

## Licensing Microsoft Project Server 2016 Licensing

Distribute Actionable, Timely BI with Microsoft® SQL Server® 2016 and Power BI Drive better, faster, more informed decision making across your organization using the expert tips and best practices featured in this hands-on guide. Delivering Business Intelligence with Microsoft SQL Server 2016, Fourth Edition, shows, step-by-step, how to distribute high-performance, custom analytics to users enterprise-wide. Discover how to build BI Semantic Models, create data marts and OLAP cubes, write MDX and DAX scripts, and share insights using Microsoft client tools. The book includes coverage of self-service business intelligence with Power BI.

- Understand the goals and components of successful BI
- Build data marts, OLAP cubes, and Tabular models
- Load and cleanse data with SQL Server Integration Services
- Manipulate and analyze data using MDX and DAX scripts and queries
- Work with SQL Server Analysis Services and the BI Semantic Model
- Author interactive reports using SQL Server Data Tools
- Create KPIs and digital dashboards
- Implement time-based analytics
- Embed data model content in custom applications using ADOMD.NET
- Use Power BI to gather, model, and visualize data in a self-service environment

Discover over 100 practical recipes to help you master the art of IT service management for your organization About This Book Unleash the capabilities of Microsoft System Center 2016 Service Manager Master the skills of configuring, deploying, managing, and troubleshooting your Service Manager 2016 This book contains practical recipes that leverage the key and newly added features and functionalities of Microsoft System Center 2016 Service Manager Who This Book Is For This book will be useful to IT professionals including SCSM administrators who want to configure and administer System Center Service Manager 2016 and understand how to solve specific problems and scenarios that arise. It will also be useful to users of Service Manager 2012 who want to learn about the new features and capabilities of the Service Manager 2016 release. It will be ideal if you have Service Manager experience as well as experience with other System Center products. What You Will Learn See a practical implementation of the ITSM framework and processes based on ITIL Deploy and configure the new Service Manager HTML5 Self-Service Portal along with Service Catalog design and configuration Get to know about Incident, Problem, and Change Management processes and configuration Get to grips with performing advanced personalization in Service Manager Discover how to set up and use automation with and within Service Manager 2016 Work with Service Manager Data Warehouse Find out what Security Roles are and how to implement them Learn how to upgrade from SCSM 2012 R2 to SCSM 2016 In Detail System Center Service Manager (SCSM) is an integrated platform that offers a simplified data center management experience by implementing best practices such as Incident Management, Service Request, and Change Control to achieve efficient service delivery across your organization. This book provides you with real-world recipes that can be used immediately and will show you how to configure and administer SCSM 2016. You'll also find out how to solve particular problems and scenarios to take this tool further. You'll start with recipes on implementing ITSM frameworks and processes and configuring Service Level Agreements (SLAs). Then, you'll work through deploying and configuring the HTML5 Self-Service Portal, configuring Incident and Problem

Management, and designing and configuring Change and Release Management. You'll also learn about security roles and overall Microsoft SCSM 2016 administration. Toward the end of the book, we'll look at advanced topics, such as presenting the wealth of information stored within the Service Manager Data Warehouse, standardizing SCSM deployments, and implementing automation. Style and approach This book will enlighten you on Microsoft System Center 2016 Service Manager through recipes that can be implemented directly in any enterprise. You can read the book from start to end if you're a beginner, or just open up any chapter and start following the recipes as a reference for advanced users. This book consists of a pool of step-by-step recipes on how to perform activities in Service Manager.

This book provides an in-depth insight into the new architectures and concepts of current Citrix XenDesktop and XenApp technologies for central provisioning of desktops and applications. It is aimed both at newcomers to the Citrix virtualization world and at those upgrading from previous versions. All the necessary steps for the creation of a design, and the development and operation of a complete, scalable virtualization environment are discussed in a detailed and practical manner. Valuable advice and comprehensive background information also feature in this solution-oriented compendium, making it an indispensable companion for IT solution architects, consultants and administrators.

Build a seamless, flexible, full-service datacenter solution Microsoft Windows Server 2016 Hyper-V is the IT administrator's guide to this rising datacenter solution. Hyper-V has already surpassed VMWare in datacenter management, identity service for multiple devices, and more; this book shows you how to harness the power of this hypervisor to simplify the infrastructure, reduce costs, improve productivity, and better manage system resources. From a tour of the technology through architecture, deployment, and integration of System Center, Microsoft Azure, and Microsoft Azure Stack, the discussion illustrates the skills you need to create a complete solution for optimum enterprise management. Coverage includes Windows Azure capabilities for virtual machines, managing a hybrid cloud, IaaS, storage capabilities, PowerShell, and more, with practical real-world guidance from a leading authority in the field. Hyper-V has recently undergone improvements in scalability and features that have positioned it as an ideal solution in the Small/Medium Business and Enterprise markets. This book shows you how to exploit these new capabilities to build a robust data solution for your organization. Discover the capabilities of Microsoft Hyper-V Architect a Hyper-V datacenter solution Plan and manage a deployment or migration Integrate complementary technologies for full scalability Data is everywhere—on desktops, laptops, phones, and multiple operating systems, accessed through email, text messages, web searches, online services, and more. All of this data must be stored, accessible, updated, backed up, secured, managed, sorted, and analyzed—sometimes instantly. Hyper-V is the rising star in the virtualization space, and Microsoft Windows Server 2016 Hyper-V shows you how to turn greater capabilities into better datacenter solutions.

The Encyclopedia of Cloud Computing provides IT professionals, educators, researchers and students with a compendium of cloud computing knowledge. Authored by a spectrum of subject matter experts in industry and academia, this unique publication, in a single volume, covers a wide range of cloud computing topics, including technological trends and developments, research

opportunities, best practices, standards, and cloud adoption. Providing multiple perspectives, it also addresses questions that stakeholders might have in the context of development, operation, management, and use of clouds. Furthermore, it examines cloud computing's impact now and in the future. The encyclopedia presents 56 chapters logically organized into 10 sections. Each chapter covers a major topic/area with cross-references to other chapters and contains tables, illustrations, side-bars as appropriate. Furthermore, each chapter presents its summary at the beginning and backend material, references and additional resources for further information.

