Hands-on Networking Fundamentals

Chapter 3: Using Network Communication Protocols

Handson Networking Fundamentals

Pasquale De Marco

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Hands-on Networking Fundamentals Michael J. Palmer,2012 **Hands-On Networking Fundamentals** Michael Palmer,2005-08-18 Hands On Networking Fundamentals has been designed with the novice networking student in mind It is a doorway into learning about all types of networks from the ground up This new book encourage new users to feel confident in moving onto a Network course of study while obtaining the skills necessary to perform network installations and basic troubleshooting The student truly gets a hands on interactive learning experience New concepts are presented in clear language and the hands on activities along with realistic case studies reinforce learning at each step In the context of learning network fundamentals students also learn practical design methods for home small business and large enterprise networks Important Notice Media content referenced within the product description or the product text may not be available in the ebook version **Hands-On Projects for Networking Essentials** Michael J. Palmer,1998 This text prepares individuals through extended hands on projects to pass the Networking Essentials certification exam 70 058 Additionally the text emphasizes the skills needed to become an effective network administrator It s coverage is Microsoft certified and includes transcender *Hands-On Networking* Maria Luisa Merani,Maurizio Casoni,Walter Cerroni,2009-09-17 Learn the core theory and explore real world networking issues with this richly illustrated example based textbook It includes case studies and numerous laboratory exercises that connect theory and practice through hands on experimentation with real networking devices Its bottom up approach is easy for students to follow and perfect for lab oriented courses *Networking Fundamentals* Crystal Panek,2019-10-23 A clear and concise resource on Windows networking perfect for IT beginners Did you know that nearly 85% of IT support roles require a good understanding of networking concepts If you are looking to advance your IT career you will need a foundational understanding of Windows networking Network Fundamentals covers everything you need to know about network infrastructures hardware protocols and services You will learn everything you need to gain the highly in demand Networking Fundamentals MTA Certification This entry level credential could be your first step into a rewarding stable and lucrative IT career This new Sybex guide covers the basics of networking starting from the ground level so no previous IT knowledge is required Each chapter features approachable discussion of the latest networking technologies and concepts closing with a quiz so you can test your knowledge before moving to the next section Even if you are brand new to computers Network Fundamentals will guide you to confidence and mastery Understand wired and wireless networks in every detail Learn everything you need to attain the Networking Fundamentals MTA Certification Test your knowledge with end of chapter quiz questions Understand internet protocol IP and categorize IPv4 addresses Work with networking services and area networks Define network infrastructures and network security including intranets extranets and VPNs Beginning and established IT professionals looking to understand more about networking will gain the knowledge to create a network diagram and confidently explain basic networking concepts Thanks to the features in this book you will

be able to apply your new networking skills in real world situations and feel confident when taking the certification test

CCNA 200-301 Hands-on Mastery with Packet Tracer Anthony J. Sequeira,Ronald Wong,2024-11-22 The CCNA 200 301 exam will challenge you to not only focus on the theory of a technology but the ability to demonstrate mastery of configuration verification and troubleshooting In CCNA 200 301 Hands on Mastery with Packet Tracer you will be guided by expert authors in writing about and more importantly training candidates in all aspects of the CCNA exam This is the only text focused on just those topics needed for success in getting a passing score Through quizzes review questions practice exams and labs CCNA 200 301 Hands on Mastery with Packet Tracer will give you access to the experience from experts who have taken every revision of the exam since the certification s inception becoming familiar not only with the exam but Cisco s testing techniques as well This complete study package includes A test preparation routine proven to help you pass the exam Practice Exams In addition to including exam preparation questions at the end of each chapter this book provides two full Practice Exams Answers and explanations for practice exams An Answer Key follows each practice exam providing answers to and explanations for the questions in the exams Chapter ending exercises which help you drill on key concepts you must know thoroughly Study plan suggestions and templates to help you organize and optimize your study time Packet Tracer Hands On Labs available for download from the companion website for this book Content Update Program This book includes the latest topics and information covering the latest updated CCNA 200 301 exam Visit ciscopress com for information on annual digital updates for this book that align to Cisco exam blueprint version changes This study guide helps you master all the topics on the CCNA 200 301 exam including Network Fundamentals Advanced Network Configurations Building and Using Labs Troubleshooting and Testing **Networking Essentials** Jeffrey S. Beasley,Piyasat Nilkaew,2018-02-26 Thoroughly updated to reflect the CompTIA Network N10 007 exam Networking Essentials Fifth Edition is a practical up to date and hands on guide to the basics of networking Written from the viewpoint of a working network administrator it requires absolutely no experience with either network concepts or day to day network management Networking Essentials Fifth Edition guides readers from an entry level knowledge in computer networks to advanced concepts in Ethernet and TCP IP networks routing protocols and router configuration local campus and wide area network configuration network security wireless networking optical networks Voice over IP the network server and Linux networking This edition contains additional coverage of switch security troubleshooting IP networks authorization and access control best practices for disaster recovery network infrastructure configuration and management data traffic network analysis network security and VoIP It also covers approximately 250 new terms now addressed by CompTIA s N10 007 exam Clear goals are outlined for each chapter and every concept is introduced in easy to understand language that explains how and why networking technologies are used Each chapter is packed with real world examples and practical exercises that reinforce all concepts and guide you through using them to configure analyze and fix networks The companion web site features labs Wireshark captures and chapter

