

Learn Windows Powershell In A Month Of Lunches

Learn PowerShell Scripting in a Month of Lunches, Second Edition
Learn PowerShell Scripting in a Month of Lunches
Learn PowerShell Toolmaking in a Month of Lunches
PowerShell: Automating Administrative Tasks
Learn PowerShell in a Month of Lunches, Fourth Edition
Learn PowerShell Scripting in a Month of Lunches
PowerShell in Depth
The PowerShell Scripting & Toolmaking Book
Learn Windows PowerShell in a Month of Lunches
Windows PowerShell in Action
Learn SQL Server Administration in a Month of Lunches
Learn Windows IIS in a Month of Lunches
Instant Windows PowerShell
Mastering Windows Server 2016
Mastering PowerShell Scripting
Learn Windows Powershell in a Month of Lunches
Microsoft Certified Exam guide - Azure Administrator Associate (AZ-104)
PowerShell in 7 Days
Cyber Operations
Learn Windows PowerShell in a Month of Lunches, Third Edition, Video Edition
James Petty Don Hicks Don Jones Michael Shepard James Petty Don Jones Don Jones Jeffery Hicks Don Jones Bruce Payette Don Jones Jason Helmick Vinith Menon Brian Svidergol Chris Dent Donald W. Jones Cybellium Liam Cleary Mike O'Leary Don Jones

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automate complex tasks and processes with powershell scripts this amazing book teaches you how to write test and organize high quality reusable scripts for windows linux and cloud based systems learn powershell scripting in a month of lunches second edition takes you beyond command line powershell and opens up the amazing world of scripting and automation in just 27 bite sized lessons you ll learn to write scripts that can eliminate repetitive manual tasks create custom reusable tools and build effective pipelines and workflows in learn powershell scripting in a month of lunches second edition you ll learn setting up a reliable scripting environment designing

functions and scripts effective pipeline usage scripting and security dealing with errors and bugs source control with git sharing and publishing scripts professional grade scripting practices the powershell language lets you write scripts to control nearly every aspect of windows just master a few straightforward scripting skills and you ll save yourself from hours of tedious tasks this revised second edition is fully updated to powershell s latest version including hands on examples that perfectly demonstrate modern powershell s cross platform applications about the technology you can write powershell scripts to automate nearly any admin task on windows linux and macos this book shows you how in just 27 short lessons you can complete on your lunch break you ll learn to create organize test and share scripts and tools that will save you hours of time in your daily work about the book learn powershell scripting in a month of lunches second edition is a hands on introduction to powershell automation and toolbuilding updated for the latest version of powershell this thoroughly revised bestseller teaches you how to write efficient scripts find and squash bugs and organize your tools into libraries along the way you ll even pick up tips for securing and managing linux and macos systems what s inside setting up a reliable scripting environment designing functions and scripts effective pipeline usage sharing and publishing scripts about the reader beginning to intermediate knowledge of powershell required about the author james petty is ceo of powershell org and the devops collective and a microsoft mvp don jones and jeffery hicks are the authors of the first edition of learn powershell scripting in a month of lunches table of contents part 1 1 before you begin 2 setting up your scripting environment 3 wwpd what would powershell do 4 review parameter binding and the powershell pipeline 5 scripting language a crash course 6 the many forms of scripting and which to choose 7 scripts and security part 2 8 always design first 9 avoiding bugs start with a command 10 building a basic function and script module 11 getting started with advanced functions 12 objects the best kind of output 13 using all the streams 14 simple help making a comment 15 errors and how to deal with them 16 filling out a manifest part 3 17 changing your brain when it comes to scripting 18 professional grade scripting 19 an introduction to source control with git 20 pestering your script 21 signing your script 22 publishing your script part 4 23 squashing bugs 24 enhancing script output presentation 25 wrapping up the net framework 26 storing data not in excel 27 never the end