While major strides need to be taken to promote inclusive growth, critical developments across the country's economy continue to heighten investor appetite. This was given a significant boost with the victory of Daw Aung San Suu Kyi's National League for Democracy (NLD) over the ruling Union Solidarity and Development Party (USDP) in the November 2015 national elections. The NLD is expected to build upon efforts taken by outgoing President U Thein Sein to improve transparency, promote peace and increase spending on health and education, which have to some degree alleviated the strain left behind by decades of military rule. With the incoming NLD administration expected to prioritise inclusive growth, the outlook for all segments of Myanmar's population is looking significantly more positive.

This engaging strategy text presents the accumulated knowledge of strategic management scholarship in a way that is very accessible to students. Highly respected authors Hill, Schilling, and Jones integrate cutting-edge research on topics including competitive advantage, corporate governance, diversification, strategic leadership, technology and innovation, and corporate social responsibility through both theory and case studies. Based on real-world practices and current thinking in the field, the 12th edition of STRATEGIC MANAGEMENT features an increased emphasis on the changing global economy and its role in strategic management, as well as thought-provoking opening and closing cases that highlight the concepts discussed in each chapter. The appendix walks students through the case analysis process, and explains key ratios that managers use to compare the performance of firms. This text is the key reference that should be on every strategic leader's bookshelf. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

EXAM MD-100 AND MD-101 Provides 1,000 practice questions covering all exam objectives. Compliments the MCA Modern Desktop Administrator Complete Study Guide: Exam MD-100 and Exam MD-101 Quick, focused review for MD-100 and MD-101 Microsoft's new Certified Associate Modern Desktop qualification verifies your skill as an administrator of Windows 10 technologies and modern desktop management. With a focus on the intricacies of Microsoft 365, this certification is in high demand. The 2 practice exams PLUS domain-by-domain questions in this book will help you target your study and sharpen your focus—1000 questions total! So now tackle the certification exam with confidence. Expertly crafted questions cover 100% of the objectives for both the MD-100 and MD-101 exams, enabling you to be fully prepared. Coverage of 100% of all exam objectives in these practice tests means you'll be ready for: Desktop and Device Deployment Windows Management and Monitoring OS Updates and Upgrades Core Services Support Data Access and Usage Networking Security Driver and Device Installation Remote Access

Configuration System Backup and Restore Interactive learning environment Take your exam prep to the next level with Sybex's superior interactive online study tools. To access our learning environment, simply visit [www.wiley.com/go/sybextestprep](http://www.wiley.com/go/sybextestprep), register to receive your unique PIN, and instantly gain one year of FREE access to the interactive test bank with two practice exams and domain-by-domain questions. 1000 questions total! Interactive test bank Use the interactive online version of the book's 2 practice exams to help you identify areas where further review is needed. Get more than 90% of the answers correct, and you're ready to take the certification exam. 100 questions total! ABOUT THE MCA PROGRAM The MCA Microsoft 365 Certified: Modern Desktop Administrator Associate certification helps Modern Desktop Administrators deploy, configure, secure, manage, and monitor devices and client applications in an enterprise environment. Exam MD-100, Windows 10, measures your ability to accomplish the following technical tasks: deploy Windows; manage devices and data; configure connectivity; and maintain Windows. Exam MD-101, Managing Modern Desktops, measures your ability to accomplish the following technical tasks: deploy and update operating systems; manage policies and profiles; manage and protect devices; and manage apps and data. Visit [www.microsoft.com/en-us/learning/modern-desktop.aspx](http://www.microsoft.com/en-us/learning/modern-desktop.aspx) for more information.

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.

Prepare for Microsoft Exam 70-740—and help demonstrate your real-world mastery of Windows Server 2016 installation, storage, and compute features and capabilities. Designed for experienced IT professionals ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the MCSA level. Focus on the expertise measured by these objectives:

- Install Windows Servers in host and compute environments
- Implement storage solutions
- Implement Hyper-V
- Implement Windows containers
- Implement high availability
- Maintain and monitor server environments

This Microsoft Exam Ref:

- Organizes its coverage by exam objectives
- Features strategic, what-if scenarios to challenge you
- Assumes you have experience working with Windows Server in an enterprise environment; are familiar with core networking infrastructure, topologies, architectures, and protocols; and have experience with Windows clients and virtualization

About the Exam Exam 70-740 focuses on the skills and knowledge necessary to implement and configure storage and compute features and functionality in Windows Server 2016. About Microsoft Certification Passing this exam earns you credit toward a Microsoft Certified Solutions Associate (MCSA) certification that demonstrates your mastery of core Windows Server 2016 skills for reducing IT costs and delivering more business value. Exam 70-741 (Networking with Windows Server 2016) and Exam 70-742 (Identity with Windows Server 2016) are also required for MCSA: Windows Server 2016 certification. See full details at: [microsoft.com/learning](https://microsoft.com/learning)

Discover the endless capabilities and end-to-end project management functionalities of Dynamics 365 Project Operations to drive your firm's project success and ensure rapid business growth in the competitive digital economic world

**Key Features** Deliver successful projects via improved collaboration, visibility, and teamwork using Microsoft Project Operations solutions Gain real-time data insights to modernize business strategies to increase market share Build the right project operations models to meet business needs with an optimized budget

**Book Description** Dynamics 365 Project Operations is a game-changing solution set for project-driven businesses that allows you to deliver commercially

successful projects in a timely and cost-effective manner, keeping the project teams productive and collaborative. With this book, you'll find out how you can bring more value to the business by winning new projects and driving exponential revenue growth. Starting with the key principles of Project Operations, you'll understand how it improves project planning and execution. You'll then learn how to successfully deploy Project Operations along with different integration strategies and get to grips with the best approach for sales through project opportunities, project contracts, and pricing workflow implementation. This book will guide you through setting up direct staffing and centralized staffing models and enable you to manage project changes confidently by getting hands-on with project timeline management, pricing management, resource assignments, and modifications. In the final chapters, you'll find out how to use Project Operations effectively for project accounting and finance. By the end of this book, you'll have gained the confidence to deliver profitable projects in a well-connected organization through efficient decision-making and successful customer-client relationships. What you will learn

- Configure key elements of Project Operations to drive improved collaboration with your customers
- Discover how Project Operations is interconnected with Microsoft 365 and Dynamics 365 Platform
- Understand the Project Opportunity-to-Quote-to-Contract workflow and its implications for selling
- Find out how to set up and utilize direct staffing and centralized staffing models
- Explore Project Timeline Management using Task, Board, and Timeline views
- Find out how information flows to finance and operations in Project Operations

Who this book is for This book is for project managers, project leads, business consultants, and business leaders who want to gain a competitive edge by delivering successful projects in a shorter time span with the help of effective operations and workflows across different teams within projects. Knowledge of Microsoft 365 and a sound understanding of business acumen and sales through the delivery process is necessary to get the most out of this book.

