

Where To Download Vmware  
Vsphere Training

# Vmware Vsphere Training

**Master vSphere 6 virtualization with hands-on practice and bonus preview exams VCP6-DCV: VMware Certified Professional-Data Center Virtualization on vSphere 6 Study Guide is your ultimate guide to preparing for exam 2VO-621. This Study Guide provides 100% coverage of all exam objectives and offers a unique set of study tools including assessment tests, objective map, real-world scenarios, hands-on exercises, and much more so you can be confident come exam day. You will also receive access to the superior Sybex interactive online learning environment that provides additional study tools including electronic flashcards and bonus practice exams. More than just a**

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**study guide, this book bridges the gap between exam prep and real-world on the job skills by focusing on the key information VMware professionals need to do the job. You'll master the vCenter Server and ESXi from planning and installation through upgrade and security, and develop an in-depth understanding of vSphere networking and storage, vApp deployment, service level establishment, troubleshooting, monitoring implementation, and so much more. Study 100% of exam 2V0-621 objectives Practice your skills with hands-on exercises Gain professional insight from real-world scenarios Test your understanding with review questions, practice tests, and more Virtualization is the number-one IT priority for organizations across public and private sectors, and VMware is the dominant force in the**

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**virtualization space. The VCP6-DCV certification gives you a highly marketable credential in terms of employment, but first you must pass this challenging exam. VCP6-DCV gives you the power of Sybex exam prep and the skills you need to excel at the job. A plain-English guide to the market-leading virtualization and cloud computing technology With virtualization, a single server can host dozens or hundreds of virtual machines running a variety of operating systems, and even hook them together in a virtual network or cloud infrastructure. This practical guide shows you how to create a virtual system using the VMware VSphere environment. You'll find all the information you need to understand, design, and deploy one—without getting overwhelmed with technical detail. And once you're up**

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**and running, this book is the perfect reference for maintenance and troubleshooting issues. Introduces you to virtualization and VMware's virtualization/cloud computing technology, the most recent version is VMware vSphere Shows you how to design a vSphere environment Covers installation, deployment, management, maintenance, and troubleshooting Provides what IT managers and system administrators need to roll out their first virtualized or cloud infrastructure, or to get up to speed on VMware's technology Get up and running on the cloud with VMware vSphere For Dummies!**

**The 2013 edition of the bestselling vSphere book on the market Virtualization remains the hottest trend in the IT world, and VMware vSphere is the industry's most widely deployed**

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**virtualization solution. The demand for IT professionals skilled in virtualization and cloud-related technologies is great and expected to keep growing. This comprehensive Sybex guide covers all the features and capabilities of VMware vSphere, showing administrators step by step how to install, configure, operate, manage, and secure it. This perfect blend of hands-on instruction, conceptual explanation, and practical application is reinforced with real-world examples. Led by Scott Lowe and Nick Marshall, both VMware vExperts, the author team provides expertise that will prepare IT professionals to excel in using this virtualization technology. Virtualization is seen as a "best practice" for high availability and disaster recovery solutions, as well as for applications such as Exchange Server and SharePoint IDC estimates**

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**that there are as many as 7 million jobs available worldwide in virtualization and cloud technology Provides hands-on instruction in all the latest features and capabilities of VMware vSphere, with both conceptual explanations and practical applications Author team is lead by Scott Lowe and Nick Marshall, well-known VMware experts and popular bloggers Mastering VMware vSphere provides what every virtualization professional needs to know.**

**Learn the essentials of configuring virtual networking, storage, and machines in vSphere 6.5.**

**VMware vSphere 6.5 Essential Training Part 2**

**Troubleshooting principles  
Exam VCP-410**

**VMware Certified Professional 5 - Data Center Virtualization**

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## **VMware Certified Professional Data Center Virtualization on vSphere 6.7 Study Guide**

*An introduction to  
VMware's cloud-based  
virtual operating  
system, vSphere 6.  
Learn how to administer,  
troubleshoot, and  
monitor vSphere 6.5, the  
VMware data center  
virtualization platform.  
THE ONLY AUTHORITATIVE,  
COMPREHENSIVE GUIDE TO  
VSPHERE STORAGE  
IMPLEMENTATION AND  
MANAGEMENT Effective  
VMware virtualization  
storage planning and*

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*management has become crucial-but it can be extremely complex. Now, the leading VMware expert on storage completely demystifies the "black box" of vSphere storage and provides illustrated, step-by-step procedures for performing every key task associated with it. You'll gain the deep understanding you need to make better storage decisions, solve problems, and keep problems from occurring in the first place.*



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*Mostafa Khalil presents techniques based on years of personal experience helping customers troubleshoot storage in their vSphere production environments. With more experience than anyone else in the field, he combines expert guidelines, insights for better architectural design, best practices for both planning and management, common configuration details, and deep dives into both vSphere and third-party storage.*

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*Storage Implementation in vSphere® 5.0 fully explains each storage connectivity choice and protocol supported by VMware, introduces Pluggable Storage Architecture (PSA), and shows how to build on PSA with multipathing, failover, and ALUA. It thoroughly introduces Storage Virtualization Devices (SVDs) and VMDirectPath I/O, and shows how to drive powerful improvements in performance, flexibility, and*

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*manageability with VMFS 5 and VAAI. COVERAGE INCLUDES Understanding how FC, FCoE, and iSCSI interact with VMware vSphere 5 Implementing specific VMware capabilities on storage hardware from each leading vendor Avoiding, recognizing, and fixing misconfigurations and other problems Using third-party MPIO plugins certified with vSphere 5 and PSA Maximizing availability through multipathing and failover Implementing*

