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# Powershell 101 A Quick Start Guide To

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Azure Stack Hub Demystified  
Microsoft Hyper-V PowerShell Automation  
Amazon Fargate Quick Start Guide  
Mastering Windows Server 2016 Hyper-V  
Exam 98-349 MTA Windows Operating System Fundamentals  
Microsoft Hybrid Cloud Unleashed with Azure Stack and Azure  
Windows PowerShell Cookbook  
Learn PowerShell Scripting in a Month of Lunches  
Exam Ref MD-101 Managing Modern Desktops  
MCSA Guide to Installation, Storage, and Compute with Microsoft Windows  
Server2016, Exam 70-740  
Windows Server 2012: Up and Running  
Azure PowerShell Quick Start Guide  
Untold Secret of Google Hacks  
Exam Ref 70-533 Implementing Microsoft Azure Infrastructure Solutions  
Windows PowerShell 3.0 First Steps  
Windows Azure Mobile Services  
Programming Microsoft Azure Service Fabric  
Windows PowerShell Step by Step  
Docker Quick Start Guide  
Pro SQL Server 2008 Policy-Based Management  
Microsoft Windows Server 2012 Inside Out  
Learn Windows PowerShell 3 in a Month of Lunches  
MCSA Windows Server 2016 Certification Guide: Exam 70-741  
Microsoft Exchange Server 2007: Tony Redmond's Guide to Successful  
Implementation  
Exam Ref AZ-103 Microsoft Azure Administrator  
Windows Server 2012 Inside Out  
PowerShell Deep Dives  
Windows Server 2019 & PowerShell All-in-One For Dummies  
Azure Strategy and Implementation Guide  
Exam Ref 70-532 Developing Microsoft Azure Solutions  
From IT Pro to Cloud Pro Microsoft Office 365 and SharePoint Online  
MCSA 70-741 Cert Guide  
Getting Started with PowerShell  
Automating SharePoint 2010 with Windows PowerShell 2.0  
Visio Services Quick Guide  
The Pester Book  
Learning Microsoft Azure Storage  
Windows PowerShell Scripting 101

## Microsoft Exam MD-100 Windows 10 Certification Guide

*Powershell 101  
A Quick Start  
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#### Azure Stack Hub Demystified

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Windows PowerShell is a shell that Microsoft initially developed for task automation and configuration management purposes. PowerShell is now an open source project and can be installed on platforms running Windows, MacOS, and Linux. This shell is based on the .NET framework and includes a scripting language and a command-line shell. It brings many benefits to power-users and IT professionals. However, casual users can benefit from using it too. The knowledge and skills that you gain from this book can allow you to grasp the basics of windows Powershell scripting. THIS GUIDE contains chapters on... HISTORY OF POWERSHELL LEARNING POWERSHELL FROM THE START WHAT IS POWERSHELL ISE THE DIFFERENCE BETWEEN POWERSHELL AND CMD POWERSHELL PROVIDERS AND MODULES WHAT

MAKES A POWERSHELL OBJECT? OTHER POWERSHELL COMMANDS UNDERSTANDING OF POWERSHELL FOREACH LOOP AND FOREACH-OBJECT WINDOWS POWERSHELL PROVIDERS. For the benefits of this book, buy it right now [Microsoft Hyper-V PowerShell Automation](#) Packt Publishing Ltd Learn Pester, the unit testing framework for PowerShell! Now bundled with the Windows operating system, Pester is an open-source framework for building automated tests for your PowerShell code. PowerShell MVPs Don Jones and Adam Bertram combine deep expertise and production experience to cover not only Pester's syntax, but numerous walkthroughs and case studies. This concise, yet in-depth guide will have you "up and testing" in no time. [Amazon Fargate Quick Start Guide](#) Packt Publishing Ltd This book gets you started and gives you knowledge about AWS Fargate in order to successfully incorporate it in your ECS container application. Key Features Gives you a quick walk-through over