Become an expert at managing enterprise identity infrastructure by leveraging Active Directory Key Features

- Explore the new features in Active Directory Domain Service
- Manage your Active Directory services for Windows Server 2016 effectively
- Automate administrative tasks in Active Directory using PowerShell Core 6.x

Book Description Active Directory (AD) is a centralized and standardized system that automates networked management of user data, security, and distributed resources and enables inter-operation with other directories. This book will first help you brush up on the AD architecture and fundamentals, before guiding you through core components, such as sites, trust relationships, objects, and attributes. You will then explore AD schemas, LDAP, RMS, and security best practices to understand objects and components and how they can be used effectively. Next, the book will provide extensive coverage of AD Domain Services and Federation Services for Windows Server 2016, and help you explore their new features. Furthermore, you will learn to manage your identity infrastructure for a hybrid cloud setup. All this will help you design, plan, deploy,

manage operations, and troubleshoot your enterprise identity infrastructure in a secure and effective manner. You'll later discover Azure AD Module, and learn to automate administrative tasks using PowerShell cmdlets. All along, this updated second edition will cover content based on the latest version of Active Directory, PowerShell 5.1 and LDAP. By the end of this book, you'll be well versed with best practices and troubleshooting techniques for improving security and performance in identity infrastructures. What you will learn

- Design your Hybrid AD environment by evaluating business and technology requirements
- Protect sensitive data in a hybrid environment using Azure Information Protection
- Explore advanced functionalities of the schema
- Learn about Flexible Single Master Operation (FSMO) roles and their placement
- Install and migrate Active Directory from older versions to Active Directory 2016
- Control users, groups, and devices effectively
- Design your OU structure in the most effective way
- Integrate Azure AD with Active Directory Domain Services for a hybrid setup

Who this book is for If you are an Active Directory administrator, system administrator, or network professional who has basic knowledge of Active Directory and is looking to become an expert in this topic, this book is for you.

Microsoft has changed the technology so customers can now select, evaluate and implement Microsoft Dynamics 365 and other applications for their enterprise. This book will provide insights and relevant information around Dynamics 365 Apps, trial experience and implementation of Dynamics 365 for Finance and Operations Apps

This book provides administrators in public and non-profit organizations with direction and a framework from which to lead their organizations effectively. Taking a global approach to the issues administrators need to examine when managing a group of employees at any level (including budgeting and expenditures, forecasting, policy creation and execution, communication and reporting), this book explores the driving forces in organizational decision making. Author Nick Valcik takes a holistic view on organizational management, beginning with the core aspects of public organizations and the leadership competencies necessary to manage an organization successfully. Designed to be used on undergraduate and graduate courses in public administration and in public affairs programs, the book discusses the basics of organizational structure, delves into risk management issues, and offers a set of tools that can be used by administrators to make informed decisions based on actual data or documented processes. Throughout the book, real world case studies provide students and practitioners with a clear understanding of how exactly the right decision tool may be applied when facing a particular decision in any organization.

- This is the latest practice test to pass the Microsoft DP-201 Designing an Azure Data Solution Exam. - It contains 145 Questions and Answers. - All the questions are 100% valid and stable. - You can reply on this practice test to pass the exam with a good mark and in the first attempt.

Over 80 hands-on DevOps and ALM-focused recipes for Scrum Teams to enable the Continuous Delivery of high-quality Software... Faster! About This Book Release high quality, reliable software quickly through building, testing, and deployment automation Improve the predictability, reliability, and availability of TFS in your organization by scheduling administration and maintenance activities Extend, customize, and integrate tools with TFS, enabling your teams to manage their application lifecycles effectively Who This Book Is For This book is aimed at software professionals including Developers, Testers, Architects, Configuration Analysts, and Release Managers who want to understand the capabilities of TFS to deliver better quality software faster. A working setup of TFS 2015 and some familiarity with the concepts of software life cycle management is assumed. What You Will Learn Creating a Team Project with Dashboards, Assigning License, Adding users, and Auditing Access Setting up a Git repository in an existing TFVC-based Team Project Setting up branch policies and conducting Pull requests with code reviews Mapping, assigning and tracking work items shared by multiple teams Setting up and customizing Backlogs, Kanban board, Sprint Taskboard, and dashboards Creating a Continuous Integration, Continuous Build, and Release Pipeline Integrating SonarQube with TFSBuild to manage Technical Debt Triggering Selenium Web Tests on a Selenium Test Grid using TFSBuild Using Visual Studio Team Services Cloud load testing capability with new Build framework Extending and customizing the capabilities of Team Foundation Server using API and Process Editor In Detail Team Foundation Server (TFS) allows you to manage code repositories, build processes, test infrastructure, and deploy labs. TFS supports your team, enabling you to connect, collaborate, and deliver on time. Microsoft's approach to Application Lifecycle Management (ALM) provides a flexible and agile environment that adapts to the needs of your team, removes barriers between roles, and streamlines processes. The book introduces you to creating and setting up team projects for scrum teams. You'll explore various source control repositories, branching, and merging activities, along with a demonstration of how to embed quality into every code check-in. Then, you'll discover agile project planning and management tools. Later, emphasis is given to the testing and release management features of TFS which facilitate the automation of the release pipeline in order to create potentially shippable increments. By the end of the book, you'll have learned to extend and customize TFS plugins to incorporate them into other platforms and enable teams to manage the software lifecycle effectively. Style and approach This book is a recipe-based guide that uses a problem-solution format to call out inefficiencies in the software development lifecycle and then guides you, step-by-step, on how you can use Team Foundation Server to your advantage in those areas. Create interactive cross-platform reports and dashboards using SQL Server 2016 Reporting Services About This Book Get up to speed with the newly-introduced enhancements and the more advanced query and reporting features Easily access your important data by creating visually appealing dashboards in the Power BI practical recipe Create cross-browser and cross-platform reports using SQL Server 2016