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*fixed and round-robin  
multipathing on arrays  
with ALUA support  
Monitoring and  
optimizing virtual  
storage performance  
Managing vSphere-  
compatible file systems:  
VMFS and NFS Taking full  
advantage of  
VMDirectPath I/O  
Implementing  
heterogeneous storage  
configurations  
Presenting abstracted  
storage through virtual  
disks and Raw Device  
Mappings (RDMs) Using  
VMFS 5 to simplify*

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*management and improve  
scalability in large-  
scale environments*

*Sharing storage and  
migrating more easily  
across multiple VMware  
vSphere instances*

*Optimizing storage  
performance with VAAI-  
compliant devices*

*Mostafa Khalil, Senior  
Staff Engineer with  
VMware Global Support  
Services, specializes in  
storage integration for  
virtual environments. He  
has worked for VMware  
for 13 years and  
supported all VMware*

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*virtualization products since Workstation for Linux 1.0 beta. Khalil has worked on most enterprise storage vendors' solutions and received engineering-level training for many of them. He has presented at every VMworld, and at VMware Partner Exchange, VMware User Group, and USENIX.*

*ISBN-13:*

*978-0-321-79993-7*

*ISBN-10: 0-321-79993-3*

*Use this expert guide to prepare for the VCA-DCV exam VCA-DCV VMware*

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*Certified Associate on  
vSphere Study  
Guide:VCAD-510 is a  
comprehensive study  
guide for the  
VMwareCertified  
Associate - Data Center  
Virtualization  
exam.Hands-on examples,  
real-world scenarios,  
and expert  
reviewquestions cover  
the full exam blueprint,  
and the companion  
websiteoffers a suite of  
tools to help you  
prepare for the exam  
includingpractice exams,  
electronic flashcards,*

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*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*



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*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*

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*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 you*

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*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.*

*VCAD-510*

*The Official VCP5*

*Certification Guide*

*Mastering VMware vSphere 5.5*

*Learning VMware ESXi*

*VSphere*

## Where To Download VMware vSphere Training

*Automating vSphere  
Administration*

Virtualization is one of the most interesting and beneficial concepts in today's IT world. Nearly everyone in IT has heard of virtualization and most have some experience with virtual datacenters. Most people want to learn more about the concepts, but have no idea where to begin. This LiveLesson is an excellent starting point. VMware vSphere is the lead product for creating virtualized datacenters. This video will teach you the fundamentals of virtualization topics as they relate to (create, manage, and control) a VMware vSphere virtual datacenter. This video begins

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with core virtualization concepts and then becomes increasingly specific with regard to vSphere, virtual machines, virtual resources, and the features that allow for management and control of a virtual datacenter. It begins at a comfortable level for any viewer and gradually builds on their technical knowledge of VMware and vSphere related topics. By the end of the video, the viewer will understand how virtualization concepts fit in today's IT world, how they fit into the Cloud, and how they fit into their own organization.

About the Author: Bill Ferguson, MCT, MCSE, MCP+I, CCNA, A+, Network+, Server+ is an IT veteran having been in the computer

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industry for more than 15 years. Originally in technical sales and sales management with Sprint, Bill transitioned to Certified Technical Trainer in 1997 with ExecuTrain. Currently Bill runs his own company as an independent contractor in Birmingham, Alabama, teaching classes for many nationally recognized training companies, as well as some regional training companies and corporations. In addition, Bill writes and produces technical training videos for Virtual Training Company, Inc. and Specialized Solutions, Inc., including A+, Network+, Windows 2000 Management, Windows XP Management, Windows 2000

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Security, Server+, and Interconnecting Cisco Network Devices. Bill keeps his skills sharp by being a technical reviewer for books and sample tests and states, "My job is to understand the material so well that I can make it easier for my students to learn than it was for me to learn." ...

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

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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



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your scripts

Gain expertise in troubleshooting most common issues to implement vSphere environments with ease

About This Book Plan, analyze, and design effective solutions for your vSphere environment

Troubleshoot problems related to vSphere performance

Familiarize yourself with the advanced troubleshooting concepts and become an expert level administrator

Who This Book Is For

The book is intended for mid-level System Engineers and System Integrators who want to learn VMware power tools to troubleshoot and manage the vSphere infrastructure. Good knowledge level and understanding of

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virtualization is expected. What You Will Learn Configure vSphere management assistant and troubleshooting tools Use troubleshooting tools to monitor performance and troubleshoot different issues Learn how to troubleshoot High Availability and other commonly known problems with clusters such as insufficient resources, failing heartbeats Use Direct Console User Interface (DCUI) to verify configuration Diagnose storage issues including iSCSI, NFS and VMFS problems Manage vSphere Network Virtual and Distributed Switches, Trunks, VLANs Monitor and shape network traffic, configure routes and DNS

## Where To Download VMware vSphere Training

Quickly resolve common day-to-day problems by analysing logs of VMware vSphere hosts and VMware vCenter Server Debug and resolve commonly known vSphere Cluster problems In Detail VMware vSphere is the leading server virtualization platform with consistent management for virtual data centers. It enhances troubleshooting skills to diagnose and resolve day to day problems in your VMware vSphere infrastructure environment. This book will provide you practical hands-on knowledge of using different performance monitoring and troubleshooting tools to manage and troubleshoot the vSphere

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infrastructure. It begins by introducing systematic approach for troubleshooting different problems and show casing the troubleshooting techniques. You will be able to use the troubleshooting tools to monitor performance, and troubleshoot issues related to Hosts and Virtual Machines. Moving on, you will troubleshoot High Availability, storage I/O control problems, virtual LANS, and iSCSI, NFS, VMFS issues. By the end of this book, you will be able to analyze and solve advanced issues related to vShpere environment such as vcenter certificates, database problems, and different failed state errors. Style and approach A step-by-step guide

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full of real world scenarios that will enhance advanced knowledge, skills, and abilities to achieve competence in troubleshooting the VMware vSphere environment. Basic concepts of vSphere and the most common vSphere infrastructure problems are explained with practical solutions to resolve it.