the Amazon Elastic Container Services (ECS) Provides an in depth knowledge of the components that Amazon Fargate has to offer. Learn the practical aspects of Docker application development with a managed service [Book Description Amazon Fargate](#) is new launch type for the Amazon Elastic Container Service (ECS). ECS is an AWS service for Docker container orchestration. Docker is the de facto containerization framework and has revolutionized packaging and deployment of software. The introduction of Fargate has made the ECS platform serverless. The book takes you through how Amazon Fargate runs ECS services composed of tasks and Docker containers and exposes the containers to the user. Fargate has simplified the ECS platform. We will learn how Fargate creates an Elastic Network Interface (ENI) for each task and how auto scaling can be enabled for ECS tasks. You will also learn about using an IAM policy to download Docker images and send logs to CloudWatch. Finally, by

the end of this book, you will have learned about how to use ECS CLI to create an ECS cluster and deploy tasks with Docker Compose. What you will learn Running Docker containers with a managed service Use Amazon ECS in Fargate launch mode Configure CloudWatch Logging with Fargate Use an IAM Role with Fargate Understand how ECS CLI is used with Fargate Learn how to use an Application Load Balancer with Fargate Learn about Auto Scaling with Fargate Who this book is for This book is for Docker users and developers who want to learn about the Fargate platform. Typical job roles for which the book is suitable are DevOps Architect, Docker Engineer, and AWS Cloud Engineer. Prior knowledge of AWS and ECS is helpful but not mandatory.

### **Mastering Windows Server 2016 Hyper-V**

"O'Reilly Media, Inc." Build, operate, and orchestrate scalable microservices applications in the cloud This book combines a comprehensive guide to success with Microsoft Azure Service Fabric and a practical catalog of design patterns and best practices for

microservices design, implementation, and operation. Haishi Bai brings together all the information you'll need to deliver scalable and reliable distributed microservices applications on Service Fabric. He thoroughly covers the crucial DevOps aspects of utilizing Service Fabric, reviews its interactions with key cloud-based services, and introduces essential service integration mechanisms such as messaging systems and reactive systems. Leading Microsoft Azure expert Haishi Bai shows how to: Set up your Service Fabric development environment Program and deploy Service Fabric applications to a local or a cloud-based cluster Compare and use stateful services, stateless services, and the actor model Design Service Fabric applications to maximize availability, reliability, and scalability Improve management efficiency via scripting Configure network security and other advanced cluster settings Collect diagnostic data, and use Azure Operational Management Suite to interpret it Integrate microservices components developed in

parallel Use containers to mobilize applications for failover, replication, scaling, and load balancing Streamline containerization with Docker in Linux and Windows environments Orchestrate containers to schedule workloads and maintain services at desired states Implement proven design patterns for common cloud application workloads Balance throughput, latency, scalability, and cost **Exam 98-349 MTA Windows Operating System Fundamentals** Packt Publishing Ltd Deploy, configure, administer, and run Microsoft Azure Stack Hub Key Features Understand the topics required for the Microsoft Azure AZ-600 exam Configure and provide services from Microsoft Azure Stack Hub Implement data center integration with Microsoft Azure Stack Hub Book Description Azure Stack Hub is the on-premise offering from Microsoft, which provides Azure Cloud services within a customer's own data center. It provides consistent processes between on-site and the cloud, allowing developers to test locally and deploy to the cloud in exactly the same manner. Azure

Stack Hub Demystified provides complete coverage of deploying, configuring, administrating, and running Microsoft Azure Stack Hub efficiently. Firstly, you will learn how to deploy Azure Stack Hub within an organization. As you progress, you'll understand configuration and the different services provided by the platform. The book also focuses on the underlying architecture and connectivity options for the modern data center. Later, you will understand various approaches to DevOps and their implementation, and learn key topics for the AZ-600 exam. By the end of this Azure book, you will have a thorough understanding of Azure Stack Hub and the services that are provided by the platform, along with the confidence and information you need to be able to pass the AZ-600 exam. What you will learn

Understand the architecture of Azure Stack Hub  
Get up to speed with the management and administration of Azure Stack Hub  
Explore how to administer virtual networking within your Azure Stack  
Become well versed in using the Azure Stack Hub support model and updating Azure Stack

Hub  
Understand how licensing and billing is done with Azure Stack Hub  
Discover the tools that can be used to implement security within Azure Stack Hub  
Focus on how DevOps practices can be incorporated with Azure Stack Hub  
Who this book is for  
If you are an Azure Administrator and Azure Stack Hub Operator who provides or is looking to provide cloud services to end users or customers within their own data center, then this book is for you. This book will also be beneficial to those who are preparing for Exam AZ-600: Configuring and Operating a Hybrid Cloud with Microsoft Azure Stack Hub.

