Deploying Voice Workloads For Skype For Business Online

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Microsoft Azure Administrator Exam Prep (AZ-104)- Lalit Rawat 2021-01-02 Step-by-step exam guide to learn Microsoft Azure Administration with hands-on labs. KEY FEATURES Well-organized and detailed coverage for passing the Azure Administrator Exam. Gain proficiency in analyzing resource utilization and consumption. Explore how to manage resource groups and establish storage accounts. Expert-led designed and scenario-focused questions and answers. DESCRIPTION The Azure administrator is a new way to learn and develop the Microsoft Azure skills, and it helps you to grow your career in the cloud era. In this book, you will learn about the basic and advance concepts of the Azure administration. You will also learn how to use the Azure active directory user management and how to sync your on-premises active directory with the Azure directory. This book also explains concepts like the Azure Virtual machine, Azure storage account, and Azure networking with an exam-based scenario. At the end the book explains Azure monitor, Azure networking, on-premises to Azure connectivity using the site-to-site connection or through EXPRESS ROUTE along with the Disaster and Backup recovery option. This book covers a full chapter of Exam Preparation Guidelines and scenarios-based questions that will help readers in their exam

preparations. WHAT YOU WILL LEARN Efficient use of Azure components with conceptual-based learning on Azure services. Step-by-step implementation of routine Azure administration tasks. Exciting examples and illustrations on using Azure active directory and other utilities. Smart coverage on Azure virtual machine, Azure storage account, and Azure networking. WHO THIS BOOK IS FOR This book is for all system administration roles or anyone seeking to successfully pass the Azure Administration certification exam and become a true professional Azure Administrator. To make the best of this book, we expect you to be familiar with PowerShell and CLI. TABLE OF CONTENTS 1.Implement and manage the hybrid identities 2.Managing Role assignment through the RBAC Policy 3.Azure Subscription and Resources Group Management 4.Managing and Configuration of the Storage Accounts 5.Manage data in the Azure Storage 6.Configure the Azure File 7.Create and configure a VM 8.Automate the deployment of the VMs 9.Create and configure the containers 10.Create and configure the Web Apps 11.Configure the Virtual Networking and Integrate an on-premises to the Azure Network 12.Configure the load balancing 14.Secure access to the virtual networks 15.Monitor and troubleshoot virtual networking 16.Analyze resource utilization and consumption

17.Implement backup and recovery 18.Exam Guidelines and Assessment

Understanding Microsoft Teams Administration - Balu N Ilag 2020-08-31
Explore solutions, best practices, tips, and workarounds to plan, design, customize, implement, and manage Microsoft Teams in any environment. The book starts with an overview of Microsoft Teams where you will go through the teams architecture, teams/channels, audio/video meetings, and the phone system. It further dives into deployment and management of teams, clients, guests and external access, and live events, followed by network assessment and bandwidth planning for Teams. Here, you will learn about deployment of quality of service and how to configure your phone systems using direct routing and calling plans. Moving forward, you will learn Microsoft Teams administration and policy management along with the migration process of Skype for Business on-prem to Microsoft Teams. Towards the end, you will learn troubleshooting techniques in Teams for call quality issues and connectivity challenges. After reading Understanding Microsoft Teams Administration, you will be able to effectively configure, customize, and manage the Teams experience using the Teams admin portal and other tools and techniques. What You Will Learn Understand the Microsoft Teams architecture including the different components involved Enable and manage external and guest access for Teams users Manage Teams and channels with a private channel Implement quality of service for audio/video calls and meetings Establish Office 365 data classifications, loss prevention plans, and governance Manage resource types, licensing, service health reporting, and support Work with Microsoft Teams room and live event management Implement and manage messaging, calling policies, and settings Who This Book Is For Administrators and technical consultants working on Teams.

Mastering Microsoft Teams - Melissa Hubbard 2018-08-20
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.

Advanced Techniques in Computing Sciences and Software Engineering Khaled Elleithy 2010-03-10
Advanced Techniques in Computing Sciences and Software Engineering includes a set of rigorously reviewed world-class manuscripts addressing and detailing state-of-the-art research projects in the areas of Computer Science, Software Engineering, Computer Engineering, and Systems Engineering and Sciences. Advanced Techniques in Computing Sciences and Software Engineering includes selected papers form the conference proceedings of the International Conference on Systems, Computing Sciences and Software Engineering (SCSS 2008) which was part of the International Joint Conferences on Computer, Information and Systems Sciences and Engineering (CISSE 2008).

Distance Education for Teacher Training - Hilary Perraton 2002-03-11

First published in 2002. Routledge is an imprint of Taylor & Francis, an informa company.

Skype for Business Unleashed - Alex Lewis 2016-09-15
Skype for Business Unleashed This is the most comprehensive, realistic, and useful guide to Skype for Business Server 2015, Microsoft's most powerful unified communications system. Four leading Microsoft unified communications consultants share in-the-trenches guidance for planning, integration, migration, deployment, administration, and more. The authors thoroughly introduce Skype for Business 2015's components and capabilities, as well as changes and improvements associated with the integration of popular Skype consumer technologies. You'll find detailed coverage of IP voice, instant messaging, conferencing, and collaboration; and expert guidance on server roles, multi-platform clients, security, and troubleshooting. Reflecting their unsurpassed experience, the authors illuminate Microsoft's new cloud-based and hybrid cloud architectures for unified communications, showing how these impact networking, security, and Active Directory. They cover SDN for unified communications; interoperation with consumer Skype and legacy video conferencing; quality optimization, mobile improvements, and much more. Throughout, the authors combine theory, step-by-step configuration instructions, and best practices from real enterprise environments. Simply put, you'll learn what works–and how it's done. Detailed Information on How To · Plan deployments, from simple to highly complex · Deploy Skype for Business Server 2015 as a cloud or cloud-hybrid solution · Walk step by step through installation or an in-place upgrade · Overcome "gotchas" in migrating from Lync Server 2010 or 2013 · Leverage new features available only in cloud or cloud-hybrid environments · Implement and manage Mac, mobile, Windows, browser, and virtualized clients · Establish server roles, including front end, edge, and mediation server · Make the most of Skype for Business Server 2015's enhanced mobile experience · Manage external dependencies: network requirements, dependent services, and security infrastructure · Efficiently administer Skype for Business Server 2015 · Provide for high availability and disaster recovery · Integrate voice, telephony, and video, step by step · Avoid common mistakes, and discover expert solutions and workarounds Category: Business Applications Covers: Skype for Business User Level: Intermediate—Advanced

