

Mastering Sharepoint Free Chapter

Improve and reimagine your organization's security stance, desktop standards, and server administration with centralized management via Group Policy. Key Features Explore advanced filtering techniques for Group Policy Objects Interact with Group Policy through GPMC and PowerShell Practical guide covering the daily and advanced administration of group policy Book Description This book begins with a discussion of the core material any administrator needs to know in order to start working with Group Policy. Moving on, we will also walk through the process of building a lab environment to start testing Group Policy today. Next we will explore the Group Policy Management Console (GPMC) and start using the powerful features available for us within that interface. Once you are well versed with using GPMC, you will learn to perform and manage the traditional core tasks inside Group Policy. Included in the book are many examples and walk-throughs of the different filtering options available for the application of Group Policy settings, as this is the real power that Group Policy holds within your network. You will also learn how you can use Group Policy to secure your Active Directory environment, and also understand how Group Policy preferences are different than policies, with the help of real-world examples. Finally we will spend some time on maintenance and troubleshooting common Group Policy-related issues so that you, as a directory administrator, will understand the diagnosing process for policy settings. By the end of the book, you will be able to jump right in and use Group Policy to its full potential. What you will learn Become familiar with the Group Policy Management Console Create, link, and filter new policies Secure your users and devices using Group Policy Maintain and troubleshoot Group Policy Administer Group Policy via PowerShell Control your Active Directory environment efficiently with Group Policy settings Who this book is for If you are an IT professional who works with Windows Servers or are interested in an Active Directory environment then this book is for you. General knowledge of Microsoft Windows, how Windows Server fits into an enterprise's infrastructure and also some existing knowledge of an Active Directory domain environment is expected.

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. This is learning made easy! Get productive fast with SharePoint 2016, and jump in wherever you need answers: brisk lessons and colorful screen shots show you exactly what to do, step by step – and practice files help you build your skills. Fully updated for today's powerful new version of SharePoint, Microsoft SharePoint 2016 Step by Step shows you how to do all this: Customize your team site's layout, features, and apps Manage and share ideas, documents, and data Capture and organize content into lists and libraries Automate business processes with built-in workflows Use social features to communicate and collaborate Work with SharePoint's business intelligence features Publish content using enhanced web content management Use SharePoint with Excel, Access, Outlook, and Lync And much more...

Deliver world-class collaboration capabilities through the cloud Use SharePoint Online to provide today's most advanced collaboration capabilities--without managing your own infrastructure! This concise reference will help you configure and manage SharePoint Online to meet your requirements for functionality, performance, and compliance. Bill English covers user profiles, security, search, records management, App Catalogs, metrics, and more--to derive maximum value from SharePoint Online. Master the specific skills you need to deploy and run SharePoint Online Choose the version of SharePoint Online that is best for you Manage profiles, properties, audiences, permissions, policies, and MySite settings Use Business Connectivity Services to make SharePoint Online your central hub for all business information Make the most of SharePoint search, indexing, and records and document management Create and manage security and App Catalogs Solve the core issues of governance, risk, compliance, taxonomies, and training Enhance productivity in any Office application with zero programming experience Mastering VBA for Microsoft Office 2016 helps you extend the capabilities of the entire Office suite using Visual Basic for Applications (VBA). Even if you have no programming experience, you'll be automating routine computing processes quickly using the simple, yet powerful VBA programming language. Clear, systematic tutorials walk beginners through the basics, while intermediate and advanced content guides more experienced users toward efficient solutions. This comprehensive guide starts at the beginning to get you acquainted with VBA so you can start recording macros right away. You'll then build upon that foundation to utilize the full capabilities of the language as you use loops and functions, message boxes, input boxes, and dialog boxes to design your own Office automation program. Add-ins, embedded macros, content controls, and more give you advanced tools to enhance productivity, and all instruction is backed by real-world practice projects in Word, Excel, Outlook, and PowerPoint. Productivity is the name of the game, and automating certain computing tasks is an easy solution with significant impact for any business. This book shows you how, with step-by-step guidance and expert insight. Expand Office 2016 functionality with macros Learn how to work with VBA and the entire Office suite Create effective code, even with no programming experience Understand ActiveX, XML-based files, the developer tab, and more VBA is designed to be understandable and accessible to beginners, but powerful enough to create specialized business applications. If you're ready to begin exploring the possibilities, Mastering VBA for Microsoft Office 2016 gets you started right away.

Conquer Microsoft Office 365 Administration—from the inside out! Dive into Microsoft Office 365 Administration—and really put your Office 365 expertise to work. This supremely organized reference packs hundreds of timesaving solutions, tips, and workarounds—all you need to plan, implement, and operate Microsoft Office 365 in any environment. In this completely revamped Second Edition, a new author team thoroughly reviews the administration tools and capabilities available in the latest versions of Microsoft Office 365, and also adds extensive new coverage of Azure cloud services and SharePoint. Discover how experts tackle today's essential tasks—and challenge yourself to new levels of mastery.