discover how scripting is different from command line powershell as you explore concrete hands on examples in this handy guide the book includes and expands on many of the techniques presented in learn powershell toolmaking in a month of lunches about the technology automate it with microsoft s powershell language you can write scripts to control nearly every aspect of windows just master a few straightforward scripting skills and you ll be able to eliminate repetitive manual tasks create custom reusable tools and build effective pipelines and workflows once you start scripting in powershell you ll be amazed at how many opportunities you ll find to save time and effort about the book learn powershell scripting in a month of lunches teaches you how to expand your command line powershell skills into effective scripts and tools in 27 bite size lessons you ll discover instantly useful techniques for writing efficient code finding and squashing bugs organizing your scripts into libraries and much more

advanced scripters will even learn to access the net framework store data long term and create nice user interfaces what s inside designing functions and scripts effective pipeline usage dealing with errors and bugs professional grade scripting practices about the reader written for devs and it pros comfortable with powershell and windows about the authors don jones is a powershell mvp speaker and trainer who has written dozens of books on information technology topics jeffery hicks is a powershell mvp and an independent consultant trainer and author don and jeff coauthored manning s learn windows powershell in a month of lunches learn powershell toolmaking in a month of lunches and powershell in depth

written by powershell mvps offers practical real world examples teaches toolmaking from the ground up

learn powershell from the inside out right from basic scripting all the way to becoming a master at automating managing and maintaining your windows environment about this book use proven best practices to optimize code and automate redundant tasks get to grips with powershell s advanced functions and effectively administer your system create a variety of powershell scripts to automate your environment who this book is for if you are a system administrator who wants to become an expert in automating and managing your windows environment then this course is for you some basic understanding of powershell would be helpful what you will learn discover powershell commands and cmdlets and understand powershell formatting solve common problems using basic file input output functions use net classes in windows powershell and c and manage exchange online use powershell in c to manage exchange online and work with net classes in powershell automate lync clients consuming client side object models to administrate sharepoint online optimize code through the use of functions switches and looping structures manage files folders and registries through the use of powershell discover best practices to manage microsoft systems in detail are you tired of managing windows administrative tasks manually and are looking to automate the entire process if yes then this is the right course for you this learning path starts your powershell journey and will help you automate the administration of the windows operating system and applications that run on windows it will get you up and running with powershell taking you from the basics of installation to writing scripts and performing web server automation you will explore the powershell environment and discover how to use cmdlets functions and scripts to automate windows systems the next installment of the course focuses on gaining concrete knowledge of windows powershell scripting to perform professional level scripting the techniques here are packed with powershell scripts and sample c code to automate tasks you will use net classes in powershell and c to manage exchange online in the final section you will delve into real world examples to learn how to simplify the management of your windows environment you will get to grips with powershell s advanced functions and how to most effectively administer your system this learning path combines some of the best that packt has to offer in one complete curated package it includes content from the following packt products getting started with powershell by michael shepard windows powershell for net developers second edition by chendrayan venkatesan and sherif talaat mastering windows powershell scripting by brenton j w blawat style and approach this is a step by step course to help

you effectively administer and maintain your development environment with powershell

learn powershell in a month of lunches fourth edition is a task focused guide for administering your systems using powershell it covers core language features and admin tasks with each chapter a mini tutorial you can easily complete in under an hour discover how powershell works on different operating systems and start automating tasks so they take just a few seconds to complete no previous scripting experience required publisher s description