Exam Ref 70-342 Advanced Solutions of Microsoft Exchange Server 2013 - Brian Reid 2015
Prepare for Microsoft Exam 70-342--and demonstrate your real-world mastery of advanced Microsoft Exchange Server 2013 solution design, configuration, implementation, management, and support. Designed for experienced IT professionals ready to advance,Exam Ref focuses on critical-thinking and decision-making acumen needed for success at the MCSE level. Focus on the expertise measured by these objectives: Configure, manage, and migrate Unified Messaging Design, configure, and manage site resiliency Design, configure, and manage advanced security Configure and manage compliance, archiving, and discovery solutions Implement and manage coexistence, hybrid scenarios, migration, and federation This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Provides exam preparation tips written by two Exchange Server MVPs Assumes you have at least three years of experience managing Exchange Servers and have responsibilities for an enterprise Exchange messaging environment About the Exam Exam 70-342 is one of two exams focused on Microsoft Exchange Server 2013 skills and knowledge for moving to the cloud, increasing user productivity and flexibility, reducing data loss, and improving data security. About Microsoft Certification Passing this exam earns you credit toward a Microsoft Certified Solutions Expert (MCSE) certification that proves your ability to build innovative solutions across multiple technologies, both on-premises and in the cloud. Exam 70-341 and Exam 70-342 are required for MCSE: Messaging Solutions Expert certification. See full details at: microsoft.com/learning

Mastering Windows Security and Hardening - Mark Dunkerley 2020-07-08
Enhance Windows security and protect your systems and servers from various cyber attacks

Key Features Protect your device using a zero-trust approach and advanced security techniques Implement efficient security measures using Microsoft Intune, Configuration Manager, and Azure solutions Understand how to create cyber-threat defense solutions effectively Book Description Are you looking for effective ways to protect Windows-based systems from being compromised by unauthorized users? Mastering Windows Security and Hardening is a detailed guide that helps you gain expertise when implementing efficient security measures and creating robust defense solutions. We will begin with an introduction to Windows security fundamentals, baselining, and the importance of building a baseline for an organization. As you advance, you will learn how to effectively secure and harden your Windows-based system, protect identities, and even manage access. In the concluding chapters, the book will take you through testing, monitoring, and security operations. In addition to this, you'll be equipped with the tools you need to ensure compliance and continuous monitoring through security operations. By the end of this book, you'll have developed a full understanding of the processes and tools involved in securing and hardening your Windows environment. What you will learn Understand baselining and learn the best practices for building a baseline Get to grips with identity management and access management on Windows-based systems Delve into the device administration and remote management of Windows-based systems Explore security tips to harden your Windows server and keep clients secure Audit, assess, and test to ensure controls are successfully applied and enforced Monitor and report activities to stay on top of vulnerabilities Who this book is for This book is for system administrators, cybersecurity and technology professionals, solutions architects, or anyone interested in learning how to secure their Windows-based systems. A basic understanding of Windows security concepts, Intune, Configuration Manager, Windows PowerShell, and Microsoft Azure will help you get the best out of this book.

Computer Networking: A Top-Down Approach Featuring the Internet, 3/e - James F. Kurose 2005

Microsoft 365 Business for Admins For Dummies - Jennifer Reed 2019-02-20 Learn streamlined management and maintenance capabilities for Microsoft 365 Business If you want to make it easy for your teams to work together using the latest productivity solutions with built-in security—while saving thousands of dollars in implementing the solution—you've picked the right book. Inside, you'll gain an understanding of Microsoft 365 Business, a complete integrated solution for business productivity and security powered by Office 365 and Windows 10. You'll also learn how this cloud-based solution can help grow your business while protecting company data from potential threats using the same security management tools large enterprises use. Microsoft 365 Business For Admins For Dummies provides business owners, IT teams, and even end users an understanding of the capabilities of Microsoft 365 Business: an integrated platform and security solution built with the latest features to enable today's modern workforce and empower businesses to achieve their goals. De-mystifies the complexities of the bundled solution to help you avoid common deployment pitfalls Includes the latest information about the services included in Microsoft 365 Business Enhance team collaboration with intelligent tools Manage company-owned or bring your own device (BYOD) devices from one portal Step through a guided tour for running a successful deployment Get the guidance you need to deploy Microsoft 365 Business and start driving productivity in your organization while taking advantage of the built-in security features in the solution to grow and protect your business today.

Expert Microsoft Teams Solutions - Aaron Guilmette 2022-04-29 Written by Microsoft engineers, Expert Microsoft Teams Solutions covers in-depth topics in Teams that are not covered elsewhere and explores tasks that customers frequently rely on Microsoft Partners to accomplish Key Features Extend the MS Teams experience with this practical guide from Microsoft's technical specialists Discover advanced Teams capabilities such as voice, governance, and Power Platform integration Get to grips with planning resources for voice integration in Teams Book Description

Microsoft Teams is designed to improve collaboration and integrate components of SharePoint, Exchange, Power Platform, and voice calling into a single platform. Complete with step-by-step explanations of concepts, practical examples, and architecture guidance, you'll learn how to plan and deploy Teams for your organization. As you progress, you'll explore and understand the Teams platform as a whole, from architecture and collaboration through to apps and voice, with the help of examples. The book approaches Teams not only from an end-user perspective but also from an administrator's point of view. You'll be able to understand the challenges around modernization in your organization relating to adopting, implementing, and administering Teams and tackle them effectively. By helping you realize the potential of Teams as a platform, this book will enable you to set up and deploy Teams solutions, leading to modernization in your organization's chat and voice infrastructure. By the end of this book, you'll be able to design and implement the most important and exciting aspects of Microsoft Teams. What you will learn Gain a clear understanding of Microsoft Teams architecture and deployment concepts Become well-versed with advanced Teams voice capabilities Explore best practices to extend the Teams experience to various apps through collaboration Focus on how to conduct effective meetings, including ad hoc, scheduled, channel, and live events Integrate Power Apps and Power Automate with Microsoft Teams Understand key governance and security concepts in administering Microsoft Teams Who this book is for The book is for intermediate-level and experienced Microsoft Teams IT professionals as well as for administrator roles. Intermediate-level knowledge of the Microsoft Teams platform is assumed.