- Install, customize, and use Office 365's portal, dashboard, and admin centers
- Make optimal decisions about tenancy, licensing, infrastructure, and hybrid options
- Prepare your environment for the cloud
- Manage Office 365 identity and access via federation services, password and directory synchronization, authentication, and AAD Connect
- Implement alerts and threat management in the Security & Compliance Center
- Establish Office 365 data classifications, loss prevention plans, and governance
- Prepare your on-premises environment to connect with Exchange Online
- Manage resource types, billing and licensing, service health reporting, and support
- Move mailboxes to Exchange Online via cutover, staged, and express migrations
- Establish hybrid environments with the Office 365 Hybrid Configuration Wizard
- Administer Exchange Online, from recipients and transport to malware filtering
- Understand, plan, and deploy Skype for Business Online

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Master database creation and management Access 2019 Bible is your, comprehensive reference to the world's most popular database management tool. With clear guidance toward everything from the basics to the advanced, this go-to reference helps you take advantage of everything Access 2019 has to offer. Whether you're new to Access or getting started with Access 2019, you'll find everything you need to know to create the database solution perfectly tailored to your needs, with expert guidance every step of the way. The companion website features all examples and databases used in the book, plus trial software and a special offer from Database Creations. Start from the beginning for a complete tutorial, or dip in and grab what you need when you need it. Access enables database novices and programmers to store, organize, view, analyze, and share data, as well as build powerful, integrable, custom database solutions — but databases can be complex, and difficult to navigate. This book helps you harness the power of the database with a solid understanding of their purpose, construction, and application. Understand database objects and design systems objects Build forms, create tables, manipulate datasheets, and add data validation Use Visual Basic automation and XML Data Access Page design Exchange data with other Office applications, including Word, Excel, and more From database fundamentals and terminology to XML and Web services, this book has everything you need to maximize Access 2019 and build the database you need. "SharePoint 2016 may seem complicated, but this book makes it easy to get up to speed! It includes everything you need to know to understand, manage, and customize your site. You'll learn to work with apps, collaborate internally and externally, go mobile, develop workflows, and so much more!"--Page 4 of cover.

Microsoft Azure Essentials from Microsoft Press is a series of free ebooks designed to help you advance your technical skills with Microsoft Azure. The first ebook in the series, Microsoft Azure Essentials: Fundamentals of Azure, introduces developers and IT professionals to the wide range of capabilities in Azure. The authors - both Microsoft MVPs in Azure - present both conceptual and how-to content for key areas, including: Azure Websites and Azure Cloud Services Azure Virtual Machines Azure Storage Azure Virtual Networks Databases Azure Active Directory Management tools Business scenarios Watch Microsoft Press's blog and Twitter (@MicrosoftPress) to learn about other free ebooks in the "Microsoft Azure Essentials" series. Windows SharePoint Services (WSS) 3.0 is the latest version of the collaboration tool found in Windows Server 2003 R2 and also the underlying technology of Microsoft Office SharePoint Server (MOSS) 2007. In this comprehensive book you'll go under the hood of WSS 3.0 and discover how to make it easy to share documents, track tasks, create common workspaces where teams can work collectively, set up discussion groups, and more. Includes essential techniques for site creation, administration, customization, security, and disaster recovery, and practical steps for migrating from 2.0 to 3.0.

Do you need to learn how to use Microsoft Teams? Are you questioning how to drive user adoption, govern content, and manage access for your Teams deployment? Either way, Mastering Microsoft Teams is your one-stop-shop to learning everything you need to know to find success with Microsoft Teams. Microsoft's new chat-based collaboration software has many rich features that enable teams to be more efficient, and save valuable time and resources. However, as with all software, there is a learning curve and pitfalls that should be avoided. Begin by learning the core components and use cases for Teams. From there the authors guide you through ideas to create governance and adoption plans that make sense for your organization or customer. Wrap up with an understanding of features and services in progress, and a road map to the future of the product. What You'll Learn Implement, use, and manage Microsoft Teams Understand how Teams drives productivity and engagement by combining the functionality of Microsoft Groups, SharePoint, OneDrive, Outlook, and other services in one location Govern, explain, and use Teams in your organization Know the pitfalls to avoid that may create challenges in your usage of Teams Become familiar with the functionality and components of Teams via walkthroughs, including opportunities for automating business processes in Teams Who This Book Is For Anyone who wants to learn Microsoft Teams. To get the most out of the book, a basic understanding of Office 365 and a subscription, including a Microsoft Teams license, is useful.