summary discover how scripting is different from command line powershell as you explore concrete hands on examples in this handy guide the book includes and expands on many of the techniques presented in learn powershell toolmaking in a month of lunches purchase of the print book includes a free ebook in pdf kindle and epub formats from manning publications about the technology automate it with microsoft s powershell language you can write scripts to control nearly every aspect of windows just master a few straightforward scripting skills and you ll be able to eliminate repetitive manual tasks create custom reusable tools and build effective pipelines and workflows once you start scripting in powershell you ll be amazed at how many opportunities you ll find to save time and effort about the book learn powershell scripting in a month of lunches teaches you how to expand your command line powershell skills into effective scripts and tools in 27 bite size lessons you ll discover instantly useful techniques for writing efficient code finding and squashing bugs organizing your scripts into libraries and much more advanced scripters will even learn to access the net framework store data long term and create nice user interfaces what s inside designing functions and scripts effective pipeline usage dealing with errors and bugs professional grade scripting practices about the reader written for devs and it pros comfortable with powershell and windows about the authors don jones is a powershell mvp speaker and trainer who has written dozens of books on information technology topics jeffery hicks is a powershell mvp and an independent consultant trainer and author don and jeff coauthored manning s learn windows powershell in a month of lunches learn powershell toolmaking in a month of lunches and powershell in depth table of contents part 1 introduction to scripting before you begin setting up your scripting environment wwpd what would powershell do review parameter binding and the powershell pipeline scripting language crash course the many forms of scripting and which to use scripts and security part 2 building a powershell script always design first avoiding bugs start with a command building a basic function and script module going advanced with your function objects the best kind of output using all the pipelines simple help making a comment dealing with errors filling out a manifest part 3 grown up scripting changing your brain when it comes to scripting professional grade scripting an introduction to source control with git pestering your script signing your script publishing your script part 4 advanced techniques squashing bugs making script output prettier wrapping up the net framework storing data not in excel never the end

summary powershell in depth second edition is the go to reference for administrators working with windows powershell every major technique technology and tactic is

carefully explained and demonstrated providing a hands on guide to almost everything an admin would do in the shell written by three experienced authors and powershell mvps this is the powershell book you ll keep next to your monitor not on your bookshelf purchase of the print book includes a free ebook in pdf kindle and epub formats from manning publications about the book a windows admin using powershell every day may not have the time to search the net every time he or she hits a snag wouldn t it be great to have a team of seasoned powershell experts ready to answer even the toughest questions that s what you get with this book powershell in depth second edition is the go to reference for administrators working with windows powershell every major technique technology and tactic is carefully explained and demonstrated providing a hands on guide to almost everything an admin would do in the shell written by powershell mvps don jones jeffrey hicks and richard siddaway each valuable technique was developed and thoroughly tested so you ll be able to consistently write production quality maintainable scripts while saving hours of time and effort this book assumes you know the basics of powershell what s inside automating tasks packaging and deploying scripts introduction to desired state configuration powershell security covers powershell version 3 and later about the authors don jones jeffery hicks and richard siddaway are microsoft mvps trainers and administrators collectively they ve authored nearly three dozen books on powershell and windows administration table of contents part 1 powershell fundamentals introduction powershell hosts using the powershell help system the basics of powershell syntax working with pssnapins and modules operators working with objects the powershell pipeline formatting part 2 powershell management powershell remoting background jobs and scheduling working with credentials regular expressions working with html and xml data psdrives and psproviders variables arrays hash tables and script blocks powershell security advanced powershell syntax part 3 powershell scripting and automation powershell s scripting language basic scripts and functions creating objects for output scope powershell workflows advanced syntax for scripts and functions script modules and manifest modules custom formatting views custom type extensions data language and internationalization writing help error handling techniques debugging tools and techniques functions that work like cmdlets tips and tricks for creating reports part 4 advanced powershell working with the component object model com working with net framework objects accessing databases proxy functions building a gui wmi and cim working with the web desired state configuration

veteran powershell experts and authors don jones and jeffery hicks bring you a newly updated book on powershell scripting and toolmaking written in their inimitable approachable style with plenty of examples this book focuses on an all new narrative based on their teaching experiences since 2010 you ll not only learn how to script in powershell you ll learn the far more important patterns and practices that will enable you to create reusable tools that look and work like native powershell commands you ll also learn a world of related topics including how to add database access to your tools how to publish to public and private repositories and even an introduction to key topics like pester testing thousands of it professionals have after experiencing don jeff s classes and books remarked that now i need to go home and rewrite everything i ve done that s what this book will do for you change the way you think about coding in powershell you ll find yourself producing more efficient more reusable tools more