The Essential Guide to Telecommunications - Annabel Z. Dodd 2019-03-19 "Annabel Dodd has cogently untangled the wires and switches and technobabble of the telecommunications revolution and explained how the introduction of the word 'digital' into our legislative and regulatory lexicon will affect consumers, companies and society into the next millennium." – United States Senator Edward J. Markey of Massachusetts; Member, U.S. Senate Subcommittee on Communications, Technology, Innovation, and the Internet "Annabel Dodd has a unique knack for explaining complex technologies in understandable ways. This latest revision of her book covers the rapid changes in the fields of broadband, cellular, and streaming technologies; newly developing 5G networks; and the constant changes happening in both wired and wireless networks. This book is a must-read for anyone who wants to understand the rapidly evolving world of telecommunications in the 21st century!" – David Mash, Retired Senior Vice President for Innovation, Strategy, and Technology, Berklee College of Music Completely updated for current trends and technologies, The Essential Guide to Telecommunications, Sixth Edition, is the world's top-selling, accessible guide to the fast-changing global telecommunications industry. Writing in easy-to-understand language, Dodd demystifies today's most significant technologies, standards, architectures, and trends. She introduces leading providers worldwide, explains where they fit in the marketplace, and reveals their key strategies. New topics covered in this edition include: LTE Advanced and 5G wireless, modern security threats and countermeasures, emerging applications, and breakthrough techniques for building more scalable, manageable networks. Gain a practical understanding of modern cellular, Wi-Fi, Internet, cloud, and carrier technologies Discover how key technical, business, and regulatory innovations are changing the industry See how streaming video, social media, cloud computing, smartphones, and the Internet of Things are transforming networks Explore growing concerns about security and privacy, and review modern strategies for detecting and mitigating network breaches Learn how Software Defined Networks (SDN) and Network Function Virtualization (NFV) add intelligence to networks, enabling automation, flexible configurations, and advanced networks Preview cutting-edge, telecom-enabled applications and gear–from mobile payments to drones Whether you're an aspiring network engineer looking for a broad understanding of the industry, or a salesperson, marketer, investor, or customer, this indispensable guide provides everything you

need to know about telecommunications right now. This new edition is ideal for both self-study and classroom instruction. Register your product for convenient access to downloads, updates, and/or corrections as they become available.

Mastering Skype for Business 2015 - Keith Hanna 2016-03-24
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.

Cloud Mobile Networks - Mojtaba Vaezi 2017-04-25
This book explores the challenges and opportunities in exploiting cloud technologies for 5G, ranging from radio access network (RAN) to the evolved packet core (EPC). With a specific focus on cloud RAN and EPC, the text carefully explains the influence of recent network technologies such as software defined networking (SDN), visualization, and cloud technologies in the evolution of architecture for future mobile networks. The book discusses the causes, benefits and challenges of cloud RAN and its interplay with other evolving technologies for future mobile networks. Researchers and professionals involved in mobile technology or cloud computing will find this book a valuable resource. The text is also suitable for advanced-level students studying all types of networking.

Office 365: Migrating and Managing Your Business in the Cloud - Matthew Katzer 2014-01-23
Written for the IT professional and business owner, this book provides the business and technical insight necessary to migrate your business to the cloud using Microsoft Office 365. This is a practical look at cloud migration and the use of different technologies to support that migration. Numerous examples of cloud migration with technical migration details are included. Cloud technology is a tremendous opportunity for an organization to reduce IT costs, and to improve productivity with increased access, simpler administration and improved services. Those businesses that embrace the advantages of the cloud will receive huge rewards in productivity and lower total cost of ownership over those businesses that choose to ignore it. The challenge for those charged with implementing Microsoft Office 365 is to leverage these advantages with the minimal disruption of their organization. This book provides practical help in moving your business to the Cloud and covers the planning, migration and the follow on management of the Office 365 Cloud services.

Exam Ref MS-900 Microsoft 365 Fundamentals - Craig Zacker 2020-02-04
Prepare for Microsoft Exam MS-900–and help demonstrate your mastery of real-world

foundational knowledge about the considerations and benefits of adopting cloud services and the Software as a Service cloud model, as well as specific options and benefits of Microsoft 365 cloud service offerings. Designed for IT professionals, Exam Ref focuses on critical thinking and decision-making acumen needed for success at the Microsoft Certified Fundamentals level. Focus on the expertise measured by these objectives: Understand cloud concepts Understand core Microsoft 365 services and concepts Understand security, compliance, privacy, and trust in Microsoft 365 Understand Microsoft 365 pricing and support This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you are a business user, IT professional, or student interested in cloud computing and technologies, including individuals planning to pursue more advanced Microsoft 365 certification. About the Exam Exam MS-900 focuses on knowledge about benefits and considerations of using cloud services; different types of cloud services; core Microsoft 365 components; comparisons between Microsoft 365 and on-premises services; modern management concepts; Office 365 ProPlus; Microsoft 365 collabora¿tion, mobility and analytics; Microsoft 365 security and compliance concepts; unified endpoint management; security usage scenarios and services; the Service Trust portal and Compliance manager; Microsoft 365 licensing options; pricing; support, and service lifecycles. About Microsoft Certification Passing this exam fulfills your requirements for the Microsoft 365 Certified Fundamentals certification credential, proving that you understand Microsoft 365 options, as well as the benefits of adopting cloud services, the Software as a Service (SaaS) cloud model, and Microsoft 365 cloud services in particular. See full details at: microsoft.com/learn

