
Vmware Vsphere Question And Answer

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VCP4 Exam Cram Packt Publishing Ltd

Over 75 practical recipes to confidently design an efficient virtual datacenter with VMware vSphere 6.x About This Book Get the first book on the market that helps you design a virtualized data center with VMware vSphere 6 Achieve enhanced compute, storage, network, and management capabilities for your virtual data center Exciting and practical recipes help you to design a virtual data easily by leveraging the features of VMware vSphere 6 Who This Book Is For If you are an administrator or consultant interested in designing virtualized datacenter environments using VMware vSphere 6.x or previous versions of vSphere and the

supporting components, this book is for you. It will help both new and experienced architects deliver professional VMware vSphere virtual datacenter designs. What You Will Learn Identify key factors related to a vSphere design and apply them to every step of the design process Mitigate security risks and meet compliance requirements in a vSphere design. Create a vSphere conceptual design by identifying technical and business requirements Determine the type of database to use based on the deployment size. Design for performance, availability, recoverability, manageability, and security Map the logical resource design into the physical vSphere design Create professional vSphere design documentation to ensure a successful implementation of the vSphere design Leverage the latest vSphere 6.x features to ensure manageability, performance, availability, and security in a virtual datacenter design In Detail VMware is the industry leader in data center virtualization. The vSphere 6.x suite of products provides a robust and resilient platform to virtualize server and application workloads. With the release of 6.x a whole range of new features has come along such as ESXi Security enhancements, fault tolerance, high availability enhancements, and virtual volumes, thus

simplifying the secure management of resources, the availability of applications, and performance enhancements of workloads deployed in the virtualized datacenter. This book provides recipes to create a virtual datacenter design using the features of vSphere 6.x by guiding you through the process of identifying the design factors and applying them to the logical and physical design process. You'll follow steps that walk you through the design process from beginning to end, right from the discovery process to creating the conceptual design; calculating the resource requirements of the logical storage, compute, and network design; mapping the logical requirements to a physical design; security design; and finally creating the design documentation. The recipes in this book provide guidance on making design decisions to ensure the successful creation, and ultimately the successful implementation, of a VMware vSphere 6.x virtual data center design. Style and Approach The book follows a recipe-based approach that consists of practical recipes to effectively design a virtual data center.

Mastering VMware vSphere 6.7 Packt Publishing Ltd

Use this expert guide to prepare for the VCA-DCV exam VCA-DCV VMware Certified Associate on vSphere Study Guide:VCAD-510 is a comprehensive study guide for the VMware Certified Associate – Data Center Virtualization exam.Hands-on examples, real-world scenarios, and expert review questions cover the full exam blueprint, and the companion website offers a suite of tools to help you prepare for the exam including practice exams, electronic flashcards, and a glossary of key terms.In addition, the website includes videos that demonstrate how to complete the more challenging tasks. Focused on practical skills,this study guide not only prepares you for the certification exam,but also for the duties expected of a VCA. The

VMware Certified Associate-Data Center

Virtualization certification targets those with limited virtualization and VMware data center technology experience, providing a springboard to the popular VMware Certified Professional-Data Center Virtualization certification. Virtualization has become a high priority among organizations, and credentialed professionals are in high demand.This guide helps you prove a certain level of foundational skill in basic virtualization technology, including the vSphere suite's Infrastructure Services, Application Services, and vCenter Server.Topics include: Explaining data center virtualization concepts Identifying the core components of vSphere Networking and storage planning/configuration with vSphere Correlating VMware solutions to common business challenges The VCA-DCV certification is the only one with no instructor-led training requirement, so a thorough study guide is an invaluable tool in your exam preparation. This book not only covers the full exam, but also provides practice designed to actually improve the skills used every day on the job. VCA-DCV VMware Certified Associate on vSphere Study Guide is more than just test prep—it's job prep.

