample scripts for performing administrative tasks on both local and remote Windows systems. Discover how to: Use built-in cmdlets to execute commands Write scripts to handle recurring tasks Use providers to access information beyond the shell environment Configure network components with Windows Management Instrumentation Manage users, groups, and computers with Active Directory services Execute scripts to administer and troubleshoot Microsoft Exchange Server 2010

Windows PowerShell for .NET Developers - Chendrayan Venkatesan 2015-10-27

Efficiently administer and maintain your development environment with Windows PowerShell About This Book Explore scripting and automation techniques with Windows PowerShell Gain concrete knowledge of Windows PowerShell scripting to perform professional level scripting Discover the benefits of the Configuration Management Platform with this step-by-step guide that includes real-world scripting examples Who This Book Is For If you are an IT professional or developer who has worked on the .Net platform and you want to learn automation using Windows PowerShell, then this book is for you. This self-start guide takes you from the basics and gradually moves to an intermediate level to show you how to perform professional scripting. What You Will Learn Understand the concepts of building PowerShell scripts and the basics of programming Manage the LYNC, Exchange, and SharePoint platforms Create a Pull server using a SMB file share and HTTP and HTTPS Use .NET classes in Windows PowerShell and C# to manage Exchange Online Use PowerShell in C# to manage Exchange Online and work with .NET classes in PowerShell Automate LYNC clients, consuming Client Server Object Models to administrate SharePoint Online In Detail Windows PowerShell 5.0 for .NET Developers is your self-start guide to performing automation using Windows PowerShell. This book will help you to understand the PowerShell syntax and grammar and will also teach you techniques to remove the rough edges of manual deployments. Packed with PowerShell scripts and sample C# codes to automate tasks, it also includes real-world scenarios such as administrating office servers to help you save time and perform deployments swiftly and efficiently. The book begins with the Windows PowerShell basics, explores the significant features of Windows Management Framework 5.0, covers the basic concepts of Desired State Configuration and the importance of idempotent deployments. By the end of the book, you will have a good understanding of Windows PowerShell's features and will be able to automate your tasks and manage configuration effectively. Style and approach This is an easy-to-follow step-by-step guide with text-enabled screenshots. Each topic is explained with codes and examples. It also includes multiple approaches for a number of tasks to let you choose the best one for you depending on your scenario.

Windows Powershell Pocket Reference - Lee Holmes 2008-05-27

This portable reference to Windows PowerShell summarizes both the command shell and scripting language, and provides a concise reference to the major tasks that make PowerShell so successful. It's an ideal on-the-job tool for Windows administrators who don't have time to plow through huge books or search online. Written by Microsoft PowerShell team member Lee Holmes, and excerpted from his Windows PowerShell Cookbook, Windows PowerShell Pocket Reference offers up-to-date coverage of PowerShell's 1.0 release. You'll find information on .NET classes and legacy management tools that you need to manage your system, along with chapters on how to write scripts, manage errors, format output, and much more. Beginning with a whirlwind tour of Windows PowerShell, this convenient guide covers: PowerShell language

and environment Regular expression reference PowerShell automatic variables Standard PowerShell verbs Selected .NET classes and their uses WMI reference Selected COM objects and their uses .NET string formatting .NET datetime formatting An authoritative source of information about PowerShell since its earliest betas, Lee Holmes' vast experience lets him incorporate both the "how" and the "why" into the book's discussions. His relationship with the PowerShell and administration community -- through newsgroups, mailing lists, and his informative blog Lee Holmes -- gives him insight into problems faced by administrators and PowerShell users alike. If you're ready to learn this powerful tool without having to break stride in your routine, this is the book you want.

Windows Server 2019 & PowerShell All-in-One For Dummies - Sara Perrott 2019-04-11

Your one-stop reference for Windows Server 2019 and PowerShell know-how Windows Server 2019 & PowerShell All-in-One For Dummies offers a single reference to help you build and expand your knowledge of all things Windows Server, including the all-important PowerShell framework. Written by an information security pro and professor who trains aspiring system administrators, this book covers the broad range of topics a system administrator needs to know to run Windows Server 2019, including how to install, configure, and secure a system. This book includes coverage of: Installing & Setting Up Windows Server Configuring Windows Server 2019 Administering Windows Server 2019 Configuring Networking Managing Security Working with Windows PowerShell Installing and Administering Hyper-V Installing, Configuring, and Using Containers If you're a budding or experienced system administrator looking to build or expand your knowledge of Windows Server, this book has you covered.