Reporting Services Who This Book Is For This book is for software professionals who develop and implement reporting solutions using Microsoft SQL Server. It is especially relevant for professionals who are software engineers, software architects, DW/BI engineers, and DW/BI architects who perform simple to complex report authoring implementations. This book is also suitable for those who develop software solutions that integrate reporting solutions and are keen to learn about Microsoft SQL Server 2016's features and capabilities. What You Will Learn Key capabilities, architecture, and components of Reporting Services New features that have been added to Reporting Services Design the architecture for reporting solutions Design the architecture for BI solutions Implement reporting solutions using Reporting Services Improve the performance, availability, and scalability of the reporting solution Enhance reporting solutions with custom programming and improved security In Detail Microsoft SQL Server 2016 Reporting Services comes with many new features. It offers different types of reporting such as Production, Ad-hoc, Dashboard, Mash-up, and Analytical. SQL Server 2016 also has a surfeit of new features including Mobile Reporting, and Power BI integration. This book contains recipes that explore the new and advanced features added to SQL Server 2016. The first few chapters cover recipes on configuring components and how to explore these new features. You'll learn to build your own reporting solution with data tools and report builder, along with learning techniques to create visually appealing reports. This book also has recipes for enhanced mobile reporting solutions, accessing these solutions effectively, and delivering interactive business intelligence solutions. Towards the end of the book, you'll get to grips with running reporting services in SharePoint integrated mode and be able to administer, monitor, and secure your reporting solution. This book covers about the new offerings of Microsoft SQL Server 2016 Reporting Services in comprehensive detail and uses examples of real-world problem-solving business scenarios. Style and approach This comprehensive cookbook follows a problem-solution approach to help you overcome any obstacle when creating interactive, visually-appealing reports using SQL Server 2016 Reporting Services. Each recipe focuses on a specific task and is written in a clear, solution-focused style.

Prepare for Microsoft Exam 70-339—and help demonstrate your real-world mastery of planning, configuring, and managing Microsoft SharePoint 2016 core technologies in datacenters, in the cloud, and in hybrid environments. Designed for experienced IT pros ready to advance their status, this Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the MCSE level. Focus on the skills measured on the exam:

- Design SharePoint infrastructure
- Plan authentication and security
- Plan workload optimization
- Plan productivity solutions
- Manage search capabilities
- Plan and configure cloud services
- Monitor and optimize a SharePoint environment

This Microsoft Exam Ref:

- Organizes its coverage by the “Skills measured” posted on the exam webpage
- Features strategic, what-if scenarios to challenge you
- Provides exam preparation tips
- Points to in-depth material by topic for exam candidates needing additional review
- Assumes experience planning and maintaining SharePoint and related core technologies, including Windows Server 2012 R2 or later, Internet Information Services (IIS), Microsoft SQL Server 2014 or later, Active Directory, and networking infrastructure services

This books is open access under a CC BY 4.0 license. This book summarizes work being undertaken within the collaborative MODAClouds research project, which aims to facilitate interoperability between heterogeneous Cloud platforms and remove the constraints of deployment, portability, and reversibility for end users of Cloud services. Experts involved in the project provide a clear overview of the MODAClouds approach and explain how it operates in a variety of applications. While the wide spectrum of available Clouds constitutes a vibrant technical environment, many early-stage issues pose specific challenges from a software engineering perspective. MODAClouds will provide methods,

a decision support system, and an open source IDE and run-time environment for the high-level design, early prototyping, semiautomatic code generation, and automatic deployment of applications on multiple Clouds. It will free developers from the need to commit to a fixed Cloud technology stack during software design and offer benefits in terms of cost savings, portability of applications and data between Clouds, reversibility (moving applications and data from Cloud to non-Cloud environments), risk management, quality assurance, and flexibility in the development process.

This book is a step-by-step guide to building your own SharePoint farm in a home lab setting. Learn how to build a windows domain and then join servers into the domain in order to create your own testing and learning environment. After you get the domain stood up, where you go from there is up to you. This book will help you learn how to spin up SharePoint in a least privileged fashion. This isn't strictly a SharePoint book, though. For example, if you're not a SharePoint professional and are just looking to create a working windows domain for other purposes; the home-lab domain that you'll create will work great for Exam preparation for non-SharePoint purposes. You could even use it for learning how to install Exchange Server. After all, it's your Home Lab domain. In this book you will build your home-lab domain and you'll have a great place for learning how to administer SharePoint and develop SharePoint Apps. Here are just some of the tasks you'll complete in easy to follow exercises: Create a windows domain and a certificate authority, so that you can run SharePoint on SSL Join servers to the domain and configure other technology on the member servers as needed Install SQL Server, and correctly partition the server in accordance with best practices Install and configure a SharePoint farm Spin up Host Named Site Collections (HNSC's) Install and configure Visual Studio Who This Book Is For: This book is suitable for both developers and administrators. No technical knowledge is assumed beyond a general familiarity with computers and computing terminology. The resulting domain will be suitable for both IT and developer testing needs.

Deep dive into C# and .NET architecture to build efficient, powerful applications About This Book Uniquely structured content to help you understand what goes on under the hood of .NET's managed code platform to master .NET programming Deep dive into C# programming and how the code executes via the CLR Packed with hands-on practical examples, you'll understand how to write applications to make full use of the new features of .NET 4.6, .NET Core and C# 6/7 Who This Book Is For This book was written exclusively for .NET developers. If you've been creating C# applications for your clients, at work or at home, this book will help you develop the skills you need to create modern, powerful, and efficient applications in C#. No knowledge of C# 6/7 or .NET 4.6 is needed to follow along—all the latest features are included to help you start writing cross-platform applications immediately. You will need to be familiar with Visual Studio, though all the new features in Visual Studio 2015 will also be covered. What You Will Learn Understand C# core concepts in depth, from sorting algorithms to the Big O notation Get up to speed with the latest changes in C# 6/7 Interface SQL Server and NoSQL databases with .NET Learn SOLID principles and the most relevant GoF Patterns with practical examples in C# 6.0 Defend C# applications against attacks Use Roslyn, a self-hosted framework to compile and advanced edition in both C# and Visual basic .NET languages Discern LINQ and associated Lambda expressions, generics, and delegates Design a .NET application from the ground up Understand the internals of a .NET assembly Grasp some useful advanced features in optimization and parallelism In Detail Mastering C# and .NET Framework will take you in to the depths of C# 6.0/7.0 and .NET 4.6, so you can understand how the platform works when it runs your code, and how you can use this knowledge to write efficient applications. Take full advantage of the new revolution in .NET development, including open source status and cross-platform capability, and get to grips with the architectural changes of CoreCLR. Start with how the CLR executes code, and discover the niche and advanced aspects of C# programming – from delegates and generics, through to asynchronous programming. Run through new forms of type