VMware vSphere 4 Administration Instant Reference John Wiley & Sons

- Exam Code: 2V0-21.19- Total Questions: 112 Q&As- Reliable Practice test & Accurate exam questions for 2V0-21.19 Exam Pass. Virtualizing Microsoft Tier 1 Applications with VMware vSphere 4 Pearson Education Deploy and configure vSphere infrastructure and learn to effectively create and administer vSphere virtual machines Key Features Implement advanced network

virtualization techniques Configure and administer vSphere high availability Enhance your data center virtualization skills with practice questions and mock tests Book Description This exam guide enables you to install, configure, and manage the vSphere 6.5 infrastructure in all its components: vCenter Server, ESXi hosts, and virtual machines, while helping you to prepare for the industry standard certification. This data center book will assist you in automating administration tasks and enhancing your environment ' s capabilities. You will begin with an introduction to all aspects related to security, networking, and storage in vSphere 6.5. Next, you will learn about resource management and understand how to back up and restore the vSphere 6.5 infrastructure. As you advance, you will also cover troubleshooting, deployment, availability, and virtual machine management. This is followed by two mock tests that will test your knowledge and challenge your understanding of all the topics included in the exam. By the end of this book, you will not only have learned about virtualization and its techniques, but you ' ll also be prepared to pass the VCP6.5-DCV (2V0-622) exam. What you will learn Deploy and configure vSphere infrastructure Create and administer vSphere virtual machines Optimize, secure, and troubleshoot all vSphere components Implement vSphere HA on a vSAN cluster Understand how to back up and restore your vSphere 6.5 infrastructure Test your understanding of key concepts required through sample questions Who this book is for If you are interested in achieving Data Center Virtualization certification, this is

the book is for you. You will also benefit from this book if you are a system administrator or network engineer. Some prior knowledge of virtualization can assist you in understanding key concepts covered in the book.

Data Center Virtualization Certification: VCP6.5-DCV Exam Guide John Wiley & Sons

In this IBM® Redbooks® publication, we compiled best practices for planning, designing, implementing, and maintaining IBM Midrange Storage Solutions. In this publication, we use IBM System Storage® DS5000 storage subsystem for the implementation procedures, and the same procedures can be used for implementations with DCS3700 or DS3500 storage subsystems. We also compiled configurations for a VMware ESX and VMware ESXi Server host environment. Setting up an IBM Midrange Storage Subsystem is a challenging task. Our principal objective in this book is to provide you with a sufficient overview to effectively enable storage area network (SAN) storage and VMware. There is no single configuration that is satisfactory for every application or situation. However, the effectiveness of the VMware implementation is enabled by careful planning and consideration. Although the compilation of this publication is derived from an actual setup and verification, we did not stress test or test for all possible use cases that are used in a limited configuration assessment. Because of the highly customizable nature of a VMware ESXi host environment, you must consider your specific environment and equipment to achieve optimal performance from an IBM Midrange Storage Subsystem. When you are weighing the recommendations in this publication, you

must start with the first principles of input/output (I/O) performance tuning. Each environment is unique and the correct settings that are used depend on the specific goals, configurations, and demands for the specific environment. This publication is intended for technical professionals who want to deploy VMware ESXi and VMware ESX Servers with IBM Midrange Storage Subsystems.

VCP VMware Certified Professional on vSphere 4 Review Guide
Packt Publishing Ltd

Let us shatter any VMware vSphere myths. 'VMware vSphere' (formerly VMware Infrastructure 4) is VMware's cloud computing virtualization Operating System. There has never been a VMware vSphere Guide like this. It contains 23 answers, much more than you can imagine; comprehensive answers and extensive details and references, with insights that have never before been offered in print. Get the information you need--fast! This all-embracing guide offers a thorough view of key knowledge and detailed insight. This Guide introduces what you want to know about VMware vSphere. A quick look inside of some of the subjects covered: VMware - Cloud management software, VMware ESXi, Dell M1000e - Power Edge M620, VMware - Other products, 2X Software - 2X Remote Application Server, VCE (company) - Products and services, IBM Tivoli Storage Manager - Associated Products, LIO Target - Architecture, VMware vSphere, VMware - Server software, Comparison of IPv6 application support - Applications, VMware ESX - VMware ESXi, VCE (company) - Original systems, PostgreSQL - PostgreSQL as a service, VMware Horizon View, VMware View, VMware vSphere - History, Extensible Firmware Interface - Use of UEFI with virtualization, Nexus 1000v, Vyatta - Release History,

VMware Infrastructure - Limitations, VMware ESXi - VMware ESX, UEFI - Use of UEFI with virtualization, Nexus 7000 - Nexus 1000v, and much more...