PowerShell Cookbook - Lee Holmes 2021-06-16

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 Azure Essentials Azure Web Apps for Developers - Rick Rainey 2015-06-25

The "Microsoft Azure Essentials" series helps you advance your technical skills with Microsoft Azure. "Microsoft Azure Essentials: Azure Web Apps for Developers" focuses on providing essential information about developing web applications hosted on Azure Web Apps. It is written with the developer who has experience using Visual Studio and the .NET Framework in mind. If Azure Web Apps is new to you, this book is for you. If you have experience developing for Azure Web Apps, this book is for you, too, because there are features and tools discussed in this text that are new to the platform.

Microsoft Azure Development Cookbook Second Edition - Roberto Freato 2014-09-25

If you are an architect, this book will help you make the correct decisions about which Azure building blocks to use. If you are a developer, this book will help you understand how to use them appropriately, and if you are a .NET developer, this book is a pure delight.

OData Programming Cookbook for .Net Developers - Steven Cheng 2012-07-25

A fast track example-driven guide with clear instructions and details for OData programming with .NET Framework.

Learn PowerShell Core 6.0 - David das Neves 2018-07-26

Enhance your skills in expert module development, deployment, security, DevOps, and cloud Key Features A step-by-step guide to get you started with PowerShell Core 6.0 Harness the capabilities of PowerShell Core

6.0 to perform simple to complex administration tasks Learn core administrative concepts such as scripting, pipelines, and DSC Book Description Beginning with an overview of the different versions of PowerShell, Learn PowerShell Core 6.0 introduces you to VSCode and then dives into helping you understand the basic techniques in PowerShell scripting. You will cover advanced coding techniques, learn how to write reusable code as well as store and load data with PowerShell. This book will help you understand PowerShell security and Just Enough Administration, enabling you to create your own PowerShell repository. The last set of chapters will guide you in setting up, configuring, and working with Release Pipelines in VSCode and VSTS, and help you understand PowerShell DSC. In addition to this, you will learn how to use PowerShell with Windows, Azure, Microsoft Online Services, SCCM, and SQL Server. The final chapter will provide you with some use cases and pro tips. By the end of this book, you will be able to create professional reusable code using security insight and knowledge of working with PowerShell Core 6.0 and its most important capabilities. What you will learn Get to grips with Powershell Core 6.0 Explore basic and advanced PowerShell scripting techniques Get to grips with Windows PowerShell Security Work with centralization and DevOps with PowerShell Implement PowerShell in your organization through real-life examples Learn to create GUIs and use DSC in production Who this book is for If you are a Windows administrator or a DevOps user who wants to leverage PowerShell to automate simple to complex tasks, then this book is for you. Whether you know nothing about PowerShell or just enough to get by, this guide will give you what you need to go to take your scripting to the next level. You'll also find this book useful if you're a PowerShell expert looking to expand your knowledge in areas such as PowerShell Security and DevOps.