easily and more quickly you'll cement a deep understanding of not only how powershell works but why it works that way helping you make better script design decisions and helping you execute better powershell tools from now on this book is very much part 3 in don and jeff's approach to teaching powershell part 1 is their bestselling learn windows powershell in a month of lunches manning the pre-scripting powershell book that covers the shell's inner workings core patterns and basic usage part 2 is powershell scripting in a month of lunches which covers the entry level aspects of scripting including the foundational narrative of the right way to build functions and tools this book picks up where they leave off providing a rapid rundown of that right way and quickly moving into more grown up scripting techniques advanced approaches data handling and a lot more applies to many versions of powershell if you're using powershell v4 v5 v5.1 or powershell 7 you'll find everything in this book is applicable to you in some form or another although in powershell core or powershell 7 any windows specific examples may not be functional now covers pester take your scripting to the next level by incorporating professional unit testing using the ubiquitous pester testing framework for powershell a whole new section of this book covers everything you'll need to know to get started hands on labs you'll even find review questions and hands on labs complete with sample solutions along with a short lab setup guide these features will help you practice what you're learning and make the book suitable for use in classroom settings we recommend contacting the authors for an inexpensive site license if you're a training center we also provide slide decks delivery guides and other materials as part of a training center or trainer license this second edition is a snapshot of our forever edition live book and it's the perfect way to get a canonical hardcopy that represents a consistent aligned point in time note that any printed forever edition copies you may run across are not authorized by the authors

superb full of real world examples this book is an IT specialist's best friend olivier deveault voxco group learn windows powershell in a month of lunches third edition is an innovative tutorial designed for busy IT professionals this updated edition covers powershell features that run on windows 7 windows server 2008 R2 and later powershell v3 and later and includes v5 features like powershellget powershell is both a scripting language and an administrative shell that lets you control and automate nearly every aspect of windows it accepts and executes commands interactively and you can write scripts to manage most windows servers like exchange IIS and sharepoint as well as online services like azure and office 365 learn windows powershell in a month of lunches third edition is an innovative tutorial designed for busy IT professionals just set aside one hour a day lunchtime would be perfect for a month and you'll be automating windows tasks faster than you ever thought possible this updated edition covers powershell features that run on windows 7 windows server 2008 R2 and later powershell v3 and later and includes v5 features like powershellget inside learn powershell from the beginning no experience required covers powershell v3 and up windows 7 and windows server 2008 R2 and later each lesson takes you an hour or less experience with windows administration is helpful no programming or scripting experience needed veteran powershell MVPs don jones and jeffery hicks bring years as successful trainers to this concise easy to follow book course your key to learning windows powershell noreen dertinger dertinger informatics a must have both novice and

expert will benefit from this book tiklu ganguly mazik global learn powershell fundamentals from the experts james berkenbile berkenbile consulting narrated by lou fernandez

a guide to using windows powershell to script windows administrative tasks and control windows from the command line

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learning to manage it effectively means you can keep your systems running smoothly and go home on time learn windows iis in a month of lunches is an innovative tutorial designed for busy administrators follow the crisp explanations examples and exercises in this concise easy to read book and you ll be managing securing and automating iis faster than you thought possible you ll start with iis fundamentals and then systematically explore web farm design website management and high availability along with practices to keep your exchange sharepoint system center and lync servers running smoothly written for anyone who needs to manage iis whether you re an it pro or a reluctant administrator purchase of the print book includes a free ebook in pdf kindle and epub formats from manning publications what s inside 24 bite sized lessons with practice examples high value troubleshooting techniques no previous iis experience assumed about the authorjason helmick is a professional trainer and consultant specializing in active directory and iis he s the founder of the arizona powershell user group table of contents before you begin deploying the web server exploring and launching a website managing application pools adding more websites to your server what every administrator should know about web applications securing your sites and web applications securing the server protecting data with certificates ftp and smtp with iis sharing administrative responsibilities through remote management optimizing sites for users and search engines building a web farm with microsoft network load balancing building a web farm with application request routing high availability for arr using microsoft nlb sharing content and configuration to the web farm sharing iis configurations for a web farm using the central certificate store for certificate management farm provisioning with the farm framework disaster recovery for iis the final exam never the end iis powershell cheat sheet lab setup guide

get to grips with a new technology understand what it is and what it can do for you and then get to work with the most important features and tasks a practical hands on tutorial approach that explores the concepts of powershell in a friendly manner taking an adhoc approach to each topic if you are an administrator who is new to powershell or are looking to get a good grounding in these new features this book is ideal for you it s assumed that you will have some experience in powershell and windows server as well being familiar with the powershell command line