Managing Microsoft Teams: MS-700 Exam Guide - Peter Rising 2021-02-12
Discover how to plan a Microsoft Teams deployment within a business environment and manage Teams administrative functions on a day-to-day basis Key FeaturesPlan and design your Microsoft Teams deploymentPrepare, deploy, and manage policies for Microsoft Teams

and for apps within TeamsPass the MS-700 exam and achieve certification with the help of self-assessment questions and a mock examBook Description Do you want to build and test your proficiency in the deployment, management, and monitoring of Microsoft Teams features within the Microsoft 365 platform? Managing Microsoft Teams: MS-700 Exam Guide will help you to effectively plan and implement Microsoft Teams using the Microsoft 365 Teams admin center and Windows PowerShell. You'll also discover best practices for rolling out and managing MS services for Teams users within your Microsoft 365 tenant. The chapters are divided into three easy-to-follow parts: planning and design, feature policies and administration, and team management, while aligning with the official MS-700 exam objectives to help you prepare effectively for the exam. The book starts by taking you through planning and design, where you'll learn how to plan migrations, make assessments for network readiness, and plan and implement governance tasks such as configuring guest access and monitoring usage. Later, you'll understand feature administration, focusing on collaboration, meetings, live events, phone numbers, and the phone system, along with applicable policy configurations. Finally, the book shows you how to manage Teams and membership settings and create app policies. By the end of this book, you'll have learned everything you need to pass the MS-700 certification exam and have a handy reference guide for MS Teams. What you will learnExplore Security & Compliance configuration options for Teams featuresManage meetings, calls, and chat features within Microsoft TeamsFind out how to manage phone numbers, systems, and settings in TeamsManage individual team settings, membership, and guest accessCreate policies for Microsoft Teams apps and featuresDeploy access reviews and dynamic team membershipWho this book is for This Microsoft Teams book is for IT professionals who want to achieve Microsoft 365 Certified: Teams Administrator Associate certification. Familiarity with the principles of establishing and administering the core features and services within a Microsoft 365 tenant and a basic understanding of Microsoft Teams features are required before getting started with the book.

Prior knowledge of other Microsoft 365 workloads such as Security & Compliance will also be beneficial.

Expert Office 365 - Nikolas Charlebois-Laprade 2017-09-19
Get to grips with Office 365 through in-depth tutorials and insights from leading experts. Topics covered include Exchange Online, SharePoint Online, Skype Online, and more. This deeply technical book tackles key aspects of online collaboration and business productivity within Office 365. Expert Office 365 is written by a dedicated team of Microsoft Premier Field Engineers (PFEs), and captures advice, best practices, and insights from their experience in the field. What You'll Learn Develop client Web Parts with the new SharePoint Framework Create a recovery plan for SharePoint Online Configure SharePoint Online Hybrid Search and Portals Configure and optimize Exchange Online Optimize collaboration in your organization through analytics insights Who This Book Is For Senior IT pros and developers who wish to master business productivity within Office 365. This book is aimed at organizations that are already on Office 365 or that are currently planning their migration to the cloud.

Optical Interconnects for Data Centers - Tolga Tekin 2016-11-01
Current data centre networks, based on electronic packet switches, are experiencing an exponential increase in network traffic due to developments such as cloud computing. Optical interconnects have emerged as a promising alternative offering high throughput and reduced power consumption. Optical Interconnects for Data Centers reviews key developments in the use of optical interconnects in data centres and the current state of the art in transforming this technology into a reality. The book discusses developments in optical materials and components (such as single and multi-mode waveguides), circuit boards and ways the technology can be deployed in data centres. Optical Interconnects for Data Centers is a key reference text for electronics designers, optical engineers, communications engineers and R&D managers working in the communications and electronics industries as well as postgraduate researchers. Summarizes the state-of-the-art in this emerging field Presents a comprehensive review of all the key aspects of deploying optical interconnects in data centers, from materials and components, to circuit boards and methods for integration Contains contributions that are drawn from leading international experts on the topic

Asterisk - Jim Van Meggelen 2007-08-28
Provides information on Asterisk, an open source telephony application.

Just Business: Multinational Corporations and Human Rights (Norton Global Ethics Series) - John Gerard Ruggie 2013-03-25
"A true master class in the art of making the impossible possible." —Paul Polman One of the most vexing human rights issues of our time has been how to protect the rights of individuals and communities worldwide in an age of globalization and multinational business. Indeed, from Indonesian sweatshops to oil-based violence in Nigeria, the challenges of regulating harmful corporate practices in some of the world's most difficult regions long seemed insurmountable. Human rights groups and businesses were locked in a stalemate, unable to find common ground. In 2005, the United Nations appointed John Gerard Ruggie to the modest task of clarifying the main issues. Six years later, he had accomplished much more than that. Ruggie had developed his now-famous "Guiding Principles on Business and Human Rights," which provided a road map for ensuring responsible global corporate practices. The principles were unanimously endorsed by the UN and embraced and implemented by other international bodies, businesses, governments, workers' organizations, and human rights groups, keying a revolution in corporate social responsibility. Just Business tells the powerful story of how these landmark "Ruggie Rules" came to exist. Ruggie demonstrates how, to solve a seemingly unsolvable problem, he had to abandon many widespread and long-held understandings about the relationships between businesses, governments, rights, and law, and develop fresh ways of viewing the issues. He also takes us through the journey of assembling the right type of team, of witnessing the severity of the problem firsthand, and of pressing through the many obstacles such a daunting endeavor faced. Just Business is an illuminating inside look at one of the most important human

rights developments of recent times. It is also an invaluable book for anyone wanting to learn how to navigate the tricky processes of global problem-solving and consensus-building and how to tackle big issues with ambition, pragmatism, perseverance, and creativity.