Azure Active Directory for Secure Application Development -

Sjoukje Zaal 2022-05-26

Develop secure applications using different features of Azure Active Directory along with modern authentication techniques and protocols Key Features • Confidently secure your Azure applications using the tools offered by Azure AD • Get to grips with the most modern and effective authorization and authentication protocols • Unlock the potential of Azure AD's most advanced features including Microsoft Graph and Azure AD B2C Book Description Azure Active Directory for Secure Application Development is your one-stop shop for learning how to develop secure applications using modern authentication techniques with Microsoft Azure AD. Whether you're working with single-tenant, multi-tenant, or line-of-business applications, this book contains everything you need to secure them. The book wastes no time in diving into the practicalities of Azure AD. Right from the start, you'll be setting up tenants, adding users, and registering your first application in Azure AD. The balance between grasping and applying theory is maintained as you move from the intermediate to the advanced: from the basics of OAuth to getting your hands dirty with building applications and registering them in Azure AD. Want to pin down the Microsoft Graph, Azure AD B2C, or authentication protocol best practices? We've got you covered. The full range of Azure AD functionality from a developer perspective is here for you to explore with confidence. By the end of this secure app development book, you'll have developed the skill set that so many organizations are clamoring for. Security is mission-critical, and after reading this book, you will be too. What you will learn • Get an overview of Azure AD and set up your Azure AD instance • Master application configuration and the use of service principals • Understand new authentication protocols • Explore the Microsoft Identity libraries • Use OpenID Connect, OAuth 2.0, and MSAL to make sign-in fully secure • Build a custom app that leverages the Microsoft Graph API • Deploy Azure AD B2C to meet your security requirements • Create user flows and policies in Azure AD B2C Who this book is for If you are a developer or architect who has basic knowledge of Azure Active Directory and are looking to gain expertise in the application security domain, this is the book for you. Basic Azure knowledge and experience in building web applications and web APIs in C# will help you get the most out of this book.

Real World SharePoint 2010 - Reza Alirezaei 2010-11-02

Proven real-world best practices from leading Microsoft SharePoint MVPs SharePoint enables Web sites to host shared workspaces and is a leading solution for Enterprise Content Management. The newest version boasts significant changes, impressive enhancements, and new features, requiring developers and administrators of all levels of experience to quickly get up to speed on the latest changes. This book is a must-have anthology of current best practices for SharePoint 2010 from 20 of the

top SharePoint MVPs. They offer insider advice on everything from installation, workflow, and Web parts to business connectivity services, Web content management, and claims-based security. SharePoint 2010 boasts significant updates, new features, and numerous changes and this comprehensive overview gets you up to speed on all the latest enhancements Serves as an anthology of current best practices regarding SharePoint 2010 from 20 of the top SharePoint MVPs Offers helpful, real-world advice on such topics as business connectivity services, enterprise content management, Web content management, business intelligence, workflow, SharePoint Designer, Web parts, shared services, claims-based security, and more We all learn from experience, and with Real-World SharePoint 2010 you can learn from the experiences of 20 of the leading SharePoint MVPs!

ASP.NET Core 5 and Angular - Valerio De Sanctis 2021-01-29

Build robust modern web applications using .NET 5, Entity Framework Core, and Angular 11 Key Features Updated with the latest features and additions in ASP.NET Core 5 and Angular 11 Design, build, and deploy a Single Page Application or Progressive Web App Adopt a full stack approach to handle data management, Web APIs, application design, testing, SEO, security, and deployment Book Description Learning full-stack development calls for knowledge of both front-end and back-end web development. ASP.NET Core 5 and Angular, Fourth Edition will enhance your ability to create, debug, and deploy efficient web applications using ASP.NET Core and Angular. This revised edition includes coverage of the Angular routing module, expanded discussion on the Angular CLI, and detailed instructions for deploying apps on Azure, as well as both Windows and Linux. Taking care to explain and challenge design choices made throughout the text, Valerio teaches you how to build a data model with Entity Framework Core, alongside utilizing the Entity Core Fluent API and EntityTypeConfiguration class. You'll learn how to fetch and display data and handle user input with Angular reactive forms and front-end and back-end validators for maximum effect. Later, you will perform advanced debugging and explore the unit testing features provided by xUnit.net (.NET 5) and Jasmine, as well as Karma for Angular. After adding authentication and authorization to your apps, you will explore progressive web applications (PWAs), learning about their technical requirements, testing, and converting SWAs to PWAs. By the end of this book, you will understand how to tie together the front end and back end to build and deploy secure and robust web applications. What you will learn Implement a web API interface with ASP.NET Core and consume it with Angular using RxJS observables Set up an SQL database server using a local instance or a cloud data store Perform C# and TypeScript debugging using Visual Studio 2019 Create TDD and BDD unit tests using xUnit, Jasmine, and Karma Perform DBMS structured logging using third-party providers such as SeriLog Deploy web apps to Windows and Linux web servers, or Azure App Service, using IIS, Kestrel, and nginx Who this book is for This book is for experienced ASP.NET developers who already possess some familiarity with ASP.NET Core and Angular and are looking to learn how to use them effectively together. The fully documented code samples (also available on GitHub) and the step-by-step implementation tutorials make this book easy to follow.