VCA-DCV VMware Certified Associate on vSphere Study Guide
VMWare Press

VMware vSphere Design John Wiley & Sons

VMware vSphere Performance Packt Publishing Ltd

A practical guide packed with step-by-step recipes to design a virtual datacenter using VMware 5.x. This book is a guide for anyone interested in designing virtualized datacenters using VMware vSphere 5.x and the supporting components. Current administrators of VMware vSphere environments will find this book useful when interested in becoming a vSphere Architect or are interested in learning more about the virtual datacenter design process. Knowledge of vSphere installation, configuration, and administration is a prerequisite.

VMware Vsphere 5.1 Cookbook Packt Publishing Ltd

The only book focused on designing VMware vSphere implementations. VMware vSphere is the most widely deployed virtualization platform today. Considered the most robust and sophisticated hypervisor product, vSphere is the de facto standard for businesses, both large and small. This book is the only one of its kind to concisely explain how to execute a successful vSphere architecture, tailored to meet your company 's needs. Expert authors share with you the factors that shape the design of a vSphere implementation. Learn how to make the right design decisions for your environment. Explores the latest release of VMware vSphere Details the overall design process, server hardware selection, network layout, security considerations, storage infrastructure, virtual machine design, and more Debates

the merits of Scaling Up servers versus Scaling Out, ESX versus ESXi hypervisor, vSwitches versus dvSwitches, and what the different storage protocols have to offer Illustrates the tools to monitor, to plan, to manage, to deploy and to secure your vSphere landscape Steps through the design decisions that a typical company may encounter, and questions the choices made Packed with real-world proven strategies, VMware vSphere Design examines how the virtualization architecture for your company should ideally look—and how best to achieve it.

[Vmware Vsphere 23 Success Secrets - 23 Most Asked Questions on Vmware Vsphere - What You Need to Know](#) John Wiley & Sons

A concise, focused study aid to accompany VCP for vSphere 4 Study Guide As organizations seek to cut infrastructure costs, virtualization has become a lucrative specialty for IT professionals. VCP is the leading virtualization certification, and this book is designed to work hand-in-hand with the VCP for vSphere 4 Study Guide to better prepare VMware pros for the comprehensive exam. Filled with review information, it helps you deepen your understanding of vSphere, the first cloud operating system. Virtualization skills are much in demand, and VMware professionals become more marketable when they achieve VCP certification; this review guide works with other learning tools to increase vSphere knowledge and confidence Offers invaluable help for last-minute review Covers planning, installing, and upgrading ESX/ESXi; configuring ESX/ESXi networking and storage; installing and configuring vCenter Server; deploying and managing virtual machines and vApps; managing compliance;

establishing service levels; and basic troubleshooting CD includes two practice exams, flashcards, and a searchable glossary of key terms This highly focused Sybex review guide is the perfect study companion to VCP for vSphere 4 Study Guide, helping you achieve VCP certification, increased confidence, and better job opportunities.

[A+ Guide to IT Technical Support \(Hardware and Software\)](#) Packt Publishing Ltd

vSphere allows you to transform your IT infrastructure into a private cloud, then bridge it to public clouds on demand, delivering an IT infrastructure as an easily accessible service. This book is a fast-paced guide that enables you to explore and harness the vast potential of VMware vSphere. The book begins by providing you with a rapid introduction to VMware vSphere architecture and the major considerations for VMware vSphere design. Beginning with the essentials of VMware vSphere, it will get you started with VMware ESXi host, cluster, vCenter and patterns that are required to be applied while designing your VMware vSphere. As you progress through the chapters, you will learn about analyzing the key components that are needed for a network. By the end of the book, you will have also learned about the major factors influencing vCloud needs and have finalized the requirements for designing a vCloud.

Tivoli Storage Manager for Virtual Environments - Data Protection for VMware Deployment Guide John Wiley & Sons
In this IBM® Redbooks® publication, we describe recommendations based on an IBM b-type storage area network (SAN) environment that is utilizing VMware vSphere ESXi. We