Office 365 Essentials - Nuno Árias Silva 2018-05-24

Leverage Office 365 to increase your organization's efficiency by managing users, domains, licenses, and much more in your organization with most powerful subscription software. Key Features Get acquainted with the basics of Office 365 Configure and manage workloads efficiently using Office 365 A comprehensive guide covering every aspect of planning, and managing this multifaceted collaboration system. Book Description Office 365 is suite of advanced collaboration tools used by many well known organizations and their system administrators. This book starts with an introduction to Office 365 and its basic fundamentals. Then we move towards workload management and deployment. You will delve into identities, authentications, and managing office 365. We also cover concepts such as collaboration with Microsoft teams and tools such as Delve and Skype for collaboration. Towards the end of the book, you'll master monitoring and security concepts. By the end of this book, you will have hands-on experience working with Office 365 and its collaboration tools and services What you will learn Learn how to implement Office 365 from scratch and how to use best practices to be a successful Office 365 professional Understand Microsoft productivity services to take your organization or business to the next level by increasing productivity. Learn how workloads and applications interact and integrate with each other Learn to manage Skype for Business Online Get support and monitor service health with Office 365 Manage and administer identities and groups efficiently Who this book is for If you are working as a system administration or an IT professional and are keen to learn the fundamentals of Office 365, then this book is for you. No prior knowledge of office 365 is necessary.

Microsoft Azure Essentials - Fundamentals of Azure - Michael Collier 2015-01-29 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.

Exam Ref 70-533 Implementing Microsoft Azure Infrastructure Solutions - Michael Washam 2018-01-23

Prepare for the newest versions of Microsoft Exam 70-533–and help demonstrate your real-world mastery of implementing Microsoft Azure Infrastructure as a Service (IaaS). 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: Design and implement Azure App Service Apps Create and manage compute resources, and implement containers Design and implement a storage strategy, including storage encryption Implement virtual networks, including new techniques for hybrid connections Design and deploy ARM Templates Manage Azure security and Recovery Services Manage Azure operations, including automation and data analysis Manage identities with Azure AD Connect Health, Azure AD Domain Services, and Azure AD single sign on This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you are an IT professional with experience implementing and monitoring cloud and hybrid solutions and/or supporting application lifecycle management This book covers the 533 objectives as of December 2017. If there are updates for this book, you will find them at https://aka.ms/examref5332E/errata. About the Exam Exam 70-533 focuses on skills and

knowledge for provisioning and managing services in Microsoft Azure, including: implementing infrastructure components such as virtual networks, virtual machines, containers, web and mobile apps, and storage; planning and managing Azure AD, and configuring Azure AD integration with on-premises Active Directory domains. About Microsoft Certification Passing this exam helps qualify you for MCSA: Cloud Platform Microsoft Certified Solutions Associate certification, demonstrating your expertise in applying Microsoft cloud technologies to reduce costs and deliver value. To earn this certification, you must also pass any one of the following exams: 70-532 Developing Microsoft Azure Solutions, or 70-534 Architecting Microsoft Azure Solutions, or 70-535, Architecting Microsoft Azure Solutions, or 70-537: Configuring and Operating a Hybrid Cloud with Microsoft Azure Stack.

MCA Microsoft 365 Teams Administrator Study Guide - Ben Lee 2021-09-14
This Study Guide helps you understand the job role and responsibilities of a Microsoft 365 Teams Administrator. It's your one-stop resource for learning new skills, preparing to take the exam, and boosting your career! Cloud technology has become a major component of how services are delivered to customers. It's creating new roles and expanding others in all areas of technology. The Microsoft 365 Certified Associate Teams Administrator certification shows you're keeping pace with today's technology. MCA Microsoft 365 Certified Teams Administrator Study Guide is your best resource for understanding the job roles and responsibilities of a Teams Administrator and preparing to take the certification Exam MS-700. Microsoft 365 Teams Administrators focus on efficient and effective collaboration and communication in an enterprise environment. This Study Guide can help you understand best practices for configuring, deploying, and managing Office 365 workloads for Microsoft Teams that focus on efficient and effective collaboration and communication in an enterprise environment. Test your knowledge of all key exam objectives, including planning, deploying, and managing Teams chat, apps, channels, meetings, audio conferencing, live events, and calling. This Sybex Study Guide also covers upgrading from Skype for Business to Teams, managing Teams settings by using PowerShell, and understanding integration points with other apps and services. Review everything you need to know to pass the Exam MS-700 and you're your Microsoft 365 Certified Associate Teams Administrator certification Use Sybex's exclusive online test bank to improve your ability to plan and configure a Microsoft Teams Environment Master the process of managing Chat, Calling, and Meetings within Microsoft Teams Become an expert at configuring Teams and App Policies, including integrating third-party apps and services Readers will also have access to Sybex's online test bank, including hundreds of practice questions, flashcards, and a glossary. Take your career to a new level with this Study Guide!

Office 365 For Dummies Rosemarie Withee 2018-10-25
Everything you need to get productive in the Cloud with Office 365 With 70 million users worldwide, Microsoft Office 365 combines the familiar Office desktop suite with cloud-based versions of Microsoft's next-generation communications and collaboration services. It offers many benefits including security, reliability, compatibility with other products, over-the-air updates in the cloud that don't require anything from the user, single sign on for access to everything right away, and so much more. Office 365 For Dummies offers a basic overview of cloud computing and goes on to cover Microsoft cloud solutions and the Office 365 product in a language you can understand. This includes an introduction to each component which leads into topics around using each feature in each application. Get up to speed on instant messaging Use audio, video, and web conferencing Get seamless access to the Office suite with Office Web apps Access information anywhere, anytime Office 365 is the key to office productivity — and now you can put it to use for you!