This IBM® Redbooks® publication details the configuration and best practices for using IBM's FlashSystem family of storage products within a VMware environment. This book was published in 2021 and specifically addresses Spectrum Virtualize Version 8.4 with VMware vSphere

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Version 7.0. Topics illustrate planning, configuring, operations, and preferred practices that include integration of FlashSystem storage systems with the VMware vCloud suite of applications: - vSphere Web Client (VWC) - vStorage APIs for Storage Awareness (VASA) - vStorage APIs for Array Integration (VAAI) - Site Recovery Manager (SRM) - vSphere Metro Storage Cluster (vMSC) This book is intended for presales consulting engineers, sales engineers, and IBM clients who want to deploy IBM FlashSystem® storage systems in virtualized data centers that are based on VMware vSphere.

VMware VSphere 6.5

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Administration Basics Ultimate  
Exam VCP-510

Learning PowerCLI

VCP5-DCV Official Certification  
Guide (Covering the VCP550  
Exam)

The Complete VMware vSphere  
Guide

***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***

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*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*



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***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***

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***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***

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***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***

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***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***

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*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](http://www.vmware.com/training). Lay the foundations for*

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***data center  
virtualization using  
VMware vSphere 6 and  
strengthen your  
understanding of its  
power About This Book  
Learn how server  
virtualization is  
achieved and how a  
virtual infrastructure  
is built using VMware's  
products and solutions.  
Design to create a  
scalable and responsive  
virtualization platform  
for hosting the virtual  
machine workloads of a  
business. Manage  
compute, network and***

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*storage resources of a virtual infrastructure. Relevant conceptual diagrams, flowcharts and screen-captures enable in-depth comprehension of the concepts. Also, the concise writing style makes this book a very easy read. Who This Book Is For This is a book for any experienced technologist who is new to the realm of Data Center virtualization wanting to find a way to get a head start in learning how to design, implement and manage a*

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*modern day datacenter  
virtualized using  
VMware's core  
infrastructure  
solutions. It could also  
act a comprehensive  
reference guide for  
Infrastructure  
Architects and System  
Administrators to aid  
them in their day to day  
activities. This book  
could easily find its  
place in reference  
materials used by  
professionals for VCP  
and VCAP certification  
exams. Keep in mind  
however that the book is*



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*not written to follow as a blueprint for either of the exams. What You Will Learn Understand the architecture of the hypervisor and learn how to install deploy and configure ESXi hosts Find out what forms a VMware Virtual Machine can take and also learn how to create and manage them Familiarize yourself with the concepts of vSphere Storage and learn how to present and manage storage in a vSphere environment Create and*

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***manage software  
switching constructs  
such as the vNetwork  
Standard Switch and  
vNetwork Distributed  
Switches Monitor the  
performance of a vSphere  
environment using tools  
such as the vCenter  
Performance Graphs and  
'esxtop' Manage SSL  
certificates in a  
vSphere environment  
Upgrade and patch a  
vSphere environment  
using vSphere Update  
Manager In Detail  
Computer virtualization  
is a method to enable***

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*the running of multiple application workloads on a machine to achieve efficient utilization and reduce the number of physical machines in a data center. This has now become the foundation of many modern day data centers. What began as a technology to virtualize x86 architecture has now grown beyond the limits of a server's hardware and into the realm of storage and network virtualization. VMware is currently the market*

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*leader in developing data center virtualization solutions. This book goes into the details of designing and implementing VMware solutions that form the foundation of a VMware infrastructure. The book begins by introducing you to the concepts of server virtualization followed by the architecture of VMware's hypervisor – ESXi and then by its installation and configuration. You then learn what is*

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*required to manage a vSphere environment and configure advanced management capabilities of vCenter. Next you are taken through topics on vSphere Networking, Storage, ESXi Clustering, Resource Management and Virtual Machine Management. You will then be introduced to SSL Certificate Management and its use in a vSphere environment. Finally, you will learn about the lifecycle management of a vSphere environment by*

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*effectively monitoring, patching and upgrading vSphere components using Update Manager. By the end of the book, you will know how to use VMware's vSphere suite of components to lay the foundation of a modern day virtual infrastructure. Style and approach This is an easy-to-follow guide that will give you everything you need to fully understand the concepts involved in data center virtualization. The*

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*screenshots, concept diagrams, and flowcharts included will help you understand the subjects discussed better.*

*Deliver great business value by adopting the virtualization platform VMware vSphere 6.5, from the design to the deployment*

**About This Book** *This new edition is based on vSphere 6.5 and has described new features in different areas, including management, security, scalability, availability and so on.*

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***Design, deploy and manage VMware datacenters Implement monitoring and security of VMware workloads with ease. Who This Book Is For If you are an administrator, infrastructure engineer, IT architect, or an IT consultant and analyst who has basic knowledge of VMware vSphere and now wants to master it, then this book is for you. What You Will Learn Get a deep understanding of vSphere 6.5 functionalities Design***



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*and plan a virtualization environment based on vSphere 6.5 Manage and administer a vSphere 6.5 environment and resources Get tips for the VCP6-DCV and VCIX6-DCV exams (along with use of the vSphere 6 documentation) Implement different migration techniques to move your workload across different environments. Save your configuration, data and workload from your virtual infrastructure.*

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*In Detail VMware vSphere 6.5 provides a powerful, flexible and secure foundation for next-generation applications which helps you create an effective digital transformation. This book will be based on VMware vSphere 6.5 which empowers you to virtualize any complex application with ease. You'll begin by getting an overview of all the products, solutions and features of the vSphere 6.5 suite, comparing the evolutions with the*