[Microsoft Hybrid Cloud Unleashed with Azure Stack and Azure](#) Keyko Books

The Microsoft Technology Associate certification (MTA) curriculum helps instructors teach and validate fundamental technology concepts with a foundation for students' careers as well as the confidence they need to succeed in advanced studies. Through the use of MOAC MTA titles you can help ensure your students future success in and out of the classroom. This MTA text covers the following Windows

Operating System vital fundamental skills:

- Understanding Operating System Configurations
- Installing and Upgrading Client Systems
- Managing Applications, Managing Files and Folders
- Managing Devices
- Understanding Operating System Maintenance.

Click here to learn more about Microsoft Technology Associate, (MTA) a new and innovative certification track designed to provide a pathway for future success in technology courses and careers.

**Windows PowerShell Cookbook** "O'Reilly Media, Inc."

Presents a guide on how to use Windows PowerShell to script Windows administrative tasks and control Windows from the command line.

*Learn PowerShell Scripting in a Month of Lunches* Packt Publishing Ltd

Pro SQL Server 2008 Policy-Based Management is critical for database administrators seeking in-depth knowledge on administering servers using the new policy-based management features introduced in SQL Server 2008. This book will cover everything

from a basic introduction to policy-based management to creating your own custom policies to enforce consistent rules across your organization. Provides in-depth treatment of policy-based management in a single source Provides practical usage scenarios for policy-based management Provides guidance to help meet growing regulatory compliance needs  
 Microsoft Press  
 Prepare for Microsoft Exam 70-532—and help demonstrate your real-world mastery of the skills needed to develop Microsoft Azure solutions. Designed for experienced IT professionals ready to advance their status, Exam Ref focuses on the critical thinking and decision-making acumen needed for job success. Focus on the expertise measured by these objectives: Create and manage Azure Resource Manager Virtual Machines Design and implement a storage and data strategy Manage identity, application, and network services Design and implement Azure PaaS compute, web, and mobile services This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if

scenarios to challenge you Assumes you have experience designing, programming, implementing, automating, and monitoring Microsoft Azure solutions, and are proficient with tools, techniques, and approaches for building scalable, resilient solutions About the Exam Exam 70-532 focuses on skills and knowledge for building highly available solutions in the Microsoft Azure cloud. About Microsoft Certification This exam is for candidates who are experienced in designing, programming, implementing, automating, and monitoring Microsoft Azure solutions. Candidates are also proficient with development tools, techniques, and approaches used to build scalable and resilient solutions. See full details at: [microsoft.com/learning](https://microsoft.com/learning)  
**Exam Ref MD-101 Managing Modern Desktops** Apress  
 Get started with this powerful Windows administration tool Automate Windows administration tasks with ease by learning the fundamentals of Windows PowerShell 3.0. Led by a

Windows PowerShell expert, you'll learn must-know concepts and techniques through easy-to-follow explanations, examples, and exercises. Once you complete this practical introduction, you can go deeper into the Windows PowerShell command line interface and scripting language with Windows PowerShell 3.0 Step by Step. Discover how to: Create effective Windows PowerShell commands with one line of code Apply Windows PowerShell commands across several Windows platforms Identify missing hotfixes and service packs with a single command Sort, group, and filter data using the Windows PowerShell pipeline Create users, groups, and organizational units in Active Directory Add computers to a domain or workgroup with a single line of code Run Windows PowerShell commands on multiple remote computers Unleash the power of scripting with Windows Management Instrumentation (WMI)  
**MCSA Guide to Installation, Storage, and Compute with Microsoft Windows Server 2016, Exam 70-740** Packt Publishing Ltd  
 Your hands-on guide to