quizzes KEY PEDAGOGICAL FEATURES NET CHALLENGE SIMULATION SOFTWARE provides hands on experience with entering router and switch commands setting up functions and configuring interfaces and protocols WIRESHARK NETWORK PROTOCOL ANALYZER presents techniques and examples of data traffic analysis throughout PROVEN TOOLS FOR MORE EFFECTIVE LEARNING AND NETWORK PREP including chapter outlines summaries and Network objectives WORKING EXAMPLES IN EVERY CHAPTER to reinforce key concepts and promote mastery KEY TERM DEFINITIONS LISTINGS AND EXTENSIVE GLOSSARY to help you master the language of networking QUESTIONS PROBLEMS AND CRITICAL THINKING QUESTIONS to help you deepen your understanding *Hands-On Network Programming with C#* Pasquale De Marco,2025-04-11 In a world driven by digital transformation the ability to create powerful network applications is more crucial than ever C a versatile programming language renowned for its simplicity and efficiency emerges as the perfect choice for building scalable high performance network applications Step into the realm of network programming with C and unlock the potential to construct sophisticated network applications that meet the demands of modern businesses and organizations This comprehensive guide empowers you with the knowledge and skills to tackle real world challenges from establishing network connectivity and exchanging data with sockets to delving into advanced techniques like RPC and web services Through a journey of meticulously crafted explanations and practical examples this book unravels the intricacies of network communication and equips you with the expertise to thrive in the ever evolving digital landscape Whether you re a seasoned developer seeking to expand your skillset or a beginner eager to explore the world of network programming this book provides an invaluable resource Discover a treasure trove of insights into The fundamentals of networking concepts protocols and architectures The art of establishing network connectivity and exchanging data using sockets Advanced socket programming techniques for enhanced performance and control The principles and implementation of Remote Procedure Calls RPC The architecture and development of web services with C Real time application development with SignalR Securing network applications with industry standard protocols and best practices Performance optimization and troubleshooting techniques for network applications This book transcends mere technical knowledge cultivating a deeper understanding of the underlying principles and concepts that govern network programming It serves as a valuable asset for developers seeking to master the art of creating efficient secure and scalable network applications with C Embark on this exciting journey into the world of C network programming and unlock the full potential of this powerful language Transform your vision into reality and revolutionize the way you build network applications If you like this book write a review on google books **Selected Readings on Telecommunications and Networking** Gutierrez, Jairo,2008-08-31 This book presents quality articles focused on key issues concerning the planning design maintenance and management of telecommunications and networking technologies Provided by publisher *Designing and Implementing Microsoft Azure Networking Solutions* David Okeyode,2023-08-25 Pass the AZ 700 exam effortlessly with this comprehensive guide to Azure networking covering all