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*previous releases. Next ,you'll design and plan a virtualization infrastructure to drive planning and performance analysis. Following this , you will be proceeding with workflow and installation of components. New network trends are also covered which will help you in optimally designing the vSphere environment. You will also learn the practices and procedures involved in configuring and managing virtual machines in a vSphere*

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*infrastructure. With vSphere 6.5, you'll make use of significantly more powerful capabilities for patching, upgrading, and managing the configuration of the virtual environment. Next we'll focus on specific availability and resiliency solutions in vSphere. Towards the end of the book you will get information on how to save your configuration, data and workload from your virtual infrastructure.*

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***By the end of the book you'll learn about VMware vSphere 6.5 right from design to deployment and management. Style and Approach This book acts as a reference guide providing real-world scenarios and a possible baseline for each virtualization project based on VMware vSphere. Trust the bestselling Official Cert Guide series from VMware Press to help you learn, prepare, and practice for VCP5 exam success.***

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*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.*

*\*\*Note to readers\*\* In March 2013 VMware renamed the VCP5 (VMware Certified Professional on vSphere 5) to VCP5-DCV (VMware Certified Professional on vSphere 5 - Data Center Virtualization). The Official VCP5*

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***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. Master***

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***VMware VCP510 exam topics Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks The Official VCP5 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***



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***instruction offered  
worldwide, please visit  
[www.vmware.com/training](http://www.vmware.com/training).***

***VMware vSphere For  
Dummies***

***VCP4 Exam Cram***

***VCP5 VMware Certified  
Professional on vSphere  
5 Study Guide***

***VMware vSphere  
Troubleshooting***

***Learning VMware vSphere***

***vSphere 6 Foundations Exam***

***Official Cert Guide (Exam***

***#2V0-620) vSphere 6***

***Foundations Exam Official Cert***

***Guide (Exam #2V0-620)***

***presents you with an organized  
test-preparation routine***

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*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. ·*

*Master VMware vSphere 6 Foundations Exam topics ·*

*Assess your knowledge with chapter-opening quizzes ·*

*Review key concepts with exam-preparation tasks · Practice with realistic exam questions*

*vSphere 6 Foundations Exam*

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*Official Cert Guide (Exam #2V0-620) focuses specifically on the objectives for the vSphere 6 Foundations (#2V0-620) Exam. Leading VMware consultant and trainer Bill Ferguson shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The companion website contains a powerful Pearson IT Certification Practice Test*

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*engine that enables you to focus on individual topic areas or take a complete, timed exam. The assessment engine tracks your performance and provides feedback on a module-by-module basis, laying out a complete assessment of your knowledge to help you focus your study where it is needed most. 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*

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*time. vSphere 6 Foundations Exam Official Cert Guide (Exam #2V0-620) 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](http://www.vmware.com/training). The official study guide helps you master all the topics on the vSphere 6 Foundations Exam (#2V0-620), including ·*

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### *Identifying vSphere*

*architecture and solutions for a given use case · Installing and configuring vCenter Server and ESXi · Configuring vSphere networking, including vSS, vDS, and their features · Configuring vSphere storage · Deploying and administering virtual machines, VM clones, templates, and vApps · Establishing and maintaining availability and resource management features, including clusters, fault tolerance, and resource pools · Troubleshooting ESXi, vCenter Server, vCenter operations, VM operations, and basic*

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*misconfigurations · Monitoring a vSphere implementation, including ESXi, vCenter Server, and virtual machines ·*

*Installing, configuring, and managing vCenter Operations Manager*

*VMware 2V0-620 and 2V0-621 exams retired in 2019. We are continuing to make this content available for those who wish to use it to study the foundational information it contains. vSphere 6 Foundations Exam Official Cert Guide (Exam #2V0-620) vSphere 6 Foundations Exam Official Cert Guide (Exam #2V0-620) presents you with an organized test-preparation*

## Where To Download Vmware Vsphere Training

*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. · Master VMware vSphere 6 Foundations Exam topics · Assess your knowledge with chapter-opening quizzes · Review key concepts with exam-preparation tasks · Practice with realistic exam questions*

*vSphere 6 Foundations Exam*



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*Official Cert Guide (Exam #2V0-620) focuses specifically on the objectives for the vSphere 6 Foundations (#2V0-620) Exam. Leading VMware consultant and trainer Bill Ferguson shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The companion website contains a powerful Pearson IT Certification Practice Test*

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*engine that enables you to focus on individual topic areas or take a complete, timed exam. The assessment engine tracks your performance and provides feedback on a module-by-module basis, laying out a complete assessment of your knowledge to help you focus your study where it is needed most. 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*

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*time. vSphere 6 Foundations Exam Official Cert Guide (Exam #2V0-620) 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](http://www.vmware.com/training). The official study guide helps you master all the topics on the vSphere 6 Foundations Exam (#2V0-620), including ·*

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### *Identifying vSphere*

*architecture and solutions for a given use case · Installing and configuring vCenter Server and ESXi · Configuring vSphere networking, including vSS, vDS, and their features · Configuring vSphere storage · Deploying and administering virtual machines, VM clones, templates, and vApps · Establishing and maintaining availability and resource management features, including clusters, fault tolerance, and resource pools · Troubleshooting ESXi, vCenter Server, vCenter operations, VM operations, and basic*

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*misconfigurations · Monitoring a vSphere implementation, including ESXi, vCenter Server, and virtual machines · Installing, configuring, and managing vCenter Operations Manager NOTE: Although there are changes between vSphere 6.0 and 6.5, they are not in the area of Foundations, therefore, vSphere 6 Foundations Exam #2V0-620 can be taken as part of official preparation steps toward your 6.5 or 7.0 certifications.*