The Telecommunications Handbook - Jyrki T. J. Penttinen 2015-01-13
This practical handbook and reference provides a complete understanding of the telecommunications field supported by descriptions and case examples throughout Taking a practical approach, The

Telecommunications Handbook examines the principles and details of all of the major and modern telecommunications systems currently available to industry and to end-users. It gives essential information about usage, architectures, functioning, planning, construction, measurements and optimisation. The structure of the book is modular, giving both overall descriptions of the architectures and functionality of typical use cases, as well as deeper and practical guidelines for telecom professionals. The focus of the book is on current and future networks, and the most up-to-date functionalities of each network are described in sufficient detail for deployment purposes. The contents include an introduction to each technology, its evolution path, feasibility and utilization, solution and network architecture, and technical functioning of the systems (signalling, coding, different modes for channel delivery and security of core and radio system). The planning of the core and radio networks (system-specific field test measurement guidelines, hands-on network planning advices and suggestions for the parameter adjustments) and future systems are also described. Each chapter covers aspects individually for easy reference, including approaches such as: functional blocks, protocol layers, hardware and software, planning, optimization, use cases, challenges, solutions to potential problems Provides very practical detail on the planning and operation of networks to enable readers to apply the content in real-world deployments Bridges the gap between the communications in the academic context and the practical knowledge and skills needed to work in the telecommunications industry Section divisions include: General theory; Fixed telecommunications; Mobile communications; Space communications; Other and special communications; and Planning and management of telecommunication networks Covers new commercial and enhanced systems deployed, such as IPv6 based networks, LTE-Advanced and GALILEO An essential reference for Technical personnel at telecom operators; equipment and terminal manufacturers; Engineers working for network operators.

Mastering Skype for Business 2015 - Keith Hanna 2016-04-04

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.

IP Telephony Demystified - Ken Camp 2002-11-13
Describes the history, intrigue, performance and quality, and future of IP telephony services.

Top-Down Network Design - Priscilla Oppenheimer 2010-08-24
Objectives The purpose of Top-Down Network

Design, Third Edition, is to help you design networks that meet a customer's business and technical goals. Whether your customer is another department within your own company or an external client, this book provides you with tested processes and tools to help you understand traffic flow, protocol behavior, and internetworking technologies. After completing this book, you will be equipped to design enterprise networks that meet a customer's requirements for functionality, capacity, performance, availability, scalability, affordability, security, and manageability. Audience This book is for you if you are an internetworking professional responsible for designing and maintaining medium- to large-sized enterprise networks. If you are a network engineer, architect, or technician who has a working knowledge of network protocols and technologies, this book will provide you with practical advice on applying your knowledge to internetwork design. This book also includes useful information for consultants, systems engineers, and sales engineers who design corporate networks for clients. In the fast-paced presales environment of many systems engineers, it often is difficult to slow down and insist on a top-down, structured systems analysis approach. Wherever possible, this book includes shortcuts and assumptions that can be made to speed up the network design process. Finally, this book is useful for undergraduate and graduate students in computer science and information technology disciplines. Students who have taken one or two courses in networking theory will find Top-Down Network Design, Third Edition, an approachable introduction to the engineering and business issues related to developing real-world networks that solve typical business problems. Changes for the Third Edition Networks have changed in many ways since the second edition was published. Many legacy technologies have disappeared and are no longer covered in the book. In addition, modern networks have become multifaceted, providing support for numerous bandwidth-hungry applications and a variety of devices, ranging from smart phones to tablet PCs to high-end servers. Modern users expect the network to be available all the time, from any device, and to let them securely

collaborate with coworkers, friends, and family. Networks today support voice, video, high-definition TV, desktop sharing, virtual meetings, online training, virtual reality, and applications that we can't even imagine that brilliant college students are busily creating in their dorm rooms. As applications rapidly change and put more demand on networks, the need to teach a systematic approach to network design is even more important than ever. With that need in mind, the third edition has been retooled to make it an ideal textbook for college students. The third edition features review questions and design scenarios at the end of each chapter to help students learn top-down network design. To address new demands on modern networks, the third edition of Top-Down Network Design also has updated material on the following topics: ¿ Network redundancy ¿ Modularity in network designs ¿ The Cisco SAFE security reference architecture ¿ The Rapid Spanning Tree Protocol (RSTP) ¿ Internet Protocol version 6 (IPv6) ¿ Ethernet scalability options, including 10-Gbps Ethernet and Metro Ethernet ¿ Network design and management tools

Learn Azure in a Month of Lunches, Second Edition Iain Foulds 2020-10-06 Learn Azure in a Month of Lunches, Second Edition, is a tutorial on writing, deploying, and running applications in Azure. In it, you'll work through 21 short lessons that give you real-world experience. Each lesson includes a hands-on lab so you can try out and lock in your new skills. Summary You can be incredibly productive with Azure without mastering every feature, function, and service. Learn Azure in a Month of Lunches, Second Edition gets you up and running quickly, teaching you the most important concepts and tasks in 21 practical bite-sized lessons. As you explore the examples, exercises, and labs, you'll pick up valuable skills immediately and take your first steps to Azure mastery! This fully revised new edition covers core changes to the Azure UI, new Azure features, Azure containers, and the upgraded Azure Kubernetes Service. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Microsoft Azure is vast and powerful, offering virtual servers, application templates, and prebuilt services for everything

from data storage to AI. To navigate it all, you need a trustworthy guide. In this book, Microsoft engineer and Azure trainer Iain Foulds focuses on core skills for creating cloud-based applications. About the book Learn Azure in a Month of Lunches, Second Edition, is a tutorial on writing, deploying, and running applications in Azure. In it, you'll work through 21 short lessons that give you real-world experience. Each lesson includes a hands-on lab so you can try out and lock in your new skills. What's inside Understanding Azure beyond point-and-click Securing applications and data Automating your environment Azure services for machine learning, containers, and more About the reader This book is for readers who can write and deploy simple web or client/server applications. About the author Iain Foulds is an engineer and senior content developer with Microsoft. Table of Contents PART 1 - AZURE CORE SERVICES 1 Before you begin 2 Creating a virtual machine 3 Azure Web Apps 4 Introduction to Azure Storage 5 Azure Networking basics PART 2 - HIGH AVAILABILITY AND SCALE 6 Azure Resource Manager 7 High availability and redundancy 8 Load-balancing applications 9 Applications that scale 10 Global databases with Cosmos DB 11 Managing network traffic and routing 12 Monitoring and troubleshooting PART 3 - SECURE BY DEFAULT 13 Backup, recovery, and replication 14 Data encryption 15 Securing information with Azure Key Vault 16 Azure Security Center and updates PART 4 - THE COOL STUFF 17 Machine learning and artificial intelligence 18 Azure Automation 19 Azure containers 20 Azure and the Internet of Things 21 Serverless computing

Mastering Microsoft Exchange Server 2016 - Clifton Leonard 2016-09-23
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.