Deliver great business value by adopting the virtualization platform VMware vSphere 6.5, from the design to the deployment About This Book This new edition is based on vSphere 6.5 and has described new features in different areas, including management, security, scalability, availability and so on. Design, deploy and manage VMware datacenters Implement monitoring and security of VMware workloads with ease. Who This Book Is For If you are an administrator, infrastructure engineer, IT architect, or an IT consultant and analyst who has basic knowledge of VMware vSphere and now wants to master it, then this book is for you. What You Will Learn Get a deep understanding of vSphere 6.5 functionalities Design and plan a virtualization environment based on vSphere 6.5 Manage and administer a vSphere 6.5 environment and resources Get tips for the VCP6-DCV and VCIX6-DCV exams (along with use of the vSphere 6 documentation) Implement different migration techniques to move your workload across different environments. Save your configuration, data and workload from your virtual infrastructure. In Detail VMware vSphere 6.5 provides a powerful, flexible and secure foundation for next-generation applications which helps you create an effective digital transformation. This book will be based on VMware vSphere 6.5 which empowers you to virtualize any complex application with ease. You'll begin by getting an overview of all the products, solutions and features of the vSphere 6.5 suite, comparing the evolutions with the previous releases. Next ,you'll design and plan a virtualization infrastructure to drive planning and performance analysis. Following this ,

you will be proceeding with workflow and installation of components. New network trends are also covered which will help you in optimally designing the vSphere environment. You will also learn the practices and procedures involved in configuring and managing virtual machines in a vSphere infrastructure. With vSphere 6.5, you'll make use of significantly more powerful capabilities for patching, upgrading, and managing the configuration of the virtual environment. Next we'll focus on specific availability and resiliency solutions in vSphere. Towards the end of the book you will get information on how to save your configuration, data and workload from your virtual infrastructure. By the end of the book you'll learn about VMware vSphere 6.5 right from design to deployment and management. Style and Approach This book acts as a reference guide providing real-world scenarios and a possible baseline for each virtualization project based on VMware vSphere.

Authoritative, hands-on guidance for Skype Business administrators Mastering Skype for Business 2015 gives administrators the comprehensive coverage they need to effectively utilize Skype for Business. Fully up to date for the 2015 release, this guide walks you through industry best practices for planning, design, configuration, deployment, and management with clear instruction and plenty of hands-on exercises. Case studies illustrate the real-world benefits of Unified Communication, and provide expert experiences working with Skype for Business. From server roles, infrastructure, topology, and security to telephony, cloud deployment, and troubleshooting, this guide provides the answers you need and the insight that will make your job easier. Sample automation scripts help streamline your workflow, and full, detailed coverage helps you exploit every capability Skype for Business has to offer. Skype for Business enables more robust video conferencing, and integrates with Office, Exchange, and SharePoint for better on-premises and cloud operations. Organizations are turning to Skype for Business as a viable PBX replacement, and admins need to be up to speed and ready to go. This book provides the clear, explicit instructions you need to: Design, configure, and manage IM, voice mail, PBX, and VoIP Connect to Exchange and deploy Skype for Business in the cloud Manage UC clients and devices, remote access, federation, and public IM Automate management tasks, and implement cross-team backup-and-restore The 2015 version is the first Skype to take advantage of the Windows 10 'touch first' capabilities to provide fast, natural, hands-on control of communications, and users are eager to run VoIP, HD video conferencing, collaboration, instant messaging, and other UC features on their mobile devices. Mastering Skype for Business 2015 helps you get Skype for Business up and running quickly, with hands-on guidance and expert insight.

Maximize the impact and precision of your message! Now in its fourth edition, the Microsoft Manual of Style provides essential guidance to content creators, journalists, technical writers, editors, and everyone else who writes about computer technology. Direct from the Editorial Style Board at Microsoft—you get a comprehensive glossary of both general technology terms and those specific to Microsoft; clear, concise usage and style guidelines with helpful examples and alternatives; guidance on grammar, tone, and voice; and best practices for writing content for the web, optimizing for accessibility, and communicating to a worldwide audience. Fully updated and optimized for ease of use, the Microsoft Manual of Style is designed to help you communicate clearly, consistently, and accurately about technical topics—across a range of audiences and media.

Master your virtual environment with the ultimate vSphere guide Mastering VMware vSphere 6 is the fully updated edition of the bestselling guide to VMware's virtualization solution. With comprehensive coverage of this industry-leading toolset, this book acts as an informative guide and valuable reference. Step-by-step instruction walks you through installation, configuration, operation, security processes, and much more as you conquer the management and automation of your virtual environment. Written by certified VMware vExperts, this indispensable guide provides hands-on instruction and detailed conceptual explanations, anchored by practical applications and real-world examples. This book is the ultimate guide to vSphere, helping administrators master their virtual environment. Learn to: Install, configure, and manage the vCenter Server components Leverage the Support Tools to provide maintenance and updates Create and configure virtual networks, storage devices, and virtual machines Implement the latest features to ensure compatibility and flexibility Manage resource allocation and utilization to meet application needs Monitor infrastructure performance and availability Automate and orchestrate routine administrative tasks Mastering VMware vSphere 6 is what you need to stay up-to-date on VMware's industry-leading software for the virtualized datacenter.