*4+ Hours of Video Instruction VMware vSphere Virtualization Fundamentals LiveLessons is an excellent place to start your*

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*virtualization journey, covering basic fundamentals of a VMware vSphere virtual data center. Bestselling author and VCI (VMware Certified Trainer) Bill Ferguson is ready to get you started with vSphere, VMware vSphere the leading product for creating virtualized data centers. Virtualization is one of the most interesting and beneficial concepts in today's IT world. Nearly everyone in IT has some experience with virtualized data. Many IT and business professionals would like to learn more about the concepts, but have no idea where to begin. This*

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*LiveLesson, part of the VMware Press Series, is an excellent starting point. This video will teach you the fundamentals of virtualization topics as they relate to (create, manage, and control) a VMware vSphere virtual data center. This video begins with coverage of core virtualization concepts and then becomes increasingly specific with regard to vSphere, virtual machines, virtual resources, and the features that allow for management and control of a virtual data center. It starts at a beginner level and gradually builds on the specifics of VMware and vSphere related*

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*topics. By the end of the video, the viewer should have an understanding of the basics of vSphere. Lessons: Introduction to VMware vSphere*

*Virtualization Fundamentals*

*LiveLessons Lesson 1 - Core*

*VMware Virtualization*

*Concepts 1.1 Comparing*

*Physical Infrastructure with*

*Virtual Infrastructure 1.2*

*Comparing Physical*

*Architecture with Virtual*

*Architecture 1.3 Real-World*

*Benefits of Using Virtual*

*Machines Lesson 2 - What is*

*vSphere? 2.1 vSphere Concepts*

*2.2 vSphere Networking 2.3*

*vSphere Storage 2.4 vSphere*



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*Management Lesson 3 -  
Understanding Virtual  
Machines 3.1 Virtual Machine  
Files and Concepts 3.2 Virtual  
Machine Hardware 3.3 Guest  
OS Installation Options 3.4  
Faster Ways to Deploy Virtual  
Machines Lesson 4 - Managing  
Virtual Machines 4.1 Hardware  
Settings 4.2 Options Settings  
4.3 Resource Settings Lesson 5  
- Allocating CPU and Memory  
Resources 5.1 Patented  
Technologies for Memory  
Efficiency 5.2 Best Practices for  
Virtual Machine CPU and  
Memory 5.3 Using Shares to  
Establish Priority 5.4 Using  
Limits and Reservations When*

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*Needed 5.5 Using Resource  
Pools Lesson 6 - Scalability  
Features in vSphere 6.1  
vMotion 6.2 Storage vMotion  
6.3 High Availability and Fault  
Tolerance 6.4 Distributed  
Resource Scheduler 6.5 Storage  
Distributed Resource Scheduler  
Lesson 7 - Performance  
Monitoring and Tuning 7.1  
vCenter Performance Charts  
7.2 vCenter Alarms 7.3 Resxtop  
Lesson 8 - Extending vSphere  
Capabilities to the Cloud 8.1  
Tools for Managing Large or  
Multiple Virtual Datacenters  
8.2 Tools for Managing a Cloud  
Environment Summary of  
VMware vSphere Virtualization*

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*Fundamentals LiveLessons LiveLessons Video Training series publishes hundreds of hands-on, expert-led video tutorials covering a wide selection of technology topics designed to teach you the skills you need to succeed. This professional and personal technology video series features world-leading author instructors published by your trusted technology brands: Addison-Wesley, Cisco Press, VMware Press, IBM Press, Pearson IT Certification, Prentice Hall, Sams, and Que. Topics include: IT Certification, Programming, Web*

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*Development, Mobile  
Development, Home & Office  
Technologies, Business &  
Management, and more. View  
All LiveLessons [http://www.personitcertification.com/imprint/series\\_detail.aspx?ser=2185116](http://www.personitcertification.com/imprint/series_detail.aspx?ser=2185116)  
VMware Press is the official  
publisher of VMware books and  
training materials, which  
provide guidance on the critical  
topics facing today's technology  
professionals and students.  
Enterprises, as well as small-  
and medium-sized  
organizations, adopt  
virtualization as a more agile  
way of scaling IT to meet  
business needs. VMware Press*

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*provides proven, technically accurate information that will help them meet their goals for customizing, building, and maintaining their virtual environment. With books, certification and study guides, video training, and learning tools produced by world-class architects and IT experts, VMware Press helps IT professionals master a diverse range of topics on virtualization and cloud computing and is the official source of reference materials for preparing for the VMware Certified Professional Examination. For more information about VMware*

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*Press, please visit  
vmwarepress.com.*

*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*

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*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*

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*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 Certified Professional  
6*

*VCP6-DCV Official Cert Guide  
(Exam #2V0-621)*

*VMware Ultimate Bootcamp*



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*VSphere 6.0*

*VMware Certified Professional -  
Data Center Virtualization  
(Exam VCP550)*

*IBM FlashSystem and VMware  
Implementation and Best  
Practices Guide*

VMware 2V0-620 and 2V0-621 exams retired in 2019. We are continuing to make this content available for those who wish to use it to study the foundational information it contains. 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

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VMware certification exam topics  
Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks This is the eBook edition of The VCP6-DCV Official Cert Guide. This eBook does not include the practice exam that comes with the print edition. The VCP6-DCV Official Cert 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. The VCP6-DCV Official Cert Guide focuses specifically on the objectives for the

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VMware Certified Professional 6 – Data Center Virtualization (VCP6-DCV #2VO-621) exam. Leading VMware consultants, trainers, and data center experts John A. Davis, Steve Baca, and Owen Thomas share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. 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

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master all the topics on the VCP6-DCV (#2VO-621) exam, including: Securing vSphere environments Implementing advanced network virtualization policies, features, and Network I/O control (NIOC) Configuring and using VMware storage protocols, VSAN and VVOL software-defined storage, ESXi host interactions, and Storage I/O Control (SIOC) Upgrading vSphere deployments to 6.x, including vCenter Server and ESXi Hosts Planning and using Resource Pools Implementing backup/recovery with VMware Data Protection and vSphere Replication Troubleshooting performance, storage, networks, upgrades, clusters, and more Successfully configuring Auto Deploy environments with host profiles and virtualized workloads Configuring and administering vSphere high

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availability Using advanced VM settings, content libraries, and vCloud Air connectors The VCP6-DCV Official Cert 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](http://www.vmware.com/training).