the it pro s must have guide to windows server 2016 mastering windows server 2016 is a complete resource for it professionals needing to get quickly up to date on the latest release designed to provide comprehensive information in the context of real world usage this book offers expert guidance through the new tools and features to help you get windows server 2016 up and running quickly straightforward discussion covers all aspects including virtualization products identity and access automation networking security storage and more with clear explanations and immediately applicable instruction find the answers you need and explore new solutions as microsoft increases their focus on security software defined infrastructure and the cloud new capabilities including containers and nano server shielded vms failover clustering powershell and more give you plenty of tools to become more efficient more effective and more productive windows server 2016 is the ideal server for windows 10 clients

and is loaded with new features that it professionals need to know this book provides a comprehensive resource grounded in real world application to help you get up to speed quickly master the latest features of windows server 2016 apply new tools in real world scenarios explore new capabilities in security networking and the cloud gain expert guidance on all aspect of windows server 2016 migration and management system administrators tasked with upgrading migrating or managing windows server 2016 need a one stop resource to help them get the job done mastering windows server 2016 has the answers you need the practicality you seek and the latest information to get you up to speed quickly

this complete guide takes you on a tour of powershell from the basics to its advanced functionality helping you automate your tedious and time consuming system admin tasks key features automate complex tasks manipulate data and secure your environment work with dual code for powershell 7 and windows powershell to maintain compatibility with older versions see powershell in action from learning the fundamentals to creating classes scripts and modules book descriptionpowershell scripts offer a convenient way to automate various tasks but working with them can be daunting mastering powershell scripting takes away the fear and helps you navigate through powershell s capabilities this extensively revised edition includes new chapters on debugging and troubleshooting and creating guis online chapter learn the new features of powershell 7 1 by working with parameters objects and net classes from within powershell 7 1 this comprehensive guide starts with the basics before moving on to advanced topics including asynchronous processing desired state configuration using more complex scripts and filters debugging issues and error handling techniques explore how to efficiently manage substantial amounts of data and interact with other services using powershell 7 1 this book will help you to make the most of powershell s automation features using different methods to parse data manipulate regular expressions and work with windows management instrumentation wmi what you will learn optimize code with functions switches and looping structures test and debug your scripts as well as raising and catching errors work with objects and operators to test and manipulate data parse and manipulate different data types use jobs runspaces and runspace pools to run code asynchronously write net classes with ease within powershell create and implement regular expressions in powershell scripts make use of advanced techniques to define and restrict the behavior of parameters who this book is for this book is for system administrators who want to automate and speed up their processes using powershell and windows powershell you ll need to know the basics of operating systems but beginners with no prior experience with powershell will have no trouble following along

powershell provides a single unified administrative command line from which to control and automate virtually every aspect of a windows system it accepts and executes commands immediately and scripts can be written to manage most windows servers like exchange iis and sharepoint this updated book covers powershell features that run on windows 7 windows server 2008 r2 and later this edition is appropriate for powershell version 3 and later there is coverage for new powershell version 5 features like powershellget however powershell fundamentals are unchanged learn windows powershell in a month of lunches third edition is an innovative tutorial designed for

busy it professionals with just one hour a day for a month readers will be automating windows tasks faster than they ever thought possible they start with the basics what is powershell and what can be done with it then it moves systematically through the techniques and features that facilitate efficient and effective results purchase of the print book includes a free ebook in pdf kindle and epub formats from manning publications

