Windows Powershell In 24 Hours Sams Teach Yourself

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windows small business server 2008 provides all the tools small companies need to improve collaboration enhance productivity and manage and secure all their information in this book a team of leading sbs experts brings together the in depth knowledge and real world insights you need to make the most of this state of the art product microsoft most valuable professionals eriq neale and

his colleagues cover every facet of planning deploying and managing sbs 2008 the authors begin by showing how to install and configure sbs 2008 for maximum efficiency performance and ease of administration you ll learn how to securely utilize sbs 2008 s comprehensive internet file and print services simplify and automate both server and workstation management and take full advantage of both sharepoint collaboration and exchange communication tools this book is packed with expert tips tricks and troubleshooting techniques drawn from the authors unsurpassed experience helping companies succeed with sbs whether you re a full time it professional or a power user who s managing sbs in your spare time it will be your most valuable resource detailed information on how to plan install configure and customize sbs 2008 in any environment set up and manage sbs 2008 based networks access and collaboration including sharepoint services 3 0 leverage remote workplace and other advanced remote access solutions manage email and other communications with sbs 2008 s built in microsoft exchange server 2007 centrally control windows vista windows xp and other clients seamlessly integrate macintosh computers into your windows network protect your servers and workstations against both internal and external threats prepare backups and disaster recovery plans you can actually use in an emergency streamline and automate administration using microsoft powershell

in just 24 lessons of one hour or less sams teach yourself windows powershell in 24 hours helps you streamline all facets of windows administration supercharging your effectiveness as an it professional or power user this book s straightforward step by step approach shows you how to build and run scripts extend windows powershell reach manage computers remotely and automate a wide variety of tasks on any modern windows server or client every lesson builds on what you ve already learned giving you a rock solid foundation for real world success step by step instructions carefully walk you through the most common powershell scripting tasks practical hands on examples show you how to apply what you learn quizzes and exercises help you test your knowledge and stretch your skills notes tips and cautions point out shortcuts pitfalls and solutions learn how to install configure and explore windows powershell including updates for powershell 5 leverage net s remarkable power and scope with easy to use cmdlets build new scripts with the console ise visual tools and other popular hosts apply best practices for writing more reliable flexible team friendly scripts work effectively with the pipeline objects and data extend windows powershell reach via providers drives and output run external tools like ping ipconfig and tracert from within powershell remotely manage computers with basic and advanced remoting winrm wmi and regex configure windows devices across the web with pswa sort filter measure format export and convert script output run windows powershell flexibly using background and scheduled jobs customize your environment with profile scripts alternate credentials thirdparty tools and packages strengthen your control over windows systems and services with desired state configuration administer key tasks on sql server sharepoint and other windows servers master powershell skills needed to earn many microsoft certifications

proven best practices for success with every azure compute service compute services are key to most azure cloud solutions but

maximizing their value requires best practice planning design deployment and operations now leading consultant avinash valiramani presents expert guidance for driving maximum value from microsoft s portfolio of azure compute services for iaas paas and faas drawing on his extensive work with microsoft s azure teams he covers azure vms vm scale sets app services azure virtual desktops azure container instances azure functions azure batch and other compute services whatever your role in delivering efficient scalable compute services this deep dive will help you make the most of your azure investment leading azure consultant avinash valiramani shows how to dive deeply into the frequently used azure compute services to better understand how each service works walk through configuring each compute service and its related features and options size price and create azure vms and deliver the right levels of redundancy and availability use vm scale sets vmss to integrate vms with load balancing and autoscaling host web applications mobile app back ends and rest apis via azure app service run desktops as a service at scale with azure virtual desktop avd easily deploy containers on demand with azure container instances acis use serverless azure functions to build web apis process streams and manage message queues about this book for everyone interested in azure infrastructure including it cloud admins security specialists developers engineers and others at all levels of azure compute experience especially useful for experienced it pros in mid sized to large organizations who have deployed operated monitored upgraded migrated or designed infrastructure services

this title provides an understanding of the scripting languages that are in common use when developing tools for penetration testing and guides the reader through specific examples for custom tool development and the situations in which such tools might be used