Professional Windows PowerShell Programming - Arul Kumaravel

2008-02-13

Providing you with the programmer's approach to understanding Windows PowerShell, this book introduces the concepts, components, and development techniques for building software packages that leverage the power of PowerShell. The author team of PowerShell experts shows you how PowerShell makes writing code easy by providing a runtime engine with its own parser, plus you'll discover that with PowerShell, all of the .NET Framework objects become accessible via scripting, making PowerShell a very powerful addition to your toolbox and a popular choice for future development.

MSDN Magazine - 2009-07

Learn Windows IIS in a Month of Lunches Jason Helmick 2013-12-31 Summary Learn Windows IIS in a Month of Lunches is an innovative tutorial designed for busy administrators. Even if you have no prior exposure to IIS, you can follow the crisp explanations, examples, and exercises in this concise, easy-to-read book. Just set aside one hour a day—lunchtime would be perfect—for a month, and you'll be managing, securing, and automating IIS administrative tasks faster than you thought possible. About this Book When your website slows to a crawl or Exchange stops sending internet mail, you have to get things working again. Fast. IIS is the communication gateway for most Microsoft servers

as well as the primary technology for publishing web sites. Learning to manage it effectively means you can keep your systems running smoothly and go home on time. Learn Windows IIS in a Month of Lunches is an innovative tutorial designed for busy administrators. Follow the crisp explanations, examples, and exercises in this concise, easy-to-read book, and you'll be managing, securing, and automating IIS faster than you thought possible. You'll start with IIS fundamentals, and then systematically explore web farm design, website management, and high availability, along with practices to keep your Exchange, SharePoint, System Center, and Lync servers running smoothly. Written for anyone who needs to manage IIS, whether you're an IT pro or a reluctant administrator. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. What's Inside 24 bite-sized lessons with practice examples High-value troubleshooting techniques No previous IIS experience assumed About the Author Jason Helmick is a professional trainer and consultant specializing in Active Directory and IIS. He's the founder of the Arizona PowerShell User Group. Table of Contents Before you begin Deploying the web server Exploring and launching a website Managing application pools Adding more websites to your server What every administrator should know about web applications Securing your sites and web applications Securing the server Protecting data with certificates FTP and SMTP with IIS Sharing administrative responsibilities through remote management Optimizing sites for users and search engines Building a web farm with Microsoft Network Load Balancing Building a web farm with Application Request Routing High availability for ARR using Microsoft NLB Sharing content and configuration to the web farm Sharing IIS configurations for a web farm Using the central certificate store for certificate management Web farm provisioning with the Web Farm Framework Disaster recovery for IIS The final exam Never the end IIS PowerShell cheat sheet Lab setup guide

Internet Information Services (IIS) 7.0 Administrator's Pocket Consultant - William Stanek 2007-12-19

Portable and precise, this pocket-sized guide delivers immediate answers for the day-to-day administration of Web servers running Microsoft Internet Information Services (IIS) 6.0. Zero in on core IIS support procedures and everyday tasks using quick-reference tables, step-by-step instructions, and lists. You get the focused, streamlined information you need to solve problems and get the job done—whether you're at your desk or in the field! Get fast facts to: Install Web and application server components Learn core techniques for managing IIS Configure Web sites, servers, and virtual directories Customize Web content, including error messages and redirection Manage Web applications, application pools, and Microsoft ASP.NET Configure SMTP, POP3, and advanced messaging options Implement security features—permissions, certificates, SSL Monitor and optimize IIS performance Manage IIS backups and metabase configurations