Management Information Systems - Kenneth C. Laudon 2004
Management Information Systems provides comprehensive and integrative coverage of essential new technologies, information system applications, and their impact on business models and managerial decision-making in an exciting and interactive manner. The twelfth edition focuses on the major changes that have been made in information technology over the past two years, and includes new opening, closing, and Interactive Session cases.

Exam Ref 70-698 Installing and Configuring Windows 10 - Andrew Bettany 2016-08-29
Prepare for Microsoft Exam 70-698–and help demonstrate your real-world mastery of Windows 10 installation and configuration. 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 MCSA level. Focus on the skills measured on the exam: • Prepare for and perform Windows 10 installation • Configure devices and device drivers • Perform post-installation configuration • Implement Windows in the enterprise • Configure and support networking, storage, data access, and usage • Implement apps • Configure remote management • Configure updates, recovery, authorization, authentication, and management tools • Monitor Windows 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 written by top trainers • Points to in-depth material by topic for exam candidates needing additional review • Assumes you are an IT pro looking to validate your skills in and knowledge of installing and configuring Windows 10

Exam Ref Ms-700 Managing Microsoft Teams - ED. FISHER 2021-10-29

Direct from Microsoft, this Exam Ref is the official study guide for the new Microsoft MS-700 Managing Microsoft Teams certification exam. Exam Ref MS-700 Managing Microsoft Teams offers professional-level preparation that helps candidates maximize their exam performance and sharpen their skills on the job. It focuses on helping modern IT professionals demonstrate real-world mastery of configuring, deploying, and managing Office 365 workloads for Microsoft Teams to improve collaboration and communication in enterprise environments. Learn how to: Plan and configure Teams environments: upgrade from Skype for Business; plan/configure network settings; implement governance and lifecycle management; configure/manage guest access; manage security/compliance; deploy/manage endpoints; monitor/analyze service usage Manage chat, calling, and meetings: manage chat, collaboration, and meeting experiences; manage phone numbers and Phone System Manage Teams and app policies: manage a team and its membership; implement policies for Microsoft Teams apps Microsoft Exam Ref publications stand apart from third-party study guides because they: Provide guidance from Microsoft, the creator of Microsoft certification exams

Target IT professional-level exam candidates with content focused on their needs, not "one-size-fits-all" content Streamline study by organizing material according to the exam's objective domain (OD), covering one functional group and its objectives in each chapter Offer concise overviews of every skill covered by the exam Feature "Thought Experiments" and "Thought Experiment Answers" to guide candidates through a set of "what if?" scenarios, and prepare them more effectively for Pro-level style exam questions Include "Need more review?" aids pointing you to more study materials if you need them Explore big picture thinking around the planning and design aspects of the IT pro's job role Deliver exam tips, summaries, and inline questions and answers to help you identify key points Include "Need more review?" reader aids pointing to more study materials when readers need them For more information on Exam MS-700 and the Microsoft 365 Certified: Teams Administrator Associate credential, visit https: //docs.microsoft.com/en-us/learn/certifications/m365-teams-administrator-associate/.

Introducing Microsoft Teams - Balu N Ilag 2018-06-29

Gain industry best practices from planning to implementing Microsoft Teams and learn how to enable, configure, and integrate user provisioning, management, and monitoring. This book also covers troubleshooting Teams with step-by-step instructions and examples. Introducing Microsoft Teams gives you the comprehensive coverage you need to creatively utilize Microsoft Teams services. The author starts by giving an introduction to Microsoft Teams and its architecture followed by optimizing the Teams experience where he describes how organizations can prepare for Teams and enhance existing services. He further shows you how to manage and control the Microsoft Teams experience along with its capabilities and enhancements. You'll learn how to migrate from Skype for Business to Microsoft Teams with a step-by-step tutorial. Finally, you'll get to grips with Teams troubleshooting and best practices. This book has detailed coverage that helps you exploit every capability Microsoft Teams has to offer. It provides the answers you need and the insight that will make your journey

from Skype for Business to Teams easier. What You Will Learn Enable guest access in Teams Provision and manage users in Teams Administrate Teams and channels Optimize the Teams experience Enable and configure Microsoft Teams Prepare your network for Microsoft Teams and Office 365 services Migrate from Skype for Business to Microsoft Teams Who This Book Is For Unified communication administrators and IT support engineers who are currently supporting an existing unified communication platform such as Skype for Business (Lync). It would also help support engineers, new administrators, and consultant to start their journey with Teams.

Mastering Windows Server 2016 - Jordan Krause 2016-10-25
A comprehensive and practical guide to Windows Server 2016 About This Book In-depth coverage of new features of Windows Server 2016 Gain the necessary skills and knowledge to design and implement Microsoft Server 2016 in enterprise environment Know how you can support your medium to large enterprise and leverage your experience in administering Microsoft Server 2016, A practical guide to administering Windows server 2016 Who This Book Is For The book is targeted at System Administrators and IT professionals who would like to design and deploy Windows Server 2016 (physical and logical) Enterprise infrastructure. Previous experience of Windows Server operating systems and familiarity with networking concepts is assumed. System administrators who are upgrading or migrating to Windows Server 2016 would also find this book useful. What You Will Learn Familiarize yourself with Windows Server 2016 ideology, the core of most datacenters running today New functions and benefits provided only by the new Windows Server 2016 Get comfortable working with Nanoserver Secure your network with new technologies in Server 2016 Harden your Windows Servers to help keep those bad guys out! Using new built-in integration for Docker with this latest release of Windows Server 2016 Virtualize your datacenter with Hyper-V In Detail Windows Server 2016 is the server operating system developed by Microsoft as part of the Windows NT family of operating systems, developed concurrently with Windows 10. With