2+ Hours of Video Instruction VMware vSphere 5 Jumpstart - Teaching you effective and efficient practices with vSphere! The VMware Press video Jumpstart series provides short and immediate assistance to the IT Professional in the form of video. Each "Jumpstart" executes a specific task in a given product or product suite to get

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you up and running in the shortest amount of time. In this Jumpstart, established author and VMware Certified Instructor (VCI) Brian Eiler puts the spotlight on vSphere. Key tasks are categorized into four groups:

**1.0 Working with ESXi hosts** This series of Jumpstarts you will be introduced to tasks focused on ESXi hosts regardless of their connection to a vCenter server. Instructional videos demonstrate how to install an ESXi host, how to manage it from the console (DCUI), and how to navigate and use the vSphere client with a ESXi host.

**2.0 Working with vCenter** This series of Jumpstarts you will learn about the installation and operation of vCenter; both the Windows and Linux versions. Instructional videos show how to connect hosts to vCenter, and how to create new virtual machines

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using the web-based vSphere client.

**3.0 Storage and Networking** This series of Jumpstarts you will learn how to setup and configure iSCSI and NFS datastores, as well as how to use the vSphere Storage Appliance (VSA).

Instructional videos demonstrate how to create and manage both standard and distributed virtual switches.

**4.0 Scalability and Protection** In this wide-ranging topic, you will learn about vSphere Replication appliance, the new vSphere Data Protection appliance, and the vSphere Update

Manager. Instructional video will show how to replicate VMs as well as how to use Update Manager to patch your ESXi hosts.

Lessons: Introduction to VMware vSphere 5 Jumpstart 1.

Working with ESXi Hosts 1.1 Installing ESXi 5.1 1.2 Using the DCUI in ESXi

5.1 1.3 Installing the Windows-Based

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vSphere Client 1.4 Using the Windows  
vSphere Client with an ESXi Host 2.  
Working with vCenter 2.1 Installing the  
Windows Version of vCenter 2.2  
Deploying the vCenter Server  
Appliance 2.3 Configuring the vCenter  
Server Appliance - Adding an ESXi  
host to vCenter 2.4 Creating a VM  
Using the Web-Based vSphere Client  
3. Storage and Networking 3.1  
Configuring the Software iSCSI  
Initiator 3.2 Formatting an iSCSI LUN  
as a VMFS Volume 3.3 Mounting a  
NFS Datastore 3.4 Installing and  
Configuring the vSphere Storage  
Appliance (VSA) Manager 3.5 Working  
with a Standard vSwitch in the Web-  
Based vSphere Client 3.6 Working  
with a Distributed vSwitch in the Web-  
Based vSphere Client 3.7 Working  
with a Standard vSwitch in the  
Windows-Based vSphere Client 3.8



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Working with a Distributed vSwitch in the Windows-Based vSphere Client 4.  
Scalability and Protection 4.1  
Configuring High Availability and DRS Clusters 4.2 Deploying and Configuring the vSphere Data Protection (VDP) Appliance 4.3  
Testing a Backup and Restore Using the VDP Appliance 4.4 Deploying and Configuring the vSphere Replication Appliance 4.5 Replicating and Testing a VM Using the vSphere Replication Appliance 4.6 Installing and Configuring the vSphere Update Manager (VUM) 4.7 Using the vSphere Update Manager (VUM) to Patch ESXi Hosts Summary of VMware vSphere 5 Jumpstart VMware Press is the official publisher of VMware books and training materials, which provide guidance on the critical topics facing today's technology

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professionals and students. Enterprises, as well as small- and medium-sized organizations, adopt virtualization as a more agile way of scaling IT to meet business needs. VMware Press provides proven, technically accurate information that will help them meet their goals for customizing, building, and maintaining their virtual environment. With books, certification and study guides, video training, and learning tools produced by world-class architects and IT experts, VMware Press helps IT professionals master a diverse range of topics on virtualization and cloud computing and is the official source of reference materials for preparing for the VMware Certified Professional Examination. For more information about VMware Press, please visit [vmwarepress.com](http://vmwarepress.com)

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"The VMware vSphere 6.5 Administration Basics Ultimate Bootcamp is a hands-on training course that features intensive practical training that focuses on administration basics of the VMware vSphere 6.5, which includes VMware ESXi 6.5 and VMware vCenter Server 6.5. This course enables the candidates to efficiently manage and administer a vSphere infrastructure of any size for any organization. It is the foundation course for most of the other VMware technologies courses and also provides a starting point to explore deeper in the field of software-defined data center."--Resource description page.

VCP4 Exam Cram VMware Certified Professional VCP-410 Exam Second Edition Elias Khnaser VCP4 Exam Cram, Second Edition, is the perfect

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study guide to help you pass the VMware VCP-410 exam. It provides coverage and practice questions for every exam topic. The book contains an extensive set of preparation tools, such as quizzes, Exam Alerts, and a practice exam, while the CD provides real-time practice and feedback with a 75-question test engine. Covers the critical information you'll need to know to score higher on your VCP-410 exam! . Master the essential concepts of VMware vSphere 4 . Plan, install, deploy, and configure ESX/ESXi 4.1 . Understand how VMware vSphere 4 is licensed . Implement reliable virtualized storage operations . Administer ESX/ESXi 4.1 with vCenter 4.1 . Manage virtual machine operations . Systematically secure your virtual infrastructure . Manage and monitor virtual resources .