aspects of architecting implementing and managing Azure virtual networks Purchase of the print or Kindle book includes a free PDF eBook Key Features Create and deploy a secure Azure network and implement dynamic routing and hybrid connectivity Master Azure network design for performance resilience scalability and security Enhance your practical skills with hands on labs aligned to the AZ 700 Network Engineer certification Book DescriptionDesigning and Implementing Microsoft Azure Networking Solutions is a comprehensive guide that covers every aspect of the AZ 700 exam to help you fully prepare to take the certification exam Packed with essential information this book is a valuable resource for Azure cloud professionals helping you build practical skills to design and implement name resolution VNet routing cross VNet connectivity and hybrid network connectivity using the VPN Gateway and the ExpressRoute Gateway It provides step by step instructions to design and implement an Azure Virtual WAN architecture for enterprise use cases Additionally the book offers detailed guidance on network security design and implementation application delivery services private platform service connectivity and monitoring networks in Azure Throughout the book you ll find hands on labs carefully integrated to align with the exam objectives of the Azure Network Engineer certification AZ 700 complemented by practice questions at the end of each chapter allowing you to test your knowledge By the end of this book you ll have mastered the fundamentals of Azure networking and be ready to take the AZ 700 exam What you will learn Recap the fundamentals of Azure networking Design and implement name resolution Implement cross VNet and VNet internet connectivity Build site to site VPN connections using the VPN gateway Create an ExpressRoute connection Secure your network with Azure Firewall and network security groups Implement private access to Azure services Choose the right load balancing option for your network Who this book is for Whether you re an Azure network engineer or a professional looking to enhance your expertise in designing and implementing scalable and secure network solutions this book is an invaluable resource A basic understanding of cloud solutions will help you to get the most out of this book   *Future Networking Essentials* Dr. Anil Kumar Rangisetti,2024-10-07 Explore virtualized networking environments through the Cloud Edge and 5G core networks and their applications This book covers the primary approaches related to setting up and experimenting with related cloud and networking environments using virtual networks and virtual network functions You ll start by experimenting with future networking environments and learn a variety of Docker basics and essential networking skills Specifically containers networking volumes iptables for Docker environment security and default orchestration features are discussed to help set up custom cloud edge and 5G core networking environments Hands on activities related to Docker networking and services features for publishing scaling and monitoring of services are also provided By the end of Part 1 you ll be able to set up a variety of custom networking environments easily using Docker compose features and secure the set up using iptables Part 2 introduces Network Function Virtualization NFV architecture and its roles in Cloud and 5G core networks You ll learn to deploy an open source 5G core platform from OpenAirInterface OAI using Docker Then you ll set up and evaluate Virtual

Network Functions VNF over suitable virtual networks Hands on activities are featured to guide you through the process of setting up and deploying VNFs such as DHCP DNS and proxy servers Finally Part 3 discusses key virtual networks such as IP VLANs MAC VLANs and overlay networks using Docker cluster setups You ll use interesting hands on activities to easily experiment and learn cloud and 5G core network set up related virtual networks overlay networks and network slicing When done you ll be able to set up a variety of VNFs carefully deploying VNFs and conducting slicing activities over Docker cluster setups What You ll Learn Explore Cloud Edge and 5G core networking using Docker networking features Build and evaluate a variety of virtual networks and deploy Virtual Network Functions VNFs and Network Slices using Docker swarm setups Set up and deploy an open source 5G core network using Docker for experimenting Enhance cloud environment and applications security using linux security features such as Capabilities Seccomp and AppArmors Develop and evaluate network security experiments using Scapy and Docker networks Who This Book Is For Network engineers cloud engineers students faculty and cloud and networking researchers   **Hands-On Neural Networks** Leonardo De Marchi,Laura Mitchell,2019-05-30 Design and create neural networks with deep learning and artificial intelligence principles using OpenAI Gym TensorFlow and Keras Key FeaturesExplore neural network architecture and understand how it functionsLearn algorithms to solve common problems using back propagation and perceptronsUnderstand how to apply neural networks to applications with the help of useful illustrationsBook Description Neural networks play a very important role in deep learning and artificial intelligence AI with applications in a wide variety of domains right from medical diagnosis to financial forecasting and even machine diagnostics Hands On Neural Networks is designed to guide you through learning about neural networks in a practical way The book will get you started by giving you a brief introduction to perceptron networks You will then gain insights into machine learning and also understand what the future of AI could look like Next you will study how embeddings can be used to process textual data and the role of long short term memory networks LSTMs in helping you solve common natural language processing NLP problems The later chapters will demonstrate how you can implement advanced concepts including transfer learning generative adversarial networks GANs autoencoders and reinforcement learning Finally you can look forward to further content on the latest advancements in the field of neural networks By the end of this book you will have the skills you need to build train and optimize your own neural network model that can be used to provide predictable solutions What you will learnLearn how to train a network by using backpropagationDiscover how to load and transform images for use in neural networksStudy how neural networks can be applied to a varied set of applicationsSolve common challenges faced in neural network developmentUnderstand the transfer learning concept to solve tasks using Keras and Visual Geometry Group VGG networkGet up to speed with advanced and complex deep learning concepts like LSTMs and NLP Explore innovative algorithms like GANs and deep reinforcement learningWho this book is for If you are interested in artificial intelligence and deep learning and want to further your skills then this intermediate level book is for you Some