describe the hardware and software and the unique features that they bring to the marketplace. We then highlight those features and how they apply to the SAN environment, and the best practices for ensuring that you get the best out of your SAN. For background reading, we recommend the following Redbooks publications: - Introduction to Storage Area Networks and System Networking, SG24-5470 - IBM System Storage SAN Volume Controller Best Practices and Performance Guidelines, SG24-7521 - IBM System Storage SAN Volume Controller and Storwize V7000 Replication Family Services, SG24-7574 - Implementing the IBM System Storage SAN Volume Controller V6.3, SG24-7933 - IBM SAN Volume Controller Stretched Cluster with PowerVM and PowerHA, SG24-8142 - Implementing the IBM SAN Volume Controller and FlashSystem 820, SG24-8172 - IBM System Storage DS8000 Copy Services for Open Systems, SG24-6788 - IBM System Storage DS8000: Host Attachment and Interoperability, SG24-8887 This book is aimed at pre- and post-sales support, system administrators, and storage administrators. VCP VMware Certified Professional vSphere 4 Study Guide (Exam VCP410) with CD-ROM Vibrant Publishers Probably The Best vSphere Guide To Date. 'VMware vSphere' (formerly VMware Infrastructure 4) is VMware's cloud computing virtualization working system. There has never been a vSphere Guide like this. It contains 52 answers, much more than you can imagine; comprehensive answers and extensive details and references, with insights that have never before been offered in print. Get the information you need--fast! This all-embracing guide offers a thorough view of key knowledge and detailed

insight. This Guide introduces what you want to know about vSphere. A quick look inside of some of the subjects covered: VMware View, SCSI RDMA Protocol, PostgreSQL - PostgreSQL as a service, VMware VMFS - Version history, Link aggregation - Virtualization platforms, VMware ESX, EMC NetWorker - History, CloudStack, VMware ESXi - Third party management tools, Apache CloudStack, VMware Server - Naming, vSphere, VCE (company) - Products and services, VMware ESXi - Related or additional products, Comparison of IPv6 application support - Applications, Nexus 7000 - Nexus 1000v, VMware ESXi - VMware ESX, Dell M1000e - Power Edge M620, VMware VMFS - Limitations, VMware ESX - VMware ESXi, VMware ESX - Related or additional products, Vyatta - Release History, Port trunking - Virtualization platforms, VMware vSphere - History, VMware - Other products, Cisco Unified Computing System - Management, 2X Software - 2X Remote Application Server, VMware ESX - Third party management tools, Universal Storage Platform - Specifications, Private VLAN - Software switches, UEFI - Use of UEFI with virtualization, VMware - Server software, SuSE - SUSE Linux Enterprise, Extensible Firmware Interface - Use of UEFI with virtualization, VMware - Cloud management software, Cloud Foundry - Service, VMware Infrastructure - Limitations, VCE (company) - Original systems, SUSE Linux - SUSE Linux Enterprise, IBM Tivoli Storage Manager - Associated Products, and much more...

VMware vSphere PowerCLI Reference VMware vSphere Design Edward L. Haletky 's Complete, Solutions-Focused Guide to Running ESX Server 3.5, vSphere, and VMware 4.x Extensively updated and revised, this

is the definitive real-world guide to planning, deploying, and managing VMware ESX Server 3.5, VMware vSphere Hypervisor (ESXi), or VMware vSphere 4.x cloud computing in mission-critical environments. Drawing on his extensive experience consulting on enterprise VMware implementations, renowned expert Edward L. Haletky offers a “soup-to-nuts” collection of field-tested best practices and solutions. He illuminates the real benefits, issues, tradeoffs, and pitfalls associated with VMware’s newest platforms, using real-world examples that draw upon both VMware and third-party products. This edition features detailed coverage of new vSphere features such as Storage IO Control, Network IO Control, Load-Based Teaming, Distributed Virtual Switches, ESXi, hardware and processors, and a significantly expanded discussion of auditing and monitoring. Haletky offers new or enhanced coverage of VM Hardware, virtual networking, VMsafe, and more. All new coverage is thoroughly integrated into Haletky’s insightful discussion of the entire lifecycle: planning, installation, templates, monitoring, tuning, clustering, security, disaster recovery, and more. Haletky consistently presents the most efficient procedures, whether they use graphical tools or the command line. You’ll learn how to:

- Assess VMware datacenter and infrastructure hardware requirements
- Understand technical, licensing, and management differences between ESX/ESXi 3.5 and 4.x
- Plan installation for your environment and identify potential “gotchas”
- Select, configure, utilize, and support storage cost-effectively
- Manage key operational issues associated with virtual infrastructure
- Adapt existing network and security infrastructure to virtualization
- Configure ESX from host connections
- Configure ESX Server from Virtual Centers or hosts
- Create, modify, and manage VMs (with detailed Windows, Linux, and NetWare examples)
- Troubleshoot VM issues with eDirectory, private labs, firewalls, and clusters
- Utilize vSphere 4.1’s improved Dynamic Resource Load Balancing (DRLB)
- Implement disaster recovery, business continuity, and backup
- Plan for vApps and the future of virtualization

VMware ESX and ESXi in the Enterprise has long been the definitive single-source guide to VMware planning, deployment, and management. For today’s VMware architects, administrators, and

managers, this edition will be even more valuable.