declarations and assignments, source code callers, static using syntax, auto-property initializers, dictionary initializers, null conditional operators, and many others. Then unlock the true potential of the .NET platform. Learn how to write OWASP-compliant applications, how to properly implement design patterns in C#, and how to follow the general SOLID principles and its implementations in C# code. We finish by focusing on tips and tricks that you'll need to get the most from C# and .NET. This book also covers .NET Core 1.1 concepts as per the latest RTM release in the last chapter. Style and approach This book uses hands-on practical code examples that will take you into the depths of C# and .NET. Packed with hands-on practical examples, it is great as a tutorial, or as a reference guide.

Containers are a new way to run software. They're efficient, secure and portable. You can run apps in Docker with no code changes. Docker helps to meet the biggest challenges in IT: modernizing legacy apps, building new apps, moving to the cloud, adopting DevOps and staying innovative. This book teaches all you need to know about Docker on Windows.

Obtain enterprise agility and continuous delivery by implementing DevOps with Windows Server 2016 About This Book This practical learning guide will improve your application lifecycle management and help you manage environments efficiently Showcase through a sample application ways to apply DevOps principles and practices in the real world Implement DevOps using latest technologies in Windows Server 2016 such as Windows Container, Docker, and Nano Servers Who This Book Is For This book is for .NET developers and system administrators who have a basic knowledge of Windows Server 2016 and are now eager to implement DevOps at work using Windows Server 2016. Knowledge of Powershell, Azure, and containers will help. What You Will Learn Take a deep dive into the fundamentals, principles, and practices of DevOps Achieve an end-to-end DevOps implementation Execute source control management using GITHUB and VSTS vNext Automate the provisioning and configuration of infrastructure Build and release pipeline Measure the success of DevOps through application instrumentation and monitoring In Detail Delivering applications swiftly is one of the major challenges faced in fast-paced business environments. Windows Server 2016 DevOps is the solution to these challenges as it helps organizations to respond faster in order to handle the competitive pressures by replacing error-prone manual tasks using automation. This book is a practical description and implementation of DevOps principles and practices using the features provided by Windows Server 2016 and VSTS vNext. It jumps straight into explaining the relevant tools and technologies needed to implement DevOps principles and practices. It implements all major DevOps practices and principles and takes readers through it from envisioning a project up to operations and further. It uses the latest and upcoming concepts and technologies from Microsoft and open source such as Docker, Windows Container, Nano Server, DSC, Pester, and VSTS vNext. By the end of this book, you will be well aware of the DevOps principles and practices and will have implemented all these principles practically for a sample application using the latest technologies on the Microsoft platform. You will be ready to start implementing DevOps within your project/engagement. Style and approach This practical, learning book is linear and progressive, and every chapters builds on the previous chapters. We focus on the practical skills required to implement DevOps, with a summary of the key concepts only where strictly necessary. Learn how to install, configure, and maintain the latest release of Microsoft's popular SharePoint Server, SharePoint 2016. This latest version brings with it many changes for IT professionals. With this book you will learn how to create an efficient and stable SharePoint environment for your organization. What You'll Learn Install SharePoint Server 2016, both using the user interface provided by Microsoft, and by using PowerShell Understand your authentication options and associated security considerations Deploy add-ins, either from the store, or from your own custom app catalog Configure Search Service Application using either the provided UI or PowerShell Configure business intelligence components such as Excel Services, SQL Server Reporting Services, and PowerPivot Migrate to SharePoint Server 2016 from either

SharePoint Server 2010 or 2013 Understand approaches to high availability, disaster recovery, patching, and ways to monitor and maintain your SharePoint 2016 deployment once it's up and running Who This Book Is For Anyone tasked with installing, configuring, and maintaining SharePoint Server 2016 in their organization. This book assumes some working knowledge of a previous release of SharePoint Server, such as SharePoint 2010 or SharePoint 2013

The in-depth, authoritative reference for intermediate to advanced IT professionals. Solutions, workarounds, tips and insights for IT pros working with Windows Server 2016. This exhaustive and comprehensive work provides a deep dive into the operating system that will teach you how to squeeze every last bit of power and make the most of the features and programs available. Inside this superbly organized guide, packed with expert advice, you'll find hundreds of timesaving solutions for installing, configuring, managing, and maintaining Windows Server 2016. Topics covered in this book include: Planning server deployments Building enterprise solutions Designing for high availability Deploying Full-Server and Server Core Deploying Nano Server and Windows Containers Managing Boot Configuration Data Hacking the Registry Configuring roles and features Managing server binaries Selecting hardware components Managing and troubleshooting hardware Performing diagnostics and troubleshooting Configuring event forwarding Tracking server health and performance Optimizing server performance And much, much more!! This book, *Installing & Configuring Windows Server 2016*, is designed to be used with other volumes in the Tech Artisans Library, which together provide a definitive resource for all of the core features and enhancements in Windows Server 2016. Windows Server expert William Stanek doesn't just show you the steps you need to follow, he tells you how features work, why you would want to configure them, and how you can optimize them to meet your needs. Windows Server 2016 is Microsoft's most powerful, versatile and fully featured operating system yet. Get this book and the others in the Tech Artisans Library to conquer it from the inside out. Harness the power of Hyper-V 2016 to build high-performance infrastructures that suit your needs About This Book Design and build a reliable and efficient Hyper-V infrastructure. Fine-tune your Hyper-V performance by adopting network and storage best practices. Manage, monitor, and protect your workloads with System Center and Microsoft Azure. Who This Book Is For If you are working with Hyper-V and want to optimize its performance and effectiveness, this book is for you. This book will help you close the gap between the Hyper-V lab and production environments. What You Will Learn Automate and accelerate the deployment of Hyper-V host and nano servers Create high availability solutions using failover clustering Design redundant solutions with Hyper-V Replica Protect your workloads by making a backup or learning disaster recovery Use the best practices of network and storage Master the performance and scalability of storage virtualization Migrate your existing virtualization workloads to Hyper-V2016 Manage your Hyper-V stack with System Center and Azure Bridge the gap between the Hyper-V lab and production environment In Detail Hyper-V Server and Windows Server 2016 with Hyper-V provide best-in-class virtualization capabilities. Hyper-V is a Windows-based, very cost-effective virtualization solution with easy-to-use and well-known administrative consoles. This book will assist you in designing, implementing, and managing highly effective and highly available Hyper-V infrastructures. With an example-oriented approach, this book covers all the different tips and suggestions to configure Hyper-V and provides readers with real-world proven solutions. This book begins by deploying single clusters of High Availability Hyper-V systems including the new Nano Server. This is followed by steps to configure the Hyper-V infrastructure components such as storage and network. It also touches on necessary processes such as backup and disaster recovery for optimal configuration. The book does not only show you what to do and how to plan the different scenarios, but it also provides in-depth configuration options. These scalable and automated configurations are then optimized via performance tuning and central management ensuring your applications are always the best they can be. Style and approach