knowledge of statistics will help you get the most out of this book **Penetration Testing Fundamentals** William Easttom II,2018-03-06 The perfect introduction to pen testing for all IT professionals and students Clearly explains key concepts terminology challenges tools and skills Covers the latest penetration testing standards from NSA PCI and NIST Welcome to today s most useful and practical introduction to penetration testing Chuck Easttom brings together up to the minute coverage of all the concepts terminology challenges and skills you ll need to be effective Drawing on decades of experience in cybersecurity and related IT fields Easttom integrates theory and practice covering the entire penetration testing life cycle from planning to reporting You ll gain practical experience through a start to finish sample project relying on free open source tools Throughout quizzes projects and review sections deepen your understanding and help you apply what you ve learned Including essential pen testing standards from NSA PCI and NIST Penetration Testing Fundamentals will help you protect your assets and expand your career options LEARN HOW TO Understand what pen testing is and how it s used Meet modern standards for comprehensive and effective testing Review cryptography essentials every pen tester must know Perform reconnaissance with Nmap Google searches and ShodanHq Use malware as part of your pen testing toolkit Test for vulnerabilities in Windows shares scripts WMI and the Registry Pen test websites and web communication Recognize SQL injection and cross site scripting attacks Scan for vulnerabilities with OWASP ZAP Vega Nessus and MBSA Identify Linux vulnerabilities and password cracks Use Kali Linux for advanced pen testing Apply general hacking technique ssuch as fake Wi Fi hotspots and social engineering Systematically test your environment with Metasploit Write or customize sophisticated Metasploit exploits Hands-On System Design Harsh Kumar Ramchandani,2022-03-29 The ultimate guide to ace your system designing interviews KEY FEATURES Provides step by step solutions to real world problems related to system design and development Includes detailed explanations of each OOPs idea and design pattern along with code snippets in the C style Contains illustrations and demonstrations that describe the technologies enabling modern scalable systems DESCRIPTION Scaling software application is the focus of this book which takes the reader on an in depth journey You ll have a better understanding of how to create a scalable enterprise level application after reading this guide The book discusses system design principles computer networks major networking protocols strategies for scaling data access and various architectural styles for creating the system A thorough examination of various technologies such as Cache Memory CDN Load Balancers and Messaging Queues are conducted and their implementation The book also demonstrates how you can use these combinations of technologies in the best way to build a scalable enterprise level system The examination of several architectural styles for system design assists you in choosing the best path for architecting your system Additionally the book explores object oriented programming concepts and design patterns that facilitate the creation of clean maintainable code The reader will develop an intuitive knowledge of numerous tools and approaches for creating a scalable system by using several actual system design examples This book can tackle any system design problem you may meet in your current

position or interviews You ll learn how to design a system from scratch and the examples in the book will help you to improve your skills WHAT YOU WILL LEARN Acquaint yourself with the fundamentals of computer networks and major networking protocols Gain an understanding of various technologies to develop a distributed scalable application Develop the capacity to approach any system design problem with a unique perspective Gain insight into programming design patterns and object oriented principles Investigate several methods for expanding data access Discover many architectural styles for system design WHO THIS BOOK IS FOR The book is intended for software developers system design engineers aspiring system architects IT professionals and students who want to learn how to construct a scalable application or prepare for system design interviews Basic knowledge of programming and computer architecture is recommended but not demanded to grasp the book TABLE OF CONTENTS 1 Fundamentals of System Design Principles 2 Networking Basics 3 Scaling Databases 4 System Architecture 5 Introduction to Object Oriented Programming 6 Design Patterns 7 Object Oriented Design Methodology 8 Approaching System design problems 9 Designing a key value store 10 Designing a video streaming website 11 Designing a website like Twitter 12 Designing a card authentication system 13 Designing an Image Hosting Application