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Troubleshoot problems with ESX/ESXi 4.1 . Implement effective backup, disaster recovery, and business continuity . Maximize system availability in virtualized environments

Elias Khnaser is an author, speaker, and IT consultant specializing in Microsoft, Citrix, and VMware virtualization technologies. Elias is the practice manager for virtualization and cloud computing at Artemis Technology. With more than 14 years of experience, Elias is one of the world's leading experts on virtualization and cloud computing and is a recipient of the VMware vExpert award.

CD Features 75 Practice Questions The test engine gives you an effective tool to assess your readiness for the exam . Detailed explanations of correct and incorrect answers . Multiple test modes .

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Random questions and order of answers . Coverage of each VCP-410 exam topic

Design a virtualized data center with VMware vSphere 6.7

Leverage the power of vSphere for effective virtualization, administration, management and monitoring of data centers

VMware Certified Professional  
VMware VSphere Virtualization  
Fundamentals LiveLessons (Video  
Training)

Mastering VMware vSphere 6.5  
Written by VM-certified  
instructors with years of  
professional and teaching  
experience, VMware  
Certified Professional  
Test Prep is the ultimate  
guide to the VCP exam. Its

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organized and highly practical approach will help administrators successfully complete the exam while also maximizing their ability to apply this tool on the job. The guide covers the body of knowledge required of a VMware certified professional, provides the tools needed to keep that knowledge current, and helps develop the wherewithal to apply that knowledge to real solutions. Covering the ESX 3.0.x through ESX 3.5.x releases that are the focus of the VCP test,

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this volume: Reproduces many of the real-world examples that have proven very helpful to students in the authors' classrooms Applies step-by-step instructions to more than 700 software screenshots, providing a virtual hands-on experience Points to Web resources that will keep the reader current with the latest advances Includes logistical information on the test, including costs and class location Covers background information on various topics such as storage and networking to provide a



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complete understanding on the implementation of a VMWare VI3 solution Provides questions at the end of the chapters that cover the important concepts Also of great use to those administrators who have already received their certification, this book includes solutions to many of the common gotchas that they are certain to encounter in virtual environments. In particular, capacity-planning concepts reveal the specific details needed to make full use of VMware's unique resource

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management capabilities.

Troubleshooting tips appear throughout the book, making it a useful resource in the virtualized datacenter.

"In this VMWare vSphere training course, Glen Martin gives you an overview of installing and configuring a vSphere 5.1 environment. You will quickly become familiar with the core features of vSphere, and how to install and configure them. This tutorial is designed for the absolute beginner, and you do not need any prior vSphere

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experience to get the most from the lessons. Once you have completed this vSphere 5.1 Administration video tutorial, you will be familiar and comfortable with the process of installing and configuring vSphere for a development and testing lab."--Resource description page.

Explore the benefits of VMware vSphere 6.7 to provide a powerful, flexible, and secure virtual infrastructure, and secure apps. Next, you'll pick up on how to enhance your

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infrastructure with high-performance storage access, such as remote direct memory access (RDMA) and Persistent Key Features Design, deploy and manage VMware vSphere virtual data centers  
Implement monitoring and security of VMware workloads with ease  
Explore tips and techniques for designing a robust virtual infrastructure Book  
Description vSphere 6.7 is the latest release of VMware's industry-leading virtual cloud platform. By understanding how to

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manage, secure, and scale apps with vSphere 6.7, you can easily run even the most demanding of workloads. This Learning Path begins with an overview of the features of the vSphere 6.7 suite. You'll learn how to plan and design a virtual infrastructure. You'll also gain insights into best practices to efficiently configure, manage, and secure apps. Next, you'll pick up on how to enhance your infrastructure with high-performance storage access, such as remote

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direct memory access (RDMA) and Persistent memory. The book will even guide you in securing your network with security features, such as encrypted vMotion and VM-level encryption. Finally, by learning how to apply Proactive High Availability and Predictive Distributed Resource Scheduler (DRS), you'll be able to achieve enhanced computing, storage, network, and management capabilities for your virtual data center. By the end of this Learning Path, you'll be

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able to build your own VMware vSphere lab that can run high workloads. This Learning Path includes content from the following Packt products: VMware vSphere 6.7 Data Center Design Cookbook - Third Edition by Mike Brown and Hersey Cartwright Mastering VMware vSphere 6.7 - Second Edition by Martin Gavanda, Andrea Mauro, Karel Novak, and Paolo Valsecchi What you will learn Understand how to patch, upgrade, and manage a virtual environment with vSphere 6.7 Identify key

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factors related to a  
vSphere design Mitigate  
security risks and meet  
compliance requirements in  
a vSphere design Create a  
vSphere conceptual design  
by identifying technical  
and business requirements  
Map the logical resource  
design into the physical  
vSphere design Create  
professional vSphere  
design documentation Who  
this book is for This  
Learning Path is for  
administrators,  
infrastructure engineers,  
consultants, and  
architects who want to  
design virtualized data



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center environments using VMware vSphere 6.x (or previous versions of vSphere and the supporting components). Basic knowledge of VMware vSphere is required to get the most out of this Learning Path.

4+ Hours of Video

Instruction Overview: The VCP5-DCV Official Cert Training for Exam VCP550 is for anyone who wants to get the delta of information from the previous VCP510 exam in order to procure the VCP-DCV Certification.