Windows PowerShell scripting fundamentals Expand your expertise-- and teach yourself the fundamentals of Windows PowerShell scripting, including features available in Windows PowerShell 5. If you are an IT professional, power user, or consultant, you'll get the guidance, exercises, and code you need to master core techniques for automating Windows setup, deployment, and management. Discover how to: Run cmdlets and command-line utilities Administer Windows-based servers and desktops with built-in cmdlets Use providers to access external information Write and run scripts from the Windows ISE Create functions that are easy to maintain Build standardized environments with profiles Automate Windows systems with WMI, CIM cmdlets, and remoting Automate Active Directory Domain Services (AD DS) Debug scripts and handle errors Run commands that survive interruptions Use Desired State Configuration (DSC) to manage software services and their environments Get powerful new modules from PowerShell Gallery

About You This book is for: IT professionals and power users who want to get productive with Windows PowerShell, including new features in Windows PowerShell 5 Windows system administrators who want to be more efficient and productive Anyone pursuing Windows PowerShell certifications No experience with Windows PowerShell or other scripting technologies necessary **Windows Server 2012: Up and Running** Simon and Schuster In this fast-paced 100-page guide, you'll learn to load, display and interact with dynamic, data-powered Visio diagrams in SharePoint 2013 or Office 365. Visio Services Quick Guide gives you the tools to build anything from a simple project workflow to an organizational infrastructure diagram, powered by real data from SharePoint or SQL Server. Colleagues can load your diagrams entirely in the browser, meaning that a single Visio client installation is enough to get started. Readers with JavaScript experience will also find out how to get additional control over Visio diagrams using the JavaScript mashup API, and how to build a custom

data provider. The final chapter covers some useful information on administering Visio Services. Get started bringing your Visio diagrams to life with the Visio Services Quick Guide. *Azure PowerShell Quick Start Guide* Createspace Independent Publishing Platform An administrator's guide to deploying, configuring, securing, managing, and monitoring devices and client applications in an enterprise environment and passing Exam MD-100: Windows 10 easily Key Features Equip yourself to earn the Microsoft 365 Certified: Modern Desktop Administrator Associate certification Develop the skills needed to pass the Exam MD-100 and advance in your organization Learn to install Windows 10 operating systems and deploy and manage modern desktops and devices Book Description Microsoft Exam MD-100 Windows 10 Certification Guide offers complete, up-to-date coverage of the MD-100 exam, helping you take the exam with confidence, fully equipped to pass on the first attempt. Complete with a clear, succinct

explanation of key concepts, self-assessment questions, tips, and mock exams with detailed answers, this MD-100 study guide covers different facets of upgrading and deploying Windows 10. You'll learn how to manage devices and data, configure connectivity, troubleshoot OS and app problems, and secure and maintain Windows 10 with updates and recovery. You'll also explore different Windows 10 editions and learn how to choose the best fit for your organization. This book will guide you in installing and configuring Windows 10 using different approaches. As you advance, you'll get to grips with managing local users and groups in Windows 10 and learn how to establish connections via different networks, such as a LAN and WLAN/Wi-Fi. By the end of this book, you'll have covered everything you need to pass the MD-100 certification exam and become a Microsoft 365 Certified: Modern Desktop Administrator Associate. What you will learn Deploy Windows 10 in a variety of ways Manage local users, groups, and devices Configure networking and remote

connectivity Gain insights into Windows 10 maintenance Customize different Windows 10 features Become an expert at troubleshooting and recovery Get to grips with managing log files Monitor and manage Windows security Who this book is for This book is for both experienced and novice IT administrators who work with deploying, configuring, securing, and monitoring devices. Anyone with a working knowledge of managing identity, access, policies, updates, and apps can take this exam. Although not necessary, experience with Microsoft 365 workloads, Windows 10 devices, and non-Windows devices will be helpful.