SharePoint 2010 Wrox 10-Pack Digital Library - Todd Klindt 2012-03-07

The SharePoint 2010 Wrox 10-Pack Digital Library contains these ten books, priced at a considerable savings off of the combined list prices to give you a complete SharePoint 2010 e-book library: Professional SharePoint 2010 Administration ISBN: 9780470533338 Professional SharePoint 2010 Development, 2nd edition ISBN: 9781118131688 Real World SharePoint 2010: Indispensable Experiences from 22 MVPs ISBN: 9780470597132 Professional Business Connectivity Services in SharePoint 2010 ISBN: 9781118043790 Professional SharePoint 2010 Cloud-Based Solutions ISBN: 9781118076576 SharePoint 2010 Enterprise Architect's Guidebook ISBN 9780470643198 SharePoint Server 2010 Enterprise Content Management ISBN: 9780470584651 SharePoint 2010 Field Guide ISBN: 9781118105054 SharePoint 2010 Six-in-One ISBN: 9780470877272 Professional SharePoint 2010 Branding and User Interface Design ISBN: 9780470584644

Automating Microsoft Windows Server 2008 R2 with Windows PowerShell 2.0 Matthew Hester 2011-05-04

Learn to automate the top server operating system, Windows Server 2008 R2 Windows PowerShell 2.0 allows you to automate nearly any task for managing Windows Server, going from dozens of clicks to a single command, and repeated tasks to automated tasks. Using screen shots and helpful exercises, this book walks you through the many benefits of automating Windows Server with PowerShell 2.0, such as allowing for scalable, flexible, and rapid deployments and changes; increasing cost effectiveness; providing a timely return on IT investment; lowering labor headcount; creating secure computing environments; and establishing reliable enterprise infrastructures. In addition, real-world examples

provide reinforced learning, aimed at ensuring that you work as efficiently and effectively as possible by automating both simple and complex administrative tasks with Powershell 2.0. Explains how to automate both simple and complex tasks in Windows Server 2008 R2 with Powershell 2.0 Addresses how Windows Server 2008 R2 comes with more than 550 cmdlets, allowing you to automate nearly anything Offers numerous real-world examples, end-of-chapter exercises, and helpful screen shots to reinforce your learning process The power is in your hands! Start working smarter, not harder, by automating Windows Server 2008 R2 tasks with Powershell 2.0.

Cloud Database Development and Management - Lee Chao 2013-07-26

Although today's job market requires IT professionals to understand cloud computing theories and have hands-on skills for developing real-world database systems, there are few books available that integrate coverage of both. Filling this void, Cloud Database Development and Management explains how readers can take advantage of the cloud environment to develop their own fully functioning database systems without any additional investment in IT infrastructure. Filled with step-by-step instructions, examples, and hands-on projects, the book begins by providing readers with the required foundation in database systems and cloud-based database development tools. It supplies detailed instructions on setting up data storage on Windows Azure and also explains how readers can develop their own virtual machines with Windows Server 2012 as the guest operating system. The book's wide-ranging coverage includes database design, database implementation, database deployment to the cloud environment, SQL Database, Table Storage service, Blob Storage service, Queue Storage service, and database application development. The text deals with all three aspects of database design: conceptual design, logical design, and physical design. It introduces the SQL language, explains how to use SQL to create database objects, and introduces the migration of the database between Windows Azure and the on-premises SQL Server. It also discusses the management tasks that keep both SQL Database and Windows Azure running smoothly. Detailing how to design, implement, and manage database systems in the cloud, the book provides you with tools that can make your cloud database development much more efficient and flexible. Its easy-to-follow instructions will help you develop the hands-on skills needed to store and manage critical business information and to make that data available anytime through the Internet.

PowerShell in Practice Richard Siddaway 2010-06-07

Windows PowerShell is a scripting language that simplifies Windows system administration. PowerShell in Practice is a hands-on reference for administrators wanting to learn and use PowerShell. Following the "in Practice" style, individual related techniques are clustered into chapters. Each technique is presented in the form: problem, solution, discussion, and includes annotated code listings. Written to answer the question "How can PowerShell make my job as an administrator easier?" this book concentrates on practical tasks and automation. Starting with an a brief tutorial and review, the majority of the book focuses on two major PowerShell usage areas: People - user accounts, mailboxes, desktop configuration; and Servers - Active Directory, Exchange, IIS, and more. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