this book is targeted for powershell beginners for microsoft 365 developers and handbook for microsoft 365 administrators sharing some useful powershell scripts for microsoft 365 as well frequently required general scripts also will help in preparing powershell interviews sharing around 100 powershell interviews questions you will understand got to know following features as you proceed with book 1 how to effectively use powershell while working on microsoft 365 azure 2 how to connect with various services of microsoft 365 using powershell a sharepoint online b microsoft teams c exchange online d power platform 3 some common issues and their solutions

powershell for beginners the ultimate beginners crash course to mastering the powershell command line quickly and easily are you ready to learn how to write clean efficient powershell scripts if so you ve come to the right place regardless of how little experience you may have learning to program is a fantastic still and if you re a newbie you ve ended up in the right place powershell is a fantastic first or second programming language to learn and master with the help of this book there s a ton of other technical guides out there that aren t clear and concise and in my opinion use far too much jargon my job is to teach you in simple easy to

follow terms how to get started and excel at powershell programming you ll find my personal notes and tips peppered throughout the book making it personal and easy to learn here s a preview of what powershell for beginners contains a step back into the history of powershell setting up the powershell playground getting ready to run customizing the shell online resources powershell versions and consoles explained discovering commands parameters strings essential powershell terminology working with powershell commands the piping function explained and much much more

cloud computing is the most significant technology transformation since the introduction of the internet in the early 1990s this book covers the key networking and system administration concepts as well as the vital hands on skills you need to master cloud technology it is designed to help you quickly get started in deploying cloud services for a real world business it provides detailed step by step instructions for creating a fully functioning cloud based it infrastructure using microsoft azure the book enhances your hands on skills through numerous lab activities

delivers the information you need to administer your windows 7 system you get authoritative technical guidance from those who know the technology best

thought provoking and accessible in approach this updated and expanded second edition of the windows powershell in 24 hours sams teach yourself provides a user friendly introduction to the subject taking a clear structural framework it guides the reader through the subject s core elements a flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts this succinct and enlightening overview is a required reading for advanced graduate level students we hope you find this book useful in shaping your future career feel free to send us your enquiries related to our publications to info risepress pw rise press

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a comprehensive hands on introduction to microsoft s version of python for the net framework the book shows how to use ironpython with c vb net and asp net applications readers will use ironpython as a windows scripting tool and see how it connects to powershell

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assistant powershell esx service console and third party tools building your own vsphere 4 lab performing more efficient installations and upgrades

an essential guide on the latest version of microsoft s server management tool microsoft s powerful mastering system center 2012 operations manager introduces many exciting new and enhanced feature sets that allow for large scale management of mission critical servers this comprehensive guide provides invaluable coverage to help organizations monitor their environments across computers network and storage infrastructures while maintaining efficient and effective service levels across their applications provides intermediate and advanced coverage of all aspects of systems center 2012 operations manager including designing planning deploying managing maintaining and scripting operations manager offers a hands on approach by providing many real world scenarios to show you how to use the tool in various contexts anchors conceptual explanations in practical application mastering system center 2012 operations manager clearly shows you how this powerful server management tool can best be used to serve your organization s needs

microsoft s sharepoint platform is a complex diverse technical tool designed to meet a range of business needs and uses it requires several other platforms and applications for implementation and it can be integrated with other external line of business applications this diversity also applies to the numerous methods tools and approaches that can be used to preserve your sharepoint farm if it becomes affected by a catastrophic event the majority of this book introduces you to those methods tools and approaches for backing up and restoring sharepoint after it covers all the crucial technical aspects of preserving sharepoint with the tools microsoft provides for it it introduces you to the key concepts and activities necessary to develop a disaster recovery plan to implement those technical practices

up to date strategies for thwarting the latest most insidious network attacks this fully updated industry standard security resource shows step by step how to fortify computer networks by learning and applying effective ethical hacking techniques based on curricula developed by the authors at major security conferences and colleges the book features actionable planning and analysis methods as well as practical steps for identifying and combating both targeted and opportunistic attacks gray hat hacking the ethical hacker s handbook sixth edition clearly explains the enemy s devious weapons skills and tactics and offers field tested remedies case studies and testing labs you will get complete coverage of internet of things mobile and cloud security along with penetration testing malware analysis and reverse engineering techniques state of the art malware ransomware and system exploits are thoroughly explained fully revised content includes 7 new chapters covering the latest threats includes proof of concept code stored on the github repository authors train attendees at major security conferences including rsa black hat defcon and besides

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