Windows Server 2016, Microsoft has gotten us thinking outside of the box for what it means to be a system administration, and comes with some interesting new capabilities. These are exciting times to be or to become a server administrator! This book covers all aspects of administration level tasks and activities required to gain expertise in Microsoft Windows Server 2016. You will begin by getting familiar and comfortable navigating around in the interface. Next, you will learn to install and manage Windows Server 2016 and discover some tips for adapting to the new server management ideology that is all about centralized monitoring and configuration. You will deep dive into core Microsoft infrastructure technologies that the majority of companies are going to run on Server 2016. Core technologies such as Active Directory, DNS, DHCP, Certificate Services, File Services, and more. We will talk about networking in this new operating system, giving you a networking toolset that is useful for everyday troubleshooting and maintenance. Also discussed is the idea of Software Defined Networking. You will later walk through different aspects of certificate administration in Windows Server 2016. Three important and crucial areas to cover in the Remote Access role -- DirectAccess, VPN, and the Web Application Proxy -- are also covered. You will then move into security functions and benefits that are available in Windows Server 2016. Also covered is the brand new and all-important Nano Server! We will incorporate PowerShell as a central platform for performing many of the functions that are discussed in this book, including a chapter dedicated to the new PowerShell 5.0. Additionally, you will learn about the new built-in integration for Docker with this latest release of Windows Server 2016. The book ends with a discussion and information on virtualizing your datacenter with Hyper-V. By the end of this book, you will have all the ammunition required to start planning for and implementing Windows Server 2016. Style and approach This book offers a practical and wide coverage of all features of brand new Microsoft Server 2016 along with tips on daily administration tasks.

MS-700 Managing Microsoft Teams Exam Guide - Peter Rising 2022-05-26
A detailed guide to preparing for the MS-700

exam and earning associate-level Microsoft Teams administrator certification Key Features • Plan and design your Microsoft Teams deployment • Prepare, implement, and manage policies for Microsoft Teams and for apps within Teams • Work with self-assessment questions and a mock exam and take the MS-700 certification exam with confidence Book Description Exam MS-700: Managing Microsoft Teams tests your knowledge and competence in the deployment, management, and monitoring of Microsoft Teams features within the Microsoft 365 platform. This book will teach you how to effectively plan and implement the required services using both the Teams admin centre within Microsoft 365 and Windows PowerShell. Throughout the chapters, you'll learn about all the policies relating to messaging, teams, meetings, and more; get to grips with the settings; and explore configuration options that a Teams administrator would encounter in their day-to-day responsibilities. You'll also discover best practices for rolling out and managing Teams services for users within your Microsoft 365 tenant as you explore each objective in detail. By the end of this Microsoft Teams book, you'll have covered everything you need to pass the MS-700 certification exam and have a handy, on-the-job desktop reference guide. What you will learn • Plan and configure network settings and licensing for Microsoft Teams • Plan and configure security, compliance, and governance for Microsoft Teams • Manage users and configure guest and external access • Configure and manage Microsoft Teams devices • Create and manage teams, channels, and core experiences • Manage Phone System and numbers for Microsoft Teams • Troubleshoot audio, video, client, and environment issues • Practice with a mock exam with answers and explanations Who this book is for This book is for IT professionals who want to earn the Microsoft 365 Certified: Teams Administrator Associate certification. Familiarity with the principles of administering core features and services within a Microsoft 365 tenant and a basic understanding of Microsoft Teams features are needed. Prior knowledge of other Microsoft 365 workloads such as Security & Compliance will also be beneficial. To maximize the odds of passing the MS-700 exam, use this exam guide's content and practice questions to prepare alongside practicing concepts first-hand when possible.

Agile IT Organization Design - Sriram Narayan 2015-06-11
Design IT Organizations for Agility at Scale Aspiring digital businesses need overall IT agility, not just development team agility. In Agile IT Organization Design , IT management consultant and ThoughtWorks veteran Sriram Narayan shows how to infuse agility throughout your organization. Drawing on more than fifteen years' experience working with enterprise clients in IT-intensive industries, he introduces an agile approach to "Business–IT Effectiveness" that is as practical as it is valuable. The author shows how structural, political, operational, and cultural facets of organization design influence overall IT agility—and how you can promote better collaboration across diverse functions, from sales and marketing to product development, and engineering to IT operations. Through real examples, he helps you evaluate and improve organization designs that enhance autonomy, mastery, and purpose: the key ingredients for a highly motivated workforce. You'll find "close range" coverage of team design, accountability, alignment, project finance, tooling, metrics, organizational norms, communication, and culture. For each, you'll gain a deeper understanding of where your organization stands, and clear direction for making improvements. Ready to optimize the performance of your IT organization or digital business? Here are practical solutions for the long term, and for right now. Govern for value over predictability Organize for responsiveness, not lowest cost Clarify accountability for outcomes and for decisions along the way Strengthen the alignment of autonomous teams Move beyond project teams to capability teams Break down tool-induced silos Choose financial practices that are free of harmful side effects Create and retain great teams despite today's "talent crunch" Reform metrics to promote (not prevent) agility Evolve culture through improvements to structure, practices, and leadership—and careful, deliberate interventions

Deep Learning with Azure Mathew Salvaris 2018-08-24
Get up-to-speed with Microsoft's AI Platform.

Learn to innovate and accelerate with open and powerful tools and services that bring artificial intelligence to every data scientist and developer. Artificial Intelligence (AI) is the new normal. Innovations in deep learning algorithms and hardware are happening at a rapid pace. It is no longer a question of should I build AI into my business, but more about where do I begin and how do I get started with AI? Written by expert data scientists at Microsoft, Deep Learning with the Microsoft AI Platform helps you with the how-to of doing deep learning on Azure and leveraging deep learning to create innovative and intelligent solutions. Benefit from guidance on where to begin your AI adventure, and learn how the cloud provides you with all the tools, infrastructure, and services you need to do AI. What You'll Learn Become familiar with the tools, infrastructure, and services available for deep learning on Microsoft Azure such as Azure Machine Learning services and Batch AI Use pre-built AI capabilities (Computer Vision, OCR, gender, emotion, landmark detection, and more) Understand the common deep learning models, including convolutional neural networks (CNNs), recurrent neural networks (RNNs), generative adversarial networks (GANs) with sample code and understand how the field is evolving Discover the options for training and operationalizing deep learning models on Azure Who This Book Is For Professional data scientists who are interested in learning more about deep learning and how to use the Microsoft AI platform. Some experience with Python is helpful.