**Untold Secret of Google Hacks** Microsoft Press  
Microsoft Exchange Server 2007 marks the biggest advancement in the history of the Exchange Product group. The completely re-engineered server system will change the face of how IT administrators approach Exchange. Tony Redmond, one of the world's most acclaimed Exchange experts, offers insider insight from the very basics of the newly transformed architecture

to understanding the nuances of the new and improved Microsoft Management Console (MMC) 3.0 and the two new administrative interfaces—the Exchange Management Console (EMC) and the Exchange Management Shell (EMS). How Exchange works with Active Directory How the new management model works How to use the Exchange Management Shell to automate administrative operations How Outlook, Outlook Web Access, and Windows Mobile clients work with Exchange How Exchange 2007 message routing differs from previous versions How to help your users to use Exchange intelligently How to select hardware for Exchange 2007  
[Exam Ref 70-533 Implementing Microsoft Azure Infrastructure Solutions](#) Sams Publishing  
Prepare for Microsoft Exam MD-101—and help demonstrate your real-world mastery of skills and knowledge required to manage modern Windows 10 desktops. Designed for Windows administrators, Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the Microsoft Certified

Associate level. Focus on the expertise measured by these objectives: Deploy and update operating systems; Manage policies and profiles; Manage and protect devices; Manage apps and data. This Microsoft Exam Ref: Organizes its coverage by exam objectives. Features strategic, what-if scenarios to challenge you. Assumes you have experience deploying, configuring, securing, managing, and monitoring devices and client applications in an enterprise environment. About the Exam Exam MD-101 focuses on knowledge needed to plan and implement Windows 10 with dynamic deployment or Windows Autopilot; upgrade devices to Windows 10; manage updates and device authentication; plan and implement co-management; implement conditional access and compliance policies; configure device profiles; manage user profiles; manage Windows Defender; manage Intune device enrollment and inventory; monitor devices; deploy/update applications, and implement Mobile Application Management (MAM). About Microsoft

Certification Passing this exam and Exam MD-100 Windows 10 fulfills your requirements for the Microsoft 365 Certified: Modern Desktop Administrator Associate certification credential, demonstrating your ability to install Windows 10 operating systems and deploy and manage modern desktops and devices in an enterprise environment. See full details at: [microsoft.com/learn/Windows-PowerShell-3.0-First-Steps](https://microsoft.com/learn/Windows-PowerShell-3.0-First-Steps) Pearson Education Dive in—and discover how to really put Windows Server 2012 to work! This supremely organized reference packs the details you need to plan and manage a Windows Server 2012 implementation—including hundreds of timesaving solutions, troubleshooting tips, and workarounds. Learn how the experts tackle Windows Server 2012—and challenge yourself to new levels of mastery. Topics include: Managing Windows Server 2012 systems; Storage and file systems; TCP/IP networking; DHCP and DNS; Active Directory; Group Policy; Security and access; Troubleshooting hardware; Performance monitoring and tuning

Backup and recovery  
**Windows Azure Mobile Services** Untold Secret of Google Hacks  
 Microsoft Hybrid Cloud Unleashed brings together comprehensive and practical insights into hybrid cloud technologies, complete CloudOps and DevOps implementation strategies, and detailed guidance for deploying Microsoft Azure Stack in your environment. Written by five Microsoft Cloud and Datacenter Management MVPs, this book is built on real-world scenarios and the authors' extraordinary hands-on experiences as early adopters. Step by step, the authors help you integrate your optimal mix of private and public cloud, with a unified management experience that lets you move workloads at will, achieving unprecedented flexibility. The authors also guide you through all aspects of building your own secure, high-performance hybrid cloud infrastructure. You'll discover how Azure Stack enables you to run data centers with the same scalability, redundancy, and reliability as Microsoft's Azure data centers; how to integrate Azure infrastructure and platform services with

internal operations; and how to manage crucial external dependencies. The book concludes with a deep dive into automating and customizing Azure Stack for maximum reliability, productivity, and cost savings. Detailed information on how to Run a private/hybrid cloud on your hardware in your data center, using APIs and code identical to public Azure Apply ITIL and DevOps lifecycles to your hybrid cloud implementation Gain a deep understanding of Azure Stack architecture, components, and internals Install and configure Azure Stack and master the Azure Stack Portal Integrate and utilize infrastructure, core, and custom resource providers Effectively provision, secure, and manage tenants Manage, monitor, troubleshoot, and back up Azure Stack with CloudOps Automate resource provisioning with PowerShell, the Azure CLI, templates, and Azure Stack's API Write your own Azure Resource Manager templates Centrally automate cloud management and complex tasks connected to external systems Develop customized, production-ready Azure Stack marketplace items