How to Hack Like a Legend - Sparc Flow 2022-10-25

Tag along with a master hacker on a truly memorable attack. From reconnaissance to infiltration, you'll experience their every thought, frustration, and strategic decision-making first-hand in this exhilarating narrative journey into a highly defended Windows environment driven by AI. Step into the shoes of a master hacker and break into an intelligent, highly defensive Windows environment. You'll be infiltrating the suspicious (fictional) offshoring company G & S Trust and their hostile Microsoft stronghold. While the target is fictional, the corporation's vulnerabilities are based on real-life weaknesses in today's advanced Windows defense systems. You'll experience all the thrills, frustrations, dead-ends, and eureka moments of the mission first-hand, while picking up practical, cutting-edge techniques for evading Microsoft's best security systems. The adventure starts with setting up your elite hacking infrastructure complete with virtual Windows system. After some thorough passive recon, you'll craft a sophisticated phishing campaign to steal credentials and gain initial access. Once inside you'll identify the security systems, scrape passwords, plant persistent backdoors, and delve deep into areas you don't belong. Throughout your task you'll get caught, change tack on a tee, dance around defensive monitoring

systems, and disable tools from the inside. Spark Flow's clever insights, witty reasoning, and stealth maneuvers teach you to be patient, persevere, and adapt your skills at the drop of a hat. You'll learn how to: Identify and evade Microsoft security systems like Advanced Threat Analysis, QRadar, MDE, and AMSI Seek out subdomains and open ports with Censys, Python scripts, and other OSINT tools Scrape password hashes using Kerberoasting Plant camouflaged C# backdoors and payloads Grab victims' credentials with more advanced techniques like reflection and domain replication Like other titles in the How to Hack series, this book is packed with interesting tricks, ingenious tips, and links to useful resources to give you a fast-paced, hands-on guide to penetrating and bypassing Microsoft security systems.

Pro PowerShell for Database Developers - Bryan P. Cafferky 2015-10-17
Pro PowerShell for Database Developers helps you master PowerShell application development by continuing where other books leave off. There are no "Hello World" functions here, just real-world examples that get down to business. Develop and deploy database and ETL applications in a reusable framework. Read from any data source and write to any destination. Integrate PowerShell with SQL Server. Pro PowerShell for Database Developers shows how to dive into the PowerShell environment and customize it to your needs. Learn about CmdletBinding and its use in extending functions with powerful new features. Also learn to package functions into libraries called modules that are loaded automatically on demand. PowerShell is about automation and getting work done when you're not around to perform it. To that end you'll see how to schedule PowerShell applications using SQL Agent and the scheduled job cmdlets. And for when you are around to run automated processes in person, you'll learn to add a Windows GUI to your applications to give them that professional polish. Other exciting topics include: Creating objects with custom methods and properties and extending them with PowerShell-style inheritance. Implementing function polymorphism using parameter sets. Using PowerShell as an ETL tool surpassing even SSIS. Creating distributed, interruptible, and multithreaded programs using PowerShell's workflow engine and the .Net Windows Workflow Foundation. All these topics are explained using real-world examples encapsulated into modules you can immediately put to use in your organization. You'll reap even more as you come to grips with all that PowerShell can do. Begin the journey toward deep expertise and amazing productivity. Buy and read Pro PowerShell for Database Developers today.

Installing and Configuring SharePoint 2010 User Guide - Saifullah Shafiq 2012-12-18

First edition of this book was published in 2009 and VMware was used to demonstrate the installation and configuration of SharePoint 2010.

VMware can still be used but Virtual Box has gained lot of popularity over the last 2 years. Virtual Box is owned by Oracle and is free. It is easy to use and configure. Most of what is written in this updated edition works for both VMware and Virtual box. I have added new content where necessary. The content has been modified to work with new downloads. New links have been provided through-out the book where needed. This step by step guide shows how to install SharePoint 2010. Each step shows a screenshot that makes understanding the step easier. Host computer used during the preparation of this guide was a Windows 7 (64-bit) machine. Guest machine used was Virtual Box 4.1.6 r74713 with Windows Server 2008 R2 (64-bit). The book lists hardware and software requirements. It has up-to-date links to download necessary software. Guide gives you tips on what to avoid during the installation. This is the most comprehensive compilation of SharePoint 2010 installation steps. This book provides users accurate links to download software. Anyone can install SharePoint but installing it the right way, first time is different. Only a few manage to do that. You don't have to waste time experimenting yourself. Learn from the mistakes others made when learning the installation. Save time, time is money!!