This book covers Hyper-V best practices in a step-by-step manner with clear and concise examples.

Advancements in the digital world are bringing about rapid waves of change in organizational management. As such, it is increasingly imperative to discover ways for businesses to adapt to changes in the markets and seize various digital market opportunities. *Driving Innovation and Business Success in the Digital Economy* is an essential reference source for the latest research on the impact of digital computing and emerging technological innovations in the realm of business success. Featuring extensive coverage across a range of relevant perspectives and topics, such as IT outsourcing, sustainable development and online advertising, this publication is ideally designed for researchers, professionals and students seeking current research on the complex scope of the new economy.

Build agile and responsive business intelligence solutions Create a semantic model and analyze data using the tabular model in SQL Server 2016 Analysis Services to create corporate-level business intelligence (BI) solutions. Led by two BI experts, you will learn how to build, deploy, and query a tabular model by following detailed examples and best practices. This hands-on book shows you how to use the tabular model's in-memory database to perform rapid analytics—whether you are new to Analysis Services or already familiar with its multidimensional model. Discover how to:

- Determine when a tabular or multidimensional model is right for your project
- Build a tabular model using SQL Server Data Tools in Microsoft Visual Studio 2015
- Integrate data from multiple sources into a single, coherent view of company information
- Choose a data-modeling technique that meets your organization's performance and usability requirements
- Implement security by establishing administrative and data user roles
- Define and implement partitioning strategies to reduce processing time
- Use Tabular Model Scripting Language (TMSL) to execute and automate administrative tasks
- Optimize your data model to reduce the memory footprint for VertiPaq
- Choose between in-memory (VertiPaq) and pass-through (DirectQuery) engines for tabular models
- Select the proper hardware and virtualization configurations
- Deploy and manipulate tabular models from C# and PowerShell using AMO and TOM libraries

Get code samples, including complete apps, at: <https://aka.ms/tabular/downloads> About This Book • For BI professionals who are new to SQL Server 2016 Analysis Services or already familiar with previous versions of the product, and who want the best reference for creating and maintaining tabular models. • Assumes basic familiarity with database design and business analytics concepts.

All scheduling software is difficult to learn for a number of reasons. None have the optimal settings when installed and templates, views and default options need to be adjusted to obtain the best possible performance. Usually the Help files do not connect the user to real life situations and do not explain the practical use of functions. Furthermore, there are many flicks and switches with obscure names that are difficult to understand or decide what they do or which are important. These issues make learning the software very difficult without a comprehensive guide written by an experienced user. Investing in a book written by Paul E Harris will address all these issues and allow you to setup the software properly and understand all the obscure functions letting you become productive more quickly and enhance your career opportunities and salary with a solid understanding of the software. This book is aimed at showing project management professionals how to use the software in a project environment. It designed for users of earlier versions to upgrade their skills and for new planners to learn how to use the software. It starts with the basics required to create a schedule, then setting a baseline and updating a schedule. It then covers resource planning and some of the more advanced features. Microsoft® Project 365 is a subscription version of Microsoft Project 2019 Professional and therefore this book covers versions 2013, 2016 and 2019. This book is similar to other books written by the author but has been tailored for Microsoft Project 365.. This publication was written so it may be used as:

- A training manual, or
- A self teach book, or
- A user guide.

The book stays focused on the information required to create and update a schedule with or without resources using Microsoft®

Project 2013, 2016, 2019 and 365 by: · Concentrating on the core functions required to plan and control a project. · Keeping the information relevant to each topic in the appropriate chapter. · Providing a quick reference at the start of each chapter listing the chapter topics. · Providing a comprehensive index of all topics. The book is aimed at: · Project managers and schedulers who wish learn the software, however are unable to attend a training course, or require a reference book. · Project management companies in industries such as building, construction, oil and gas, software development, government and defence who wish to run their own software training courses or provide their employees a good practical guide to using the software. · Training organizations who require a training manual to run their own courses. This book is written by an experienced scheduler, who has used the software at the sharp end of projects and is not a techo. It draws on the author's practical experience in using the software in a wide variety of industries. It presents workable solutions to real day to day planning and scheduling problems and contains practical advice on how to set up the software and import data.

Become a proficient Microsoft Azure solutions architect Azure certifications are critical to the millions of IT professionals Microsoft has certified as MCSE and MCSA in Windows Server in the last 20 years. All of these professionals need to certify in key Azure exams to stay current and advance in their careers. Exams AZ-303 and AZ-304 are the key solutions architect exams that experienced Windows professionals will find most useful at the intermediate and advanced points of their careers. Microsoft Azure Architect Technologies and Design Complete Study Guide Exams AZ-303 and AZ-304 covers the two critical Microsoft Azure exams that intermediate and advanced Microsoft IT professionals will need to show proficiency as their organizations move to the Azure cloud. • Understand Azure • Set up your Microsoft Cloud network • Solve real-world problems • Get the confidence to pass the exam By learning all of these things plus using the Study Guide review questions and practice exams, the reader will be ready to take the exam and perform the job with confidence.