Developing IoT Projects with ESP32 Vedat Ozan Oner,2023-11-30 From smart sensors to cloud integration and the world of TinyML this book is your comprehensive guide to the IoT ecosystem using the ESP32 and industry standard tools and technologies Key Features Build IoT projects from scratch using ESP32 Customize solutions take them to cloud visualize real time data implement security features Practice using a variety of hands on projects such as an audio player smart home and more Book DescriptionESP32 a low cost and energy efficient system on a chip microcontroller has become the backbone of numerous WiFi devices fueling IoT innovation This book offers a holistic approach to building an IoT system from the ground up ensuring secure data communication from sensors to cloud platforms empowering you to create production grade IoT solutions using the ESP32 SoC Starting with IoT essentials supported by real world use cases this book takes you through the entire process of constructing an IoT device using ESP32 Each chapter introduces new dimensions to your IoT applications covering sensor communication the integration of prominent IoT libraries like LittleFS and LVGL connectivity options via WiFi security measures cloud integration and the visualization of real time data using Grafana Furthermore a dedicated section explores AI ML for embedded systems guiding you through building and running ML applications with tinyML and ESP32 S3 to create state of the art embedded products This book adopts a hands on approach ensuring you can start building IoT solutions right from the beginning Towards the end of the book you ll tackle a full scale Smart Home project applying all the techniques you ve learned in real time Embark on your journey to build secure production grade IoT systems with ESP32 today What you will learn Explore ESP32 with IDE and debugging tools for effective IoT creation Drive GPIO I2C multimedia and storage for seamless integration of external devices Utilize handy IoT libraries to enhance your ESP32 projects Manage WiFi like a pro with STA AP modes provisioning and ESP Rainmaker framework features Ensure robust IoT

security with secure boot and OTA firmware updates Harness AWS IoT for data handling and achieve stunning visualization using Grafana Enhance your projects with voice capabilities using ESP AFE and Speech Recognition Innovate with tinyML on ESP32 S3 and the Edge Impulse platform Who this book is for If you are an embedded software developer an IoT software architect or developer a technologist or anyone who wants to learn how to use ESP32 and its applications this book is for you A basic understanding of embedded systems programming networking and cloud computing concepts is necessary to get started with the book **Tools for Teaching Computer Networking and Hardware Concepts** Sarkar, Nurul,2006-02-28 This book offers concepts of the teaching and learning of computer networking and hardwar eby offering undamental theoretical concepts illustrated with the use of interactive practical exercises Provided by publisher *Hands-On Network Programming with C* Lewis Van Winkle,2019-05-13 A comprehensive guide to programming with network sockets implementing internet protocols designing IoT devices and much more with C Key FeaturesApply your C and C programming skills to build powerful network applicationsGet to grips with a variety of network protocols that allow you to load web pages send emails and do much moreWrite portable network code for Windows Linux and macOSBook Description Network programming enables processes to communicate with each other over a computer network but it is a complex task that requires programming with multiple libraries and protocols With its support for third party libraries and structured documentation C is an ideal language to write network programs Complete with step by step explanations of essential concepts and practical examples this C network programming book begins with the fundamentals of Internet Protocol TCP and UDP You ll explore client server and peer to peer models for information sharing and connectivity with remote computers The book will also cover HTTP and HTTPS for communicating between your browser and website and delve into hostname resolution with DNS which is crucial to the functioning of the modern web As you advance you ll gain insights into asynchronous socket programming and streams and explore debugging and error handling Finally you ll study network monitoring and implement security best practices By the end of this book you ll have experience of working with client server applications and be able to implement new network programs in C The code in this book is compatible with the older C99 version as well as the latest C18 and C 17 standards You ll work with robust reliable and secure code that is portable across operating systems including Winsock sockets for Windows and POSIX sockets for Linux and macOS What you will learnUncover cross platform socket programming APIsImplement techniques for supporting IPv4 and IPv6Understand how TCP and UDP connections work over IPDiscover how hostname resolution and DNS workInterface with web APIs using HTTP and HTTPSExplore Simple Mail Transfer Protocol SMTP for electronic mail transmissionApply network programming to the Internet of Things IoT Who this book is for If you re a developer or a system administrator who wants to get started with network programming this book is for you Basic knowledge of C programming is assumed AWS Certified Advanced Networking Official Study Guide Sidhartha Chauhan,James Devine,Alan Halachmi,Matt Lehwess,Nick Matthews,Steve