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unlock the power of automation master powershell in just 7 days key features effortlessly navigate powershell s syntax and command structure master creating scripts and functions for efficient automation learn practical solutions for local and remote data management description powershell in 7 days covers the fundamentals of powershell its syntax and its scripting capabilities concisely yet comprehensively it is a practical toolkit that empowers busy it professionals to become proficient powershell users you can become capable of automating tasks and managing systems more efficiently within a week examine its history versions and various use cases before examining installation options for different platforms master modules providers commands and pipelines to craft efficient scripts build reusable functions control script flow with looping and error handling and create scripts with diverse outputs use powershell remoting to manage systems remotely manage on premises services like active directory and optimize performance by troubleshooting common issues finally explore advanced functionalities like security best practices and signing scripts for confident use by the end of the book readers will have a solid understanding of working with both local and remote data troubleshooting common issues using powershell

and writing scripts that save time and enhance productivity readers can transform their approach to tasks and challenges in their job roles optimizing processes and deploying solutions quickly and effectively what you will learn master the basics of powershell syntax and command execution develop custom scripts for automation and system tasks efficiently manage and manipulate both local and remote data apply powershell for effective troubleshooting and problem solving in real world scenarios create advanced functions to streamline daily it operations who this book is for this book is ideal for it professionals system administrators and tech enthusiasts keen on learning powershell basic familiarity with windows operating systems and a keen interest in automation and scripting are recommended for readers table of contents 1 introducing powershell 2 setting up powershell 3 getting started with modules and providers 4 executing powershell commands 5 working with variables and pipelines 6 deep diving powershell objects 7 using functions and parameters 8 flow control looping and error handling 9 scripts for multiple output paths 10 powershell remoting winrm and the invoke comma 11 managing on premises services 12 troubleshooting windows and performance optimization 13 miscellaneous powershell capabilities

know how to set up defend and attack computer networks with this revised and expanded second edition you will learn to configure your network from the ground up beginning with developing your own private virtual test environment then setting up your own dns server and ad infrastructure you will continue with more advanced network services web servers and database servers and you will end by building your own web applications servers including wordpress and joomla systems from 2011 through 2017 are covered including windows 7 windows 8 windows 10 windows server 2012 and windows server 2016 as well as a range of linux distributions including ubuntu centos mint and opensuse key defensive techniques are integrated throughout and you will develop situational awareness of your network and build a complete defensive infrastructure including log servers network firewalls web application firewalls and intrusion detection systems of course you cannot truly understand how to defend a network if you do not know how to attack it so you will attack your test systems in a variety of ways you will learn about metasploit browser attacks privilege escalation pass the hash attacks malware man in the middle attacks database attacks and web application attacks what you ll learn construct a testing laboratory to experiment with software and attack techniques build realistic networks that include active directory file servers databases web servers and web applications such as wordpress and joomla manage networks remotely with tools including powershell wmi and winrm use offensive tools such as metasploit mimikatz veil burp suite and john the ripper exploit networks starting from malware and initial intrusion to privilege escalation through password cracking and persistence mechanisms defend networks by developing operational awareness using auditd and sysmon to analyze logs and deploying defensive tools such as the snort intrusion detection system ipfire firewalls and modsecurity web application firewalls who this book is for this study guide is intended for everyone involved in or interested in cybersecurity operations e g cybersecurity professionals it professionals business professionals and students

superb full of real world examples this book is an it specialist s best friend olivier deveault voxco group learn windows powershell in a month of lunches third edition is an

innovative tutorial designed for busy it professionals this updated edition covers powershell features that run on windows 7 windows server 2008 r2 and later powershell v3 and later and includes v5 features like powershellget powershell is both a scripting language and an administrative shell that lets you control and automate nearly every aspect of windows it accepts and executes commands interactively and you can write scripts to manage most windows servers like exchange iis and sharepoint as well as online services like azure and office 365 learn windows powershell in a month of lunches third edition is an innovative tutorial designed for busy it professionals just set aside one hour a day lunchtime would be perfect for a month and you ll be automating windows tasks faster than you ever thought possible this updated edition covers powershell features that run on windows 7 windows server 2008 r2 and later powershell v3 and later and includes v5 features like powershellget inside learn powershell from the beginning no experience required covers powershell v3 and up windows 7 and windows server 2008 r2 and later each lesson takes you an hour or less experience with windows administration is helpful no programming or scripting experience needed veteran powershell mvps don jones and jeffery hicks bring years as successful trainers to this concise easy to follow book course your key to learning windows powershell noleen dertinger dertinger informatics a must have both novice and expert will benefit from this book tiklu ganguly mazik global learn powershell fundamentals from the experts james berkenbile berkenbile consulting narrated by lou fernandez

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