VMware Implementation with IBM System Storage DS5000 Pearson Education

Master your virtual environment with the ultimate vSphere guide Mastering VMware vSphere 6 is the fully updated edition of the bestselling guide to VMware's virtualization solution. With comprehensive coverage of this industry-leading toolset, this book acts as an informative guide and valuable reference. Step-by-step instruction walks you through installation, configuration, operation, security processes, and much more as you conquer the management and automation of your virtual environment. Written by certified VMware vExperts, this indispensable guide provides hands-on instruction and detailed conceptual explanations, anchored by practical applications and real-world examples. This book is the ultimate guide to vSphere, helping administrators master their virtual environment. Learn to: Install, configure, and manage the vCenter Server components Leverage the Support Tools to provide maintenance and updates Create and configure virtual networks, storage devices, and virtual machines Implement the latest features to ensure compatibility and flexibility Manage resource allocation and utilization to meet application needs Monitor infrastructure performance and availability Automate and orchestrate routine administrative tasks Mastering VMware vSphere 6 is what you need to stay up-to-date on VMware's industry-leading software for the virtualized datacenter.

VMware vSphere 5.x Datacenter Design Cookbook Omega Books

The Publisher regrets that the CD/DVD content for this title cannot be made available Online. Trust the Official Cert Guide series from VMware Press to help you learn, prepare, and practice for exam success. They are the only VMware authorized self-study books and are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam.

- Master VMware VCP550 exam topics
- Assess your knowledge with chapter-opening quizzes
- Review key concepts with exam preparation tasks
- Practice with realistic exam questions on the DVD

This is the eBook edition of the VCP5-DCV Official Certification Guide. This eBook does not include the companion DVD with

practice exam that comes with the print edition. VCP5-DCV Official Certification Guide presents you with an organized test-preparation routine through the use of proven series elements and techniques. “ Do I Know This Already? ” quizzes open each chapter and enable you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Well regarded for its level of detail, assessment features, comprehensive design scenarios, and challenging review questions and exercises, this official study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The official study guide helps you master all the topics on the VCP550 exam. Key topics include

- Installing, upgrading, and securing all the key components in your vSphere, including ESXi hosts, vCenter, datastores, and network components
- Networking components in vSphere, including vSphere standard switch and vSphere distributed switch concepts
- Configuring and managing all forms of storage, including Fibre Channel, iSCSI, and network-attached storage
- Creating, configuring, and managing virtual machines and vApps
- Keeping your vSphere running smoothly and recovering quickly from any failure, including services that improve overall utilization and recoverability
- Identifying the key components of your vSphere and how they work together
- Understanding the “ core four ” resources in any computer system: CPU, memory, disk, and network
- Preparing to schedule, take, and pass the VCP550 test

VCP5-DCV Official Certification Guide is part of a recommended learning path from VMware that includes simulation and hands-on training from authorized VMware instructors and self-study products from VMware Press. To find out more about instructor-led training, e-learning, and hands-on instruction offered worldwide, please visit www.vmware.com/training.

VMware vSphere 6.7 Data Center Design Cookbook John Wiley & Sons

Unleash the benefits of VMware vSphere 6.7 to provide a powerful, flexible and secure digital infrastructure Key