Programming Microsoft Azure Service Fabric John Wiley & Sons  
 Untold Secret of Google HacksANTO  
Windows PowerShell Step by Step Pearson Education  
 Get up and running with Windows Azure Mobile Services Windows Azure Mobile Services (WAMS) is a turn-key backend solution for applications, mobile or otherwise, to utilize structured storage in the cloud. It includes basic data access functionality and built-in authentication with Microsoft Account, Facebook, Twitter and Google, as well as push notification to the client app. This compact, to the point book gives you just what you need to get up and running with these tools. Demonstrates how to add, update, delete and retrieve data using standard .NET classes or REST-based requests Describes how Windows Azure Mobile Services supports authentication of the user and looks at the mechanism used to authenticate the user Features a number of examples that show how the WAMS scripting capability can be used to meet real-world business needs Examines the limits of Windows Azure Mobile

Services, including scalability, database integration, and redundancy options This book shows you exactly how to take advantage of the functionality offered by Windows Azure Mobile Services.

**Docker Quick Start Guide** Packt Publishing Ltd

Leverage PowerShell to perform many day-to-day tasks in Microsoft Azure Key Features Deploy and manage Azure virtual machines with PowerShell commands. Get to grips with core concept of Azure PowerShell such as working with images and disks, custom script extension, high availability and more. Leverage hands-on projects to successfully apply what you learned through the course of this book. Book Description As an IT professional, it is important to keep up with cloud technologies and learn to manage those technologies. PowerShell is a critical tool that must be learned in order to effectively and more easily manage many Azure resources. This book is designed to teach you to leverage PowerShell to enable you to perform many day-to-day tasks in Microsoft Azure. Taking you through

the basic tasks of installing Azure PowerShell and connecting to Azure, you will learn to properly connect to an Azure tenant with PowerShell. Next, you will dive into tasks such as deploying virtual machines with PowerShell, resizing them, and managing their power states with PowerShell. Then, you will learn how to complete more complex Azure tasks with PowerShell, such as deploying virtual machines from custom images, creating images from existing virtual

machines, and creating and managing of data disks. Later, you will learn how to snapshot virtual machines, how to encrypt virtual machines, and how to leverage load balancers to ensure high availability with PowerShell. By the end of this book, you will have developed dozens of PowerShell skills that are invaluable in the deployment and management of Azure virtual machines. What you will learn Manage virtual machines with PowerShell Resize a virtual machine with

PowerShell Create OS disk snapshots via PowerShell Deploy new virtual machines from snapshots via PowerShell Provision and attach data disks to a virtual machine via PowerShell Load balance virtual machines with PowerShell Manage virtual machines with custom script extensions Who this book is for This book is intended for IT professionals who are responsible for managing Azure virtual machines. No prior PowerShell or Azure experience is needed.

Best Sellers - Books :

- [Killers Of The Flower Moon: The Osage Murders And The Birth Of The Fbi By David Grann](#)
- [My First Learn-to-write Workbook: Practice For Kids With Pen Control, Line Tracing, Letters, And More!](#)
- [Blowback: A Warning To Save Democracy From The Next Trump By Miles Taylor](#)
- [A Court Of Mist And Fury \(a Court Of Thorns And Roses, 2\)](#)
- [My First Library : Boxset Of 10 Board Books For Kids By Wonder House Books](#)
- [A Court Of Thorns And Roses \(a Court Of Thorns And Roses, 1\) By Sarah J. Maas](#)
- [Haunting Adeline \(cat And Mouse Duet\) By H. D. Carlton](#)
- [The 48 Laws Of Power](#)
- [Things We Hide From The Light \(knockemout Series, 2\) By Lucy Score](#)
- [Oh, The Places You'll Go!](#)