PowerShell Pocket Reference - Lee Holmes 2021-04-22

This portable reference to PowerShell summarizes the command shell and scripting language and provides a concise guide to the many tasks that make PowerShell so useful. If you're a busy administrator and don't have time to plow through huge books or in-depth online searches, this is the ideal on-the-job tool. Written by PowerShell team member Lee Holmes and excerpted from his PowerShell Cookbook, this edition offers up-to-date coverage of Windows PowerShell 5.1 and open source

PowerShell Core up to 7 and beyond. Beginning with a guided tour of PowerShell, this handy guide covers: PowerShell language and environment Regular expression reference XPath quick reference .NET string formatting .NET DateTime formatting Selected .NET classes and their uses WMI reference Selected COM objects and their uses Standard PowerShell verbs

.NET 4 for Enterprise Architects and Developers - Sudhanshu Hate 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 details a step-by-step approach for real-life implementation using specific .NET 4 features. The book is useful to architects, developers, students, and technology enthusiasts who wish to learn more about .NET 4. It illustrates key scenarios and specific features with code snippets to help you understand the technical aspects of implementation. Praise for the book: ... presents broad and deep coverage of key technologies released as part of .NET Framework 4. —Kris Gopalakrishnan, Executive Co-Chairman, Chairperson, Executive Council of Infosys Ltd. ... the authors introduce us to new features of .NET, provide deep insights into it, and explain how it can be applied in enterprise application development scenarios. ... highly recommended ... —Naveen Kumar, Principal Architect, Microsoft Technology Center, Infosys Ltd. ... excellent in-depth coverage of .NET Framework 4 ... —Subu Goparaju, Senior Vice President, Head of Infosys Labs, Infosys Ltd.

Getting Started with PowerShell - Michael Shepard 2015-08-27

Learn the fundamentals of PowerShell to build reusable scripts and functions to automate administrative tasks with Windows About This Book Harness the capabilities of the PowerShell system to get started quickly with server automation Learn to package commands into a reusable script and add control structures and parameters to make them flexible Get to grips with cmdlets that allow you to perform administration tasks efficiently Who This Book Is For This book is intended for Windows administrators or DevOps users who need to use PowerShell to automate tasks. Whether you know nothing about PowerShell or know just enough to get by, this guide will give you what you need to go to take your scripting to the next level. What You Will Learn Learn to verify your installed version of PowerShell, upgrade it, and start a PowerShell session using the ISE Discover PowerShell commands and cmdlets and understand PowerShell formatting Use the PowerShell help system to understand what particular cmdlets do Utilise the pipeline to perform typical data manipulation Package your code in scripts, functions, and modules Solve common problems using basic file input/output functions Find system information with WMI and CIM Automate IIS functionality and manage it using the WebAdministration module In Detail Windows PowerShell is a task-based command-line shell and scripting language designed specifically for system administration. Built on the .NET Framework, Windows PowerShell helps IT professionals and power users control and automate the administration of the Windows operating system and applications that run on Windows. PowerShell is great for batch importing or deleting large sets of user accounts and will let you collect a massive amount of detailed system information in bulk via WMI (Windows Management Instrumentation). Getting Started with PowerShell is designed to help you get up and running with PowerShell, taking you from the basics of installation, to writing scripts and web server automation. This book, as an introduction to the central topics of PowerShell, covers finding and understanding PowerShell commands and packaging code for reusability, right through to a practical example of automating IIS. It also includes topics such as installation and setup, creating scripts, automating tasks, and using Powershell to access data stores, registry, and file systems. You will explore the PowerShell environment and discover how to use cmdlets, functions, and scripts to automate Windows systems. Along the way, you will learn to perform data manipulation and solve common problems using basic file input/output functions. By the end of this book, you will be familiar with PowerShell and be able to utilize the lessons learned from the book to automate your servers. Style and approach A practical learning guide, complete with plenty of activities, examples and screenshots.