Morad,Steve Seymour,2018-02-13 The official study guide for the AWS certification specialty exam The AWS Certified Advanced Networking Official Study Guide Specialty Exam helps to ensure your preparation for the AWS Certified Advanced Networking Specialty Exam Expert review of AWS fundamentals align with the exam objectives and detailed explanations of key exam topics merge with real world scenarios to help you build the robust knowledge base you need to succeed on the exam and in the field as an AWS Certified Networking specialist Coverage includes the design implementation and deployment of cloud based solutions core AWS services implementation and knowledge of architectural best practices AWS service architecture design and maintenance networking automation and more You also get one year of free access to Sybex s online interactive learning environment and study tools which features flashcards a glossary chapter tests practice exams and a test bank to help you track your progress and gauge your readiness as exam day grows near The AWS credential validates your skills surrounding AWS and hybrid IT network architectures at scale The exam assumes existing competency with advanced networking tasks and assesses your ability to apply deep technical knowledge to the design and implementation of AWS services This book provides comprehensive review and extensive opportunities for practice so you can polish your skills and approach exam day with confidence Study key exam essentials with expert insight Understand how AWS skills translate to real world solutions Test your knowledge with challenging review questions Access online study tools chapter tests practice exams and more Technical expertise in cloud computing using AWS is in high demand and the AWS certification shows employers that you have the knowledge and skills needed to deliver practical forward looking cloud based solutions The AWS Certified Advanced Networking Official Study Guide Specialty Exam helps you learn what you need to take this next big step for your career   **Ethical Hacking Basics for New Coders: A Practical Guide with Examples** William E. Clark,2025-04-24 Ethical Hacking Basics for New Coders A Practical Guide with Examples offers a clear entry point into the world of cybersecurity for those starting their journey in technical fields This book addresses the essential principles of ethical hacking setting a strong foundation in both the theory and practical application of cybersecurity techniques Readers will learn to distinguish between ethical and malicious hacking understand critical legal and ethical considerations and acquire the mindset necessary for responsible vulnerability discovery and reporting Step by step the guide leads readers through the setup of secure lab environments the installation and use of vital security tools and the practical exploration of operating systems file systems and networks Emphasis is placed on building fundamental programming skills tailored for security work including the use of scripting and automation Chapters on web application security common vulnerabilities social engineering tactics and defensive coding practices ensure a thorough understanding of the most relevant threats and protections in modern computing Designed for beginners and early career professionals this resource provides detailed hands on exercises real world examples and actionable advice for building competence and confidence in ethical hacking It also includes guidance on career development professional certification and engaging with

the broader cybersecurity community By following this systematic and practical approach readers will develop the skills necessary to participate effectively and ethically in the rapidly evolving field of information security **Hands-On Cloud Administration in Azure** Mustafa Toroman,2018-10-23 Explore Azure services such as networking virtual machines web apps databases cloud migration and security Key FeaturesUnderstand Azure services to build deploy and manage workloads on cloudLearn in depth core Azure services and work through real world scenarios and case studiesA concise and practical guide for learning cloud administration on AzureBook Description Azure continues to dominate the public cloud market and grow rapidly thanks to a number of recent innovations Azure s wide range of services and support has led to a large number of customers switching to Azure cloud Hands On Cloud Administration in Azure starts with the basics of Azure cloud fundamentals and key concepts of the cloud computing ecosystem and services Then you will gradually get acquainted with core services provided by Azure including Azure VNet types and assignments of IP addresses and network security groups You will also work on creating and administering Azure Virtual Machines types of virtual machines VMs and design VM solutions based on computing workloads As you make your way through the chapters you will explore Azure App Service discover how to host your web apps in Azure and monitor and troubleshoot them In the concluding chapters you will learn more complex and abstract services such as Azure Storage Azure Backup and Azure Site Recovery You will also get to grips with Azure SQL Databases and the SQL on Azure VM concept By the end of this book you will have obtained practical experience of working with Azure services and Azure administration along with maintaining monitoring and securing your Azure resources What you will learnUnderstand the concepts of IaaS and PaaSLearn design patterns for Azure solutionsDesign data solutions in AzureExplore concepts of hybrid clouds with AzureImplement Azure Security in cloudCreate and manage Azure resources with script based toolsWho this book is for Hands On Cloud Administration in Azure is for system administrators cloud admins cloud engineers and DevOps engineers who are interested in understanding administration related services in Azure Prior experience of working with Azure is an added advantage

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