If you were to analyze your team's performance on a typical project, you'd be surprised how much time is wasted on non-productive tasks. This hands-on guide shows you how to work more efficiently by organizing and managing projects with SharePoint 2010. You'll learn how to build a Project Management Information System (PMIS), customized to your project, that can effectively coordinate communication and collaboration among team members. Written by a certified Project Management Professional (PMP) and Microsoft SharePoint MVP with 15 years of IT project management experience, each chapter includes step-by-step guides as well as workshops that help you practice what you learn. Build a SharePoint PMIS that requires little assistance from your IT/IS department Define access permissions for project stakeholders and team members Centralize project artifacts and keep track of document history with version control Track project schedules, control changes, and manage project risks Automate project reporting and use web parts to generate on-demand status reports Integrate project management tools such as Excel, Microsoft Project, PowerPoint, and Outlook Apply your knowledge of PMIS techniques by working with a case study throughout the book "If you are a project manager looking for a technology-based, easily implemented, and usable solution for project communications, document management, and general project organization, this book is for you!" —Susan Weese, PgMP, President and Founder, Rhyming Planet

Reporting Services is a powerful tool for SQL Server 2005 database administrators, developers, and other IT professionals, enabling them to make sense of the immense amount of data generated by enterprises of all sizes Shows readers how to create, manage, and distribute information as well as how to design, produce, and distribute reports that meet the needs of the stakeholder Contains practical insights and real-world solutions not found in other books Bridges the gap between those who manage data and those who need it

Organizations across the world have been shifting to Office 365 to boost the productivity levels of their staff. However, to maximize the investment in Office 365, you need to learn how to efficiently administer Office 365 solutions. Microsoft Office 365 Administration Cookbook is packed with recipes offering guidance for common and less ...

Simple backups are no longer enough. To fully protect a modern IT infrastructure, you need sophisticated data protection technologies. This comprehensive guide to Microsoft's new System Center Data Protection Manager 2007 (DPM) will help you improve your server security using this robust new software. The book thoroughly explains DPM's unique abilities, and you'll find step-by-step instructions on setting up and deployment. You'll learn how to recover critical data and monitor processes for Exchange Server, SQL Server, SharePoint Server, Microsoft Virtual Server virtual machines, and Windows file servers and workstations.

The one book you absolutely need to get up and running with Windows Server 2008 R2. One of the world's leading Windows authorities and top-selling author Mark Minasi explores every nook and cranny of the latest version of Microsoft's flagship network operating system, Windows Server 2008 R2, giving you the most in-depth coverage in any book on the market. Focuses on Windows Windows Server 2008 R2, the newest version of Microsoft's Windows' server line of operating system, and the ideal server for new Windows 7 clients Author Mark Minasi is one of the world's leading Windows authorities and has taught tens of thousands of people to design and run Windows networks Covers Windows storage concepts and skills, Windows Server 2008 IP, WINS, NetBIOS, LMHosts, DNS, creating the simple Active Directory, and creating and managing user accounts Explains Group Policy in Active Directory; files, folders and shares; Sysvol, old and new; sharing printers on the network; remote server administration; connecting Windows clients to your network; working the Web with IIS 7.0; and AD maintenance and recovery Provides workarounds for things that don't quite work as they should and how-tos for many undocumented features Find out everything you want to know-and then some!

An essential guide on the latest version of Microsoft's server management tool Microsoft's powerful Mastering System Center 2012 Operations Manager introduces many exciting new and enhanced feature sets that allow for large-scale management of mission-critical servers. This comprehensive guide provides invaluable coverage to help organizations monitor their environments across computers, network, and storage infrastructures while maintaining efficient and effective service levels across their applications. Provides intermediate and advanced coverage of all aspects of Systems Center 2012 Operations Manager, including designing, planning, deploying, managing, maintaining, and scripting Operations Manager Offers a hands-on approach by providing many real-world scenarios to show you how to use the tool in various contexts Anchors conceptual explanations in practical application Mastering System Center 2012 Operations Manager clearly shows you how this powerful server management tool can best be used to serve your organization's needs.

Unleash the benefits of VMware vSphere 6.7 to provide a powerful, flexible and secure digital infrastructure Key Features Deep dive into areas like management, security, scalability, availability and more with vSphere 6.7 Design, deploy and manage VMware vSphere virtual datacenters Implement monitoring and security of VMware workloads with ease Book Description vSphere 6.7 is the latest release of VMware's industry-leading, virtual cloud platform. It allows organisations to move to hybrid cloud computing by enabling them to run, manage, connect and secure applications in a common operating environment. This up-to-date, 2nd edition provides complete coverage of vSphere 6.7. Complete with step-by-step explanations of essential concepts, practical examples and self-assessment questions, you will begin with an overview of the products, solutions and features of the vSphere 6.7 suite. You'll learn how to design and plan a virtual infrastructure and look at the workflow and installation of components. You'll gain insight into best practice configuration, management and security. By the end the book you'll be able to build your own VMware vSphere lab that can run even the most demanding of workloads. What you will learn Explore the immense functionality of vSphere 6.7 Design, manage and administer a virtualization environment Get tips for the VCP6-DCV and VCIX6-DCV exams Understand how to implement different migration techniques across different environments Explore vSphere 6.7s powerful capabilities for patching, upgrading and managing the configuration of virtual environments. Understand core vSphere components Master resource management, disaster recovery, troubleshooting, monitoring and security Who this book is for This book is for Administrators, Infrastructure Engineers, Architects, and Consultants with basic knowledge of VMware vSphere.