What are the file formats of the existing data? How much time do users spend during a typical workday looking for information? What is the client access server role? Why does Microsoft use different licensing models? Are there any policies around information stored in SharePoint? Defining, designing, creating, and implementing a process to solve a challenge or meet an objective is the most valuable role... In EVERY group, company, organization and department. Unless you are talking a one-time, single-use project, there should be a process. Whether that process is managed and implemented by humans, AI, or a combination of the two, it needs to be designed by someone with a complex enough perspective to ask the right questions. Someone capable of asking the right questions and step back and say, 'What are we really trying to accomplish here? And is there a different way to look at it?' This Self-Assessment empowers people to do just that - whether their title is entrepreneur, manager, consultant, (Vice-)President, CxO etc... - they are the people who rule the future. They are the person who asks the right questions to make Microsoft SharePoint 2016 investments work better. This Microsoft SharePoint 2016 All-Inclusive Self-Assessment enables You to be that person. All the tools you need to an in-depth Microsoft SharePoint 2016 Self-Assessment. Featuring 2208 new and updated case-based questions, organized into seven core areas of process design, this Self-Assessment will help you identify areas in which Microsoft SharePoint 2016 improvements can be made. In using the questions you will be better able to: - diagnose Microsoft SharePoint 2016 projects, initiatives, organizations, businesses and processes using accepted diagnostic standards and practices - implement evidence-based best practice strategies aligned with overall goals - integrate recent advances in Microsoft SharePoint 2016 and process design strategies into practice according to best practice guidelines Using a Self-Assessment tool known as the Microsoft SharePoint 2016 Scorecard, you will develop a clear picture of which Microsoft SharePoint 2016 areas need attention. Your purchase includes access details to the Microsoft SharePoint 2016 self-assessment dashboard download which gives you your dynamically prioritized projects-ready

tool and shows your organization exactly what to do next. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation - In-depth and specific Microsoft SharePoint 2016 Checklists - Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.

Optimize reporting and BI with Microsoft SQL Server 2016 Professional Microsoft SQL Server 2016 Reporting Services and Mobile Reports provides a comprehensive lesson in business intelligence (BI), operational reporting and Reporting Services architecture using a clear, concise tutorial approach. You'll learn effective report solution design based upon many years of experience with successful report solutions. Improve your own reports with advanced, best-practice design, usability, query design, and filtering techniques. Expert guidance provides insight into common report types and explains where each could be made more efficient, while providing step-by step instruction on Microsoft SQL Server 2016. All changes to the 2016 release are covered in detail, including improvements to the Visual Studio Report Designer (SQL Server Data Tools) and Report Builder, Mobile Dashboard Designer, the new Report Portal Interface, HTML-5 Rendering, Power BI integration, Custom Parameters Pane, and more. The Microsoft SQL Server 2016 release will include significant changes. New functionality, new capabilities, re-tooled processes, and changing support require a considerable update to existing knowledge. Whether you're starting from scratch or simply upgrading, this book is an essential guide to report design and business intelligence solutions. Understand BI fundamentals and Reporting Services architecture Learn the ingredients to a successful report design Get up to speed on Microsoft SQL Server 2016 Grasp the purpose behind common designs to optimize your reporting Microsoft SQL Server Reporting Services makes reporting faster, easier, and more powerful than ever in web, desktop and portal solutions. Compatibility with an extensive variety of data sources makes it a go-to solution for organizations across the globe. The 2016 release brings some of the biggest changes in years, and the full depth and breadth of these changes can create a serious snag in your workflow. For a clear tutorial geared toward the working professional, Professional Microsoft SQL Server 2016 Reporting Services and Mobile Reports is the ideal guide for getting up to speed and producing successful reports.

Offering a wealth of hands-on activities, MCSA Guide to Configuring Advanced Microsoft Windows Server 2012 /R2 Services, Exam 70-412 empowers students to successfully pass the MCSE/MCSA certification exam while preparing them to face the real-world challenges of a Microsoft networking professional. This engaging text equips readers with the skills necessary to configure advanced services and features in Windows Server 2012/R2. Comprehensive coverage includes advanced Active Directory configuration, advanced network services configuration, Dynamic Access Control (DAC) and IP Address Management (IPAM), server high availability and disaster recovery, and identity and access solutions, among other topics In addition, hands-on labs and skill-reinforcing case projects give students plenty of opportunity to put what they learn into real-world practice. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

A complete handbook on Microsoft Identity Manager 2016 – from design considerations to operational best practices About This

Book Get to grips with the basics of identity management and get acquainted with the MIM components and functionalities Discover the newly-introduced product features and how they can help your organization A step-by-step guide to enhance your foundational skills in using Microsoft Identity Manager from those who have taught and supported large and small enterprise customers Who This Book Is For If you are an architect or a developer who wants to deploy, manage, and operate Microsoft Identity Manager 2016, then this book is for you. This book will also help the technical decision makers who want to improve their knowledge of Microsoft Identity Manager 2016. A basic understanding of Microsoft-based infrastructure using Active Directory is expected. Identity management beginners and experts alike will be able to apply the examples and scenarios to solve real-world customer problems. What You Will Learn Install MIM components Find out about the MIM synchronization, its configuration settings, and advantages Get to grips with the MIM service capabilities and develop custom activities Use the MIM Portal to provision and manage an account Mitigate access escalation and lateral movement risks using privileged access management Configure client certificate management and its detailed permission model Troubleshoot MIM components by enabling logging and reviewing logs Back up and restore the MIM 2015 configuration Discover more about periodic purging and the coding best practices In Detail Microsoft Identity Manager 2016 is Microsoft's solution to identity management. When fully installed, the product utilizes SQL, SharePoint, IIS, web services, the .NET Framework, and SCSM to name a few, allowing it to be customized to meet nearly every business requirement. The book is divided into 15 chapters and begins with an overview of the product, what it does, and what it does not do. To better understand the concepts in MIM, we introduce a fictitious company and their problems and goals, then build an identity solutions to fit those goals. Over the course of this book, we cover topics such as MIM installation and configuration, user and group management options, self-service solutions, role-based access control, reducing security threats, and finally operational troubleshooting and best practices. By the end of this book, you will have gained the necessary skills to deploy, manage and operate Microsoft Identity Manager 2016 to meet your business requirements and solve real-world customer problems. Style and approach The concepts in the book are explained and illustrated with the help of screenshots as much as possible. We strive for readability and provide you with step-by-step instructions on the installation, configuration, and operation of the product. Throughout the book, you will be provided on-the-field knowledge that you won't get from whitepapers and help files. All scheduling software is difficult to learn for a number of reasons. None have the optimal settings when installed and templates, views and default options need to be adjusted to obtain the best possible performance. Usually the Help files do not connect the user to real life situations and do not explain the practical use of functions. Furthermore, there are many flicks and switches with obscure names that are difficult to understand or decide what they do or which are important. These issues make learning the software very difficult without a comprehensive guide written by an experienced user. Investing in a book written by Paul E Harris will address all these issues and allow you to setup the software properly and understand all the obscure functions letting you become productive more quickly and enhance your career opportunities and salary with a solid understanding of the software. Microsoft® Project 2019 is a minor update of Microsoft® Project 2016 and therefore this book covers versions 2013, 2016 and