Description: As the demand

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for IT professionals with data center virtualization skills increases, having a VMware certification helps to distinguish you in the IT professional market.

Per VMware, "Having a VCP-DCV certification confirms that you have the education needed to successfully install, deploy, scale and manage VMware vSphere environments, as well as the skills obtained by a minimum of six months experience with VMware infrastructure technologies." At VMworld 2013 VMware announced

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vSphere 5.5, the latest release of VMware's industry-leading virtualization platform. No trivial update, this release included a lot of improvements and many new features and capabilities. Covering the official blueprint, bestselling author and VCI (VMware Certified Trainer) Bill Ferguson is ready to get you up-to-speed on the changes made in vSphere 5.5. For a thorough and complete VCP5 certification self-study program, covering all new content as well as

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foundation topics, combine this VCP5-DCV Official Cert Training with The Official VCP5 Certification Guide (VMware Press). About the Instructor: Bill Ferguson , VCI (3,4,5), VCP (3,4,5), MCT, MCSE, MCP+I, CCNA, A+, Network+, Server+, has been in the computer industry for more than 15 years. Originally in technical sales and sales management with Sprint, Bill made his transition to Certified Technical Trainer in 1997 with ExecuTrain. Bill now runs his own company as an

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independent contractor in Birmingham, Alabama, teaching classes for most of the national training companies and some regional training companies and corporations. In addition, Bill writes and produces technical training videos for Virtual Training Company, Inc. and Specialized Solutions, Inc. His current titles include A+, Network+, Windows 2000 Management, Windows XP Management, Windows 2000 Security, Server+, and Interconnecting Cisco

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Network Devices. Bill keeps his skills sharp by being a technical reviewer for books and sample tests. Bill says, "My job is to understand the material so well that I can make it easier for my students to learn than it was for me to learn."

Skill Level Intermediate  
Topics Covered Overview of new vSphere 5.5 topics and why they are needed, including: Single sign-on  
New vDS features VSAN  
Enh...

VMware Certified  
Professional Test Prep  
VCA-DCV VMware Certified

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Associate on vSphere Study  
Guide

VCP VMware Certified  
Professional on vSphere 4  
Study Guide

VMware VSphere 5 Jumpstart  
(Video Training) (DVD)  
Exam 2VO-21.19

Having a vSphere home lab is a valuable resource for testing and training. This course walks you through the process of creating a vSphere 6.7 lab on your own computer. You can learn how to use VMware Workstation 15 and vSphere 6.7 and get hands-on practice creating multiple virtual machines. When you're done, you will have a completely functional vSphere 6.7 lab environment, complete with a router, domain controller, virtual NAS device, and multiple ESXi hosts. With

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vCenter deployed, you will be able to practice launching the vSphere Client and manage your environment. These skills are valuable for any aspiring network administrator without access to expensive hardware, as well as those preparing for the VMware Certified Professional (VCP), vSphere Foundations, or VMware Certified Associate (VCA) exams. Note: The course is about an hour in length, but if you are following along at home the process to completely build your home lab should take two to three hours. This course was created by Rick Crisci. We are pleased to offer this training in our library.

Learning PowerCLI is written in a friendly and practical style with a focus on getting you started and automating daily tasks quickly and efficiently. If you manage or administrate a vSphere



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environment, and want to make that easier and more efficient, then this book is for you! This book is ideal for you if you want to learn how to automate your VMware vSphere infrastructure, by getting the most out of PowerCLI. It's assumed that you have some experience in administrating a VMware vSphere environment. Knowledge of Microsoft's Windows PowerShell is not a prerequisite.

Virtualization and cloud computing are the future of our IT infrastructure. It's important for system administrators who want to succeed to have a strong foundation in virtualization technologies, particularly in the popular virtual environment VMware vSphere, including the ESXi hypervisor and vCenter Server. With vSphere, you can create virtual machines that bypass the need for additional expensive hardware

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and provide features not available on a physical system—a perfect setup for exploring new technologies and setting up test environments. This course teaches the basics of installing, configuring, and maintaining vSphere 6, including installation of the ESXi hypervisor and vCenter Server using a pre-created environment called AutoLab. Following lab creation, Brandon Neill introduces the core components of vSphere (ESXi and vCenter) and shows how to configure storage and networking. Finally, he runs through some typical virtual-machine management tasks, such as creating a virtual machine manually vs. creating one with templates and clones, working with snapshots, and performing a vMotion migration.

"The VMware Ultimate Bootcamp vSphere 6.0 is a course that features

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intensive hands-on training that focuses on installing, configuring, managing and troubleshooting VMware vSphere 6.0, which includes VMware ESXi 6.0 and VMware vCenter Server 6.0. This course enables the candidates to efficiently manage and administer a vSphere infrastructure of any size for any organization. It is the foundation course for most of the other VMware technologies courses and also provides a starting point to explore deeper in the field of software-defined data center. The VMware Ultimate Bootcamp vSphere 6.0 course covers the fundamental tools and techniques required to plan, install and administer a VMware environment including disaster recovery and backup. It also teaches the students on creating, configuring and securing virtual machines. The students will get a basic

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understanding of licensing and different components of the VMware vSphere suite of applications. The course will be helpful in preparing for the Certified Virtualization Expert (CVE) exam from VMware."--Resource description page.

VMware vSphere 6 Essential Training

VCP6 Off Cert Gd (Cov ePub \_3

VCP5-DCV Official Cert Training

VMware vSphere 6.5 Essential

Training Part 1

Create a vSphere 6.7 VCP Lab with

VMware Workstation

VMware vSphere 4 virtualization

certification-here's how to prepare

for the exam! VMware's vSphere 4

is the latest offering from this

leading virtualization software

provider. With today's emphasis

on going green and cutting costs,

virtualization of IT infrastructures

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