A bestselling Exchange Server guide, updated for the 2016 release Mastering Microsoft Exchange Server 2016 is the gold-standard reference for system administrators and first-time users alike. Fully updated to align with the latest release, this expert-led guide provides comprehensive coverage and easy-to-follow tutorials for all aspects of Exchange Server installation, configuration, and management. Whether you're migrating from an earlier version or installing Exchange Server for the first time, this book gives you quick access to the answers you need. Step-by-step instructions walk you through planning and design, installation, administration and management, maintenance, and more, so you can get up to speed quickly and get back to work. With a focus on the hands-on details, the Microsoft Certified Masters author team provides practical insight and invaluable guidance on every aspect of Exchange Server 2016, from mastering the basics to leveraging new features. Microsoft Exchange allows access to e-mail, voicemail, and calendars at any time, from almost any device. The 2016 release is designed specifically to appeal to enterprises; if you've been tasked with the implementation, this guide has the information you need. Get up to speed with the latest changes and features Understand server configurations, requirements, installation, and migration Manage mailboxes, groups, connectivity, and the client access server Troubleshoot common issues efficiently and effectively Exchange Server 2016 shifts even more control to the user, freeing administrators to perform more critical tasks. Beefed-up architecture and more centralized functions have eased configuration and upgrades, and a robust cloud implementation is expected to draw enterprises sooner rather than later. Systems administrators need to become familiar with the latest changes, and Mastering Microsoft Exchange Server 2016 is the ultimate reference and tutorial.

Leverage Office 365 to increase your organization's efficiency Key Features Perform common to advanced-level management and administrative tasks for your organization with Office 365 Become an Office 365 generalist who can work with the entire stack—not just specific products An advanced-level guide that will teach you to implement enterprise-level services into your organization, no matter the size of the business Book Description In today's world, every organization aims to migrate to the cloud in order to become more efficient by making full use of the latest technologies. Office 365 is your one-stop solution to making your organization reliable, scalable, and fast. This book will start with an overview of Office 365 components, and help you learn how to use the administration portal, and perform basic administration. It then goes on to cover common management tasks, such as managing users, admin roles, groups, securing Office 365, and enforcing compliance. In the next set of chapters, you will learn about topics including managing Skype for Business Online, Yammer, OneDrive for Business, and Microsoft Teams. In the final section of the book, you will learn how to carry out reporting and monitor Office 365 service health. By the end of this book, you will be able to implement enterprise-level services with Office 365 based on your organization's needs. What you will learn Understand the vast Office 365 feature set Understand how workloads and applications interact and integrate with each other Connect PowerShell to various Office 365 services and perform tasks Manage Skype for Business Online Get support and monitor Office 365 service health Manage and administer identities and groups efficiently Who this book is for This book targets architects, sys admins, engineers, and administrators who are working with Office 365 and are responsible for configuring, implementing, and managing Office 365 in their organization. A prior knowledge of Office 365 and Exchange servers is mandatory.

Discover the power of Microsoft Teams with this intuitive and timely new guide Microsoft Teams is unlocking the potential of remote work and virtual meetings at a time when they couldn't be more necessary. Its feature-rich interface and ease-of-use promise to bring your team together—as long as you can harness its full suite of capabilities. In Teach Yourself VISUALLY Microsoft Teams, Microsoft experts and authors Matt Wade and Sven Seidenberg turn their years of engineering and IT experience loose on the virtual collaboration software now used by over one

hundred million people across the globe. Using the book's huge collection of vibrant and full-sized images and walkthroughs, you'll see exactly what you need to do in order to: Realize the key benefits of Teams by using its messaging and video-conferencing capabilities to stay connected with your colleagues Manage multiple teams and channels to use Teams across your organization Extend the functionality of Teams by using additional apps and add-ons Learn valuable tips, best practices, and work-arounds to make the most of and avoid the landmines in Teams Rapidly becoming the central hub for working in Microsoft 365, Microsoft Teams promises to transform the way you work and communicate. And you'll master it faster and easier by using this ultimate guide to get the most out of Microsoft's latest and greatest software!

Covers the features and functions of Microsoft Exchange Server 2013, with information on such topics as utilizing the standards and protocols, business continuity, message security, and server virtualization.