2019. This book is aimed at showing project management professionals how to use the software in a project environment. This book is an update of the author's last book "Planning and Scheduling using Microsoft® Project 2013 and 2016. It has revised workshops and includes the new functions of Microsoft Project 2016. This publication was written so it may be used as: · A training manual, or · A self teach book, or · A user guide. The book stays focused on the information required to create and update a schedule with or without resources using Microsoft® Project 2013, 2016 and 2019 by: · Concentrating on the core functions required to plan and control a project. · Keeping the information relevant to each topic in the appropriate chapter. · Providing a quick reference at the start of each chapter listing the chapter topics. · Providing a comprehensive index of all topics. The book is aimed at: · Project managers and schedulers who wish learn the software, however are unable to attend a training course, or require a reference book. · Project management companies in industries such as building, construction, oil & gas, software development, government and defence who wish to run their own software training courses or provide their employees a good practical guide to using the software. · Training organizations who require a training manual to run their own courses. This book is written by an experienced scheduler, who has used the software at the sharp end of projects and is not a techo. It draws on the author's practical experience in using the software in a wide variety of industries. It presents workable solutions to real day to day planning and scheduling problems and contains practical advice on how to set up the software and import data.

The 5th Edition of Jack Marchewka's Information Technology Project Management focuses on how to create measurable organizational value (MOV) through IT projects. The author uses the concept of MOV, combined with his own research, to create a solid foundation for making decisions throughout the project's lifecycle. The book's integration of project management and IT concepts provides students with the tools and techniques they need to develop in this field.

This book will help you get started with agile project management using Microsoft's latest releases of its market-leading Team Foundation Server (TFS) 2015, and Visual Studio Team Services (VSTS). The book demonstrates agile concepts and how to implement them using TFS/VSTS. Many organizations are using agile practices today. Agility has become a key enabler for running better projects with more successful end results and high quality output. At the same time, adoption of TFS/VSTS has increased dramatically, from being just a new version control system in the very beginning to becoming the fully-featured market leader it is today. In order to benefit the most from agile practices you need an Application Lifecycle Management (ALM) toolset that supports your way of working. With TFS/VSTS, Microsoft has provided a powerful tool that is very customizable. This book shows you how you can use TFS/VSTS to implement many agile practices and how they fit into a well-thought-out ALM implementation. The book also shows how an agile product owner can work with TFS/VSTS to setup an agile project from scratch and how to continue using TFS/VSTS throughout the whole project to track progress, create and refine the backlog, and work with Kanban and Scrum Task boards. Keeping track of progress is important in any project. TFS/VSO includes many tools which will help you to track key metrics in an agile project. Many useful reports are available out of the box, and the TFS extensibility offers several ways to further customize reporting to fit your needs. What You Will Learn: Agile Concepts and Processes How TFS/VSO

supports agile processes end to end How you can customize TFS/VSO to better support your processes How to set up an agile project from scratch and manage it over its lifecycle

Handbook of Digital Finance and Financial Inclusion: Cryptocurrency, FinTech, InsurTech, Regulation, ChinaTech, Mobile Security, and Distributed Ledger explores recent advances in digital banking and cryptocurrency, emphasizing mobile technology and evolving uses of cryptocurrencies as financial assets. Contributors go beyond summaries of standard models to describe new banking business models that will be sustainable and likely to dictate the future of finance. The book not only emphasizes the financial opportunities made possible by digital banking, such as financial inclusion and impact investing, but also looks at engineering theories and developments that encourage innovation. Its ability to illuminate present potential and future possibilities make it a unique contribution to the literature. A companion Volume Two of The Handbook of Digital Banking and Financial Inclusion: ChinaTech, Mobile Security, Distributed Ledger, and Blockchain emphasizes technological developments that introduce the future of finance. Descriptions of recent innovations lay the foundations for explorations of feasible solutions for banks and startups to grow. The combination of studies on blockchain technologies and applications, regional financial inclusion movements, advances in Chinese finance, and security issues delivers a grand perspective on both changing industries and lifestyles. Written for students and practitioners, it helps lead the way to future possibilities. Explains the practical consequences of both technologies and economics to readers who want to learn about subjects related to their specialties Encompasses alternative finance, financial inclusion, impact investing, decentralized consensus ledger and applied cryptography Provides the only advanced methodical summary of these subjects available today

Exam Ref 70-339 Managing Microsoft SharePoint Server 2016 Microsoft Press

Get up to date quickly with clear, expert coverage of SCCM 2016 Mastering System Center Configuration Manager provides comprehensive coverage of Microsoft's powerful network software deployment tool, with a practical hands-on approach. Written by Santos Martinez, Peter Daalmans, and Brett Bennett, this guide walks you through SCCM 2016 with in-depth explanations anchored in real-world applications to get you up to speed quickly. Whether you're planning a new installation or migrating from a previous version of Configuration Manager, this book provides clear instruction and expert insight to get the job done right. Fully aligned with the latest release, the discussion covers the newest tools and features with examples that illustrate utility in a variety of contexts. System Center Configuration Manager (formerly SMS) is one of Microsoft's flagship products; the 2016 release has been updated with better Windows 10 and Windows Server 2016 compatibility, improved tools for managing non-Microsoft mobile devices in the cloud, and more. This book provides start-to-finish coverage and expert guidance on everything you need to get your system up to date. Deploy software and operating systems Automate processes and customize configurations Monitor performance and troubleshoot issues Manage security in the cloud and on Virtual Machines SCCM 2016 improves your ability to handle the bring-your-own-device influx in managing mobile, streamlining the latest hiccup right into the everyday workflow. Mastering System Center Configuration Manager provides the practical coverage you need to get up and running seamlessly.

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