FeaturesDeep dive into areas like management, security, scalability, availability and more with vSphere 6.7Design, deploy and manage VMware vSphere virtual datacentersImplement monitoring and security of VMware workloads with easeBook Description vSphere 6.7 is the latest release of VMware ’ s industry-leading, virtual cloud platform. It allows organisations to move to hybrid cloud computing by enabling them to run, manage, connect and secure applications in a common operating environment. This up-to-date, 2nd edition provides complete coverage of vSphere 6.7. Complete with step-by-step explanations of essential concepts, practical examples and self-assessment questions, you will begin with an overview of the products, solutions and features of the vSphere 6.7 suite. You ’ ll learn how to design and plan a virtual infrastructure and look at the workflow and installation of components. You’ll gain insight into best practice configuration, management and security. By the end the book you’ll be able to build your own VMware vSphere lab that can run even the most demanding of workloads. What you will learnExplore the immense functionality of vSphere 6.7Design, manage and administer a virtualization environmentGet tips for the VCP6-DCV and VCIX6-DCV examsUnderstand how to implement different migration techniques across different environmentsExplore vSphere 6.7s powerful capabilities for patching, upgrading and managing the configuration of virtual environments.Understand core vSphere componentsMaster resource management, disaster recovery, troubleshooting, monitoring and securityWho this book is for This book is for Administrators, Infrastructure Engineers, Architects, and

Consultants with basic knowledge of VMware vSphere.

VMware Certified Professional Data Center Virtualization on vSphere 6.7 Study Guide John Wiley & Sons

As part of the highly acclaimed Mastering series from Sybex, this book offers a comprehensive look at VMware vSphere 4, how to implement it, and how to make the most of what it offers.

Coverage Includes: Shows administrators how to use VMware to realize significant savings in hardware costs while still providing adequate "servers" for their users Demonstrates how to partition a physical server into several virtual machines, reducing the overall server footprint within the operations center Explains how VMware subsumes a network to centralize and simplify its management, thus alleviating the effects of "virtual server sprawl" Now that virtualization is a key cost-saving strategy, Mastering VMware vSphere 4 is the strategic guide you need to maximize the opportunities.

Vsphere 52 Success Secrets - 52 Most Asked Questions on Vsphere - What You Need to Know John Wiley & Sons

Every year, datacenter managers must deliver more services faster, with greater flexibility. They must efficiently handle soaring amounts of data, and unprecedented levels of complexity. And they must do all this with lower budgets and fewer resources. Datacenter virtualization with VMware's vSphere® 5 is the best way to achieve these goals and to accelerate your transition to cloud services. VMware vSphere® 5: Building a Virtual Datacenter brings together all the practical knowledge you need to evaluate, plan, implement, and manage vSphere 5 in your datacenter environment. Top datacenter virtualization consultants Eric Maillé and René-François Mennecier begin by introducing vSphere 5 from the viewpoint of the

datacenter manager and professional. They present essential definitions, advantages, and functions; review vSphere 5's architecture; and introduce core components such as vCenter Server and ESXi 5.0. Next, Maillé and Mennecier turn to implementation, presenting detailed examples, schemas, and best practices drawn from their extensive experience. They share practical insights into budgeting, scheduling, and planning; choosing the right architecture; and integrating vSphere with existing datacenter elements, including servers, storage, clusters, network infrastructure, and business continuity plans. They conclude with a start-to-finish case study: a datacenter virtualization project designed to support specific business objectives. Coverage includes

- Assessing the potential benefits of datacenter virtualization in your environment
- Organizing and managing a smooth migration to the virtualized datacenter
- Anticipating specific challenges and risks associated with datacenter virtualization
- Making tradeoffs to optimize stability, elasticity, scalability, and cost
- Choosing the best installation/configuration options for your environment
- Effectively linking vSphere 5 virtualization to existing datacenter elements
- Driving more value from vSphere 5's powerful new datacenter features
- Providing storage to efficiently support your hosted VMs, now and in the future
- Managing limited memory and other server constraints
- Leveraging new options for service continuity and high availability
- Using backup architecture as a lever to reduce costs

VMware vSphere Design John Wiley & Sons

Your One-Stop Reference for VMware vSphere Automation If you manage vSphere in a Windows environment, automating routine tasks can save you time and increase efficiency. VMware vSphere PowerCLI is a set of pre-built commands based on Windows PowerShell that is designed to help you automate

vSphere processes involving virtual machines, datacenters, storage, networks, and more. This detailed guide—using a practical, task-based approach and real-world examples—shows you how to get the most out of PowerCLI's handy cmdlets. Learn how to:

- Automate vCenter Server and ESX/ESX(i) Server deployment and configuration
- Create and configure virtual machines and use vApps
- Secure, back up, and restore your virtual machines
- Monitor, audit, and report the status of your vSphere environment
- Use the PowerCLI SDK, PowerWF Studio, and vEcoShell
- Schedule and view automation
- Add a GUI front end to your scripts