A step-by-step guide to acquire knowledge of the SharePoint Framework (SPFx), build it from scratch, and gradually move towards developing practical examples. DESCRIPTION SharePoint is continuously evolving, and it has offered the SharePoint Framework as a new development model to extend the modern SharePoint user interface. The development paradigm has shifted from the server-side to the client-side development involving various open source tooling and modern toolchain. As a result, relevant technical expertise and analytical skills are required to do such tasks. This book aims to equip you with enough knowledge of the SharePoint Framework in conjunction with skills to use powerful tools such as Node.js, npm, Yeoman, Gulp, TypeScript, and so on to succeed in the role of a SharePoint developer. The book starts with a brief introduction to the SharePoint evolution across versions and the rise of the SharePoint Framework and the opportunities you may come across along with an overview of the key topics covered in the book. You will learn how to set up the SharePoint Framework. Before diving into several supervised, unsupervised and other practical use cases of the SharePoint Framework, you will learn how to develop SharePoint Framework solutions using React JS, Angular JS, Knockout JS, and PnP JS and utilize third-party npm packages. You will learn various methodologies to deploy the SharePoint Framework solutions, implement best practices, upgrade techniques, build custom components, and continuous integration and delivery pipelines for SharePoint Framework solutions with Azure DevOps. KEY FEATURES Master the concept of the SharePoint Framework (SPFx) Learn how to use various JavaScript libraries and frameworks with the SharePoint Framework Deploy SPFx solutions into CDNs (Azure Storage and O365 Public CDN) Learn SharePoint operations with SPFx Consume the Microsoft Graph and third-party APIs in SPFx Upgrade solutions from deployment scenarios Continuous integration and delivery pipelines for the SharePoint Framework solutions with Azure DevOps Develop practical scenarios WHAT WILL YOU LEARN By the end of the book, you will come across a few case studies to put your knowledge gained into practice and solve real-life business problems such as building custom components such as web parts and extensions. You will learn how to consume the Microsoft Graph and third-party APIs, develop Custom App Pages, implement Library Components, extend MS Teams with SPFx, and implement CI/CD pipelines for the SharePoint Framework solutions with Azure DevOps. Remember to practice examples provided as the code bundle for each chapter in this book to master these techniques. WHO THIS BOOK IS FOR The book is intended for anyone looking for a career in modern SharePoint, all aspiring SharePoint developers who want to learn the most powerful technique to extend the SharePoint user interface or working professionals who want to switch their career in SharePoint. While no prior knowledge of SharePoint, open-source tooling and modern toolchain or related technologies is assumed, it will be helpful to have some programming experience. Table of Contents 1. Getting Started with SharePoint Framework 2. Develop Your First SPFx Web Part 3. SPFx Web Part Property Pane 4. Custom Controls for Web Part Property Pane 5. PnP Controls for Web Part Property Pane 6. CSS Considerations 7. Configure SPFx Web Part Icon 8. Examine SPFx Web Parts on Modern SharePoint 9. Host SPFx Web Parts from MS Azure CDN 10. Host SPFx Web Parts from Office 365 Public CDN 11. Host SPFx Web Parts from SharePoint Document Library 12. Integrating jQuery with SPFx Web Parts 13. CRUD Operations with No Framework 14. CRUD Operations with React JS 15. CRUD Operations with Angular JS 16. CRUD Operations using Knockout JS 17. CRUD Operations with SP-PnP-JS 18. Transition to @pnp/sp from sp-pnp-js 19. SPFx Development with React JS 20. React Lifecycle Events in SPFx 21. AutoBind Control Events in SPFx 22. Partial State Update for React-based SPFx WebParts 23. Using Office UI Fabric in SPFx 24. Provision SharePoint Assets in SPFx Solution 25. Connect to MS Graph API with MSGraphClient 26. Connect to MS Graph API with AadHttpClient 27. SPFx Logging Mechanism 28. Debug SPFx Solutions 29. Overview of SPFx Extensions 30. SPFx Extension - Application Customizer 31. Extend Application Customizer with React Components 32. SPFx Extension - Field Customizer 33. SPFx Extension - ListView Command Set 34. Anonymously Call MS Azure Functions 35. Securing Azure Function with Azure Active Directory 36. Consume Azure AD Secured Function with SPFx 37. Implementing Separation of Concerns (SoC) 38. Localization Support for SPFx 39. Office 365 CLI 40. SPFx Solutions Upgrade 41. SPFx Solution Upgrade with Office 365 CLI 42. Common Issues and Resolutions with Upgrading npm Packages 43. Extend MS Teams with SPFx 44. Library Component Type 45. Develop Custom App Pages with SPFx 46. Optimizing SPFx Solutions 47. Unit Test with Jest and Enzyme 48. DevOps For SPFx 49. Query User Profile Details 50. Query SP Search Results 51. React-based Tree view 52. React-based Carousel 53. React-based Organogram 54. Integrating Adaptive Cards with SPFx 55. Integrating Google API with SPFx 56. SPFx Development with SharePoint On-Premises

Embrace modern solutions to enhance collaboration, teamwork, robotic process automation, and business intelligence in your organization using powerful Microsoft 365 services (formerly Office 365) Key Features Gain a complete overview of popular Microsoft 365 services using practical recipes and expert insights Collaborate with your team and external users effectively using SharePoint and Teams Create no-code and low-code solutions, such as bots, forms, dashboards, and workflows, using the Power platform Book Description Microsoft 365 in an integrated suite that provides intelligent tools for managing everyday organizational tasks like content management, communication, creating reports, and automating business processes. With this book, you'll get to grips with popular apps from Microsoft, with a focus on enabling workspace collaboration and productivity using Microsoft SharePoint Online, Teams, and the Power Platform to name a few. In addition to guiding you through the implementation of Microsoft 365 apps, this practical guide helps you to learn from a Microsoft consultant's extensive experience of working with the Microsoft business suite. Starting with a quick overview of the M365 ecosystem, the book covers recipes for implementing SharePoint Online for various content management tasks. You'll learn how to create sites for your organization and enhance collaboration across the business and then see how you can boost productivity with apps such as Microsoft Teams, Power Platform, Planner, Delve, and M365 Groups. Using a step-by-step approach, you'll also find out how to use the Power Platform efficiently, making the most of

Microsoft PowerApps, Power Automate, PowerBI, and Power Virtual Agents. Finally, the book focuses on the SharePoint framework, which helps you to build custom Teams and SharePoint solutions. By the end of the book, you'll be equipped with the skills required to set up Microsoft 365 and SharePoint Online and be ready to enhance business productivity using a variety of tools. What you will learn Get to grips with a wide range of apps and cloud services in Microsoft 365 Discover ways to use SharePoint Online to create and manage content Store and share documents using SharePoint Online Improve your search experience with Microsoft Search Leverage the Power Platform to build business solutions with Power Automate, Power Apps, Power BI, and Power Virtual Agents Enhance native capabilities in SharePoint and Teams using the SPFx framework Use Microsoft Teams to meet, chat, and collaborate with colleagues or external users Who this book is for This book is for business professionals, IT administrators, enterprise developers and architects, and anyone who wants to get to grips with using M365 for effective implementation of Microsoft apps. Prior experience with Office 365 and SharePoint will assist with understanding the recipes effortlessly.

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Introducing Microsoft Power BI enables you to evaluate when and how to use Power BI. Get inspired to improve business processes in your company by leveraging the available analytical and collaborative features of this environment. Be sure to watch for the publication of Alberto Ferrari and Marco Russo's upcoming retail book, *Analyzing Data with Power BI and Power Pivot for Excel* (ISBN 9781509302765). Go to the book's page at the Microsoft Press Store here for more details:<http://aka.ms/analyzingdata/details>. Learn more about Power BI at <https://powerbi.microsoft.com/>. Provides information on planning, installing, configuring, and maintaining the Microsoft Windows Server 2003 R2, SP1 system.

A step-by-step guide to acquire knowledge of the SharePoint Framework (SPFx), build it from scratch, and gradually move towards developing practical examplesKey feature Master the concept of the SharePoint Framework (SPFx) Learn how to use various JavaScript libraries and frameworks with the SharePoint Framework Deploy SPFx solutions into CDNs (Azure Storage and O365 Public CDN) Learn SharePoint operations with SPFx Consume the Microsoft Graph and third-party APIs in SPFx Upgrade solutions from deployment scenarios Continuous integration and delivery pipelines for the SharePoint Framework solutions with Azure DevOps Develop practical scenariosDescriptionSharePoint is continuously evolving, and it has offered the SharePoint Framework as a new development model to extend the modern SharePoint user interface. The development paradigm has shifted from the server-side to the client-side development involving various open source tooling and modern toolchain. As a result, relevant technical expertise and analytical skills are required to do such tasks. This book aims to equip you with enough knowledge of the SharePoint Framework in conjunction with skills to use powerful tools such as Node.js, npm, Yeoman, Gulp, TypeScript, and so on to succeed in the role of a SharePoint developer.The book starts with a brief introduction to the SharePoint evolution across versions and the rise of the SharePoint Framework and the opportunities you may come across along with an overview of the key topics covered in the book. You will learn how to set up the SharePoint Framework. Before diving into several supervised, unsupervised and other practical use cases of the SharePoint Framework, you will learn how to develop SharePoint Framework solutions using React JS, Angular JS, Knockout JS, and PnP JS and utilize third-party npm packages. You will learn various methodologies to deploy the SharePoint Framework solutions, implement best practices, upgrade techniques, build custom components, and continuous integration and delivery pipelines for SharePoint Framework solutions with Azure DevOps.What will you learnBy the end of the book, you will come across a few case studies to put your knowledge gained into practice and solve real-life business problems such as building custom components such as web parts and extensions. You will learn how to consume the Microsoft Graph and third-party APIs, develop Custom App Pages, implement Library Components, extend MS Teams with SPFx, and implement CI/CD pipelines for the SharePoint Framework solutions with Azure DevOps.

Remember to practice examples provided as the code bundle for each chapter in this book to master these techniques.Who this book is forThe book is intended for anyone looking for a career in modern SharePoint, all aspiring SharePoint developers who want to learn the most powerful technique to extend the SharePoint user interface or working professionals who want to switch their career in SharePoint. While no prior knowledge of SharePoint, open-source tooling and modern toolchain or related technologies is assumed, it will be helpful to have some programming experience.Table of contents1. Getting Started with SharePoint Framework2. Develop Your First SPFx Web Part3. SPFx Web Part Property Pane4. Custom Controls for Web Part Property Pane5. PnP Controls for Web Part Property Pane6. CSS Considerations7. Configure SPFx Web Part Icon8. Examine SPFx Web Parts on Modern SharePoint9. Host SPFx Web Parts from MS Azure CDN10. Host SPFx Web Parts from Office 365 Public CDN11. Host SPFx Web Parts from SharePoint Document Library12. Integrating jQuery with SPFx Web Parts13. CRUD Operations with No Framework14. CRUD Operations with React JS15. CRUD Operations with Angular JS16. CRUD Operations using Knockout JS17. CRUD Operations with SP-PnP-JS18. Transition to @pnp/sp from sp-pnp-js19. SPFx Development with React JS20. React Lifecycle Events in SPFx21. AutoBind Control Events in SPFx22. Partial State Update for React-based SPFx WebParts23. Using Office UI Fabric in SPFx24. Provision SharePoint Assets in SPFx Solution25. Connect to MS Graph API with MSGraphClient26. Connect to MS Graph API with AadHttpClient27. SPFx Logging Mechanism28. Debug SPFx Solutions29. Overview of SPFx Extensions30. SPFx Extension - Application Customizer31. Extend Application Customizer with React Components32. SPFx Extension - Field Customizer33. SPFx Extension - ListView Command Set34. Anonymously Call MS Azure Functions35. Securing Azure Function with Azure Active Directory36. Consume Azure AD Secured Function with SPFx37. Implementing Separation of Concerns (SoC)38. Localization Support for SPFx39. Office 365 CLI 40. SPFx Solutions Upgrade41. SPFx Solution Upgrade with Office 365 CLI42. Common Issues and Resolutions with Upgrading npm Packages43. Extend MS Teams with SPFx44. Library Component Type 45. Develop Custom App Pages with SPFx46. Optimizing SPFx Solutions47. Unit Test with Jest and Enzyme48. DevOps For SPFx49. Query User Profile Details50. Query SP Search Results51. React-based Tree view52. React-based Carousel53. React-based Organogram54. Integrating Adaptive Cards with SPFx55. Integrating Google API with SPFx56. SPFx Development with SharePoint On-PremisesAbout the authorNanddeep Nachan is a results-oriented Technology Architect with over 14 years of experience in Microsoft Technologies, especially in SharePoint, Office 365, MS Azure, and Dot Net. He is experienced in the design, implementation, configuration, and maintenance of several large-scale projects. He focuses on architectural design and implementation, website design and development, complete application development cycles, and .NET technologies. He has been working with SharePoint since the last 14 years and has exposure to SharePoint versions starting from SharePoint 2007 (MOSS).He is a CSM (Certified Scrum Master), Microsoft Certified Professional with certifications in SharePoint, MS Azure, Office 365, and .NET. He is a 2-time C# Corner MVP and an author as well. He is a regular speaker at various events.He is also a creative, technically sound photographer with experience in custom and specialized photography.He is an active contributor to SharePoint Patterns and Practices

(<https://github.com/SharePoint/>) and C# Corner (<http://www.c-sharpcorner.com>).His Blog links: <https://www.c-sharpcorner.com/members/nanddeep-nachan/articles> His LinkedIn Profile: <https://www.linkedin.com/in/nanddeepnachan>

This book will show you how to use Power BI effectively to create a variety of visualizations and BI dashboards. Right from gathering data through various data sources, you will learn to perform effective visual analytics. By the end of this book, you will be able to gain unique, hidden insights into your data using Microsoft Power BI.

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Start empowering users and protecting corporate data, while managing Identities and Access with Microsoft Azure in different environments About This Book Deep dive into the Microsoft Identity and Access Management as a Service (IDaaS) solution Design, implement and manage simple and complex hybrid identity and access management environments Learn to apply solution architectures directly to your business needs and understand how to identify and manage business drivers during transitions Who This Book Is For This book is for business decision makers, IT consultants, and system and security engineers who wish to plan, design, and implement Identity and Access Management solutions with Microsoft Azure. What You Will Learn Apply technical descriptions and solution architectures directly to your business needs and deployments Identify and manage business drivers and architecture changes to transition between different scenarios Understand and configure all relevant Identity and Access Management key features and concepts Implement simple and complex directory integration, authentication, and authorization scenarios Get to know about modern identity management, authentication, and authorization protocols and standards Implement and configure a modern information protection solution Integrate and configure future improvements in authentication and authorization functionality of Windows 10 and Windows Server 2016 In Detail Microsoft Azure and its Identity and Access Management is at the heart of Microsoft's Software as a Service, including Office 365, Dynamics CRM, and Enterprise Mobility Management. It is an essential tool to master in order to effectively work with the Microsoft Cloud. Through practical, project based learning this book will impart that mastery. Beginning with the basics of features and licenses, this book quickly moves on to the user and group lifecycle required to design roles and administrative units for role-based access control (RBAC). Learn to design Azure AD to be an identity provider and provide flexible and secure access to SaaS applications. Get to grips with how to configure and manage users, groups, roles, and administrative units to provide a user- and group-based application and self-service access including the audit functionality. Next find out how to take advantage of managing common identities with the Microsoft Identity Manager 2016 and build cloud identities with the Azure AD Connect utility. Construct blueprints with different authentication scenarios including multi-factor authentication. Discover how to configure and manage the identity synchronization and federation environment along with multi-factor authentication, conditional access, and information protection scenarios to apply the required security functionality. Finally, get recommendations for planning and implementing a future-oriented and sustainable identity and access management strategy. Style and approach A practical, project-based learning experience explained through hands-on examples.

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