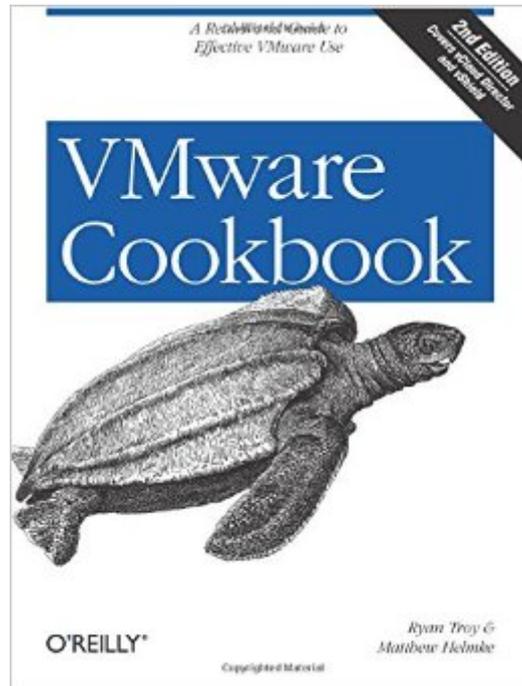# VMware Cookbook: A Real–World Guide To Effective VMware Use

Synopsis

With scores of step-by-step solutions, this cookbook helps you work with VMware ESXi in a wide range of network environments. Youâ ™ll not only learn the basicsâ ”how to pool resources from hardware servers, computer clusters, networks, and storage, and then distribute them among virtual machinesâ ”but also how to overcome the stumbling blocks youâ ™ll encounter when you monitor systems, troubleshoot problems, and deal with security.This expanded second edition covers recent advances in vCloud Director and vShield cloud security. Ideal for system administrators of any level, VMware Cookbook also includes valuable information to help you determine your virtualization needs.Move into the cloud with vCloud Director, and secure virtual datacenters with vSphereSecure and monitor your virtual environment from the command lineManage disk, SSD, and SAN storage implementation and configurationDiscover options for managing resources, such as clustering, shares, and hot add/hotplug supportConfigure logical and physical networks, including virtual switches and software and hardware adaptersMake virtual machine replication easier by automating ESXi installationsGain valuable tips for configuration and fine-tuning

Book Information

Paperback: 364 pages

Publisher: O'Reilly Media; 2 edition (June 25, 2012)

Language: English

ISBN-10: 1449314473

ISBN-13: 978-1449314477

Product Dimensions: 7 x 0.8 x 9.2 inches

Shipping Weight: 1.3 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 starsÂ Â See all reviewsÂ (16 customer reviews)

Best Sellers Rank: #535,327 in Books (See Top 100 in Books)   #106 inÂ Books > Computers & Technology > Networking & Cloud Computing > Network Administration > Windows Administration #114 inÂ Books > Computers & Technology > Networking & Cloud Computing > Network Administration > Linux & UNIX Administration   #148 inÂ Books > Computers & Technology > Operating Systems > Linux > Networking & System Administration

Customer Reviews

As someone who works with VMware most everyday, I'm always on the lookout for new tips, ideas and things that make administration easier.VMware Cookbook is organized into seven chapters that cover everything from installation to automation and much in between. The authors do a great job of

explaining the nuts and bolts of core VMware functions in very understandable terms. The resource management and automation chapters were particularly useful and apply to tasks I come across frequently.This is not a book that offers a broad reference - and doesn't claim to be; rather it offers VMware admins many, many useful tips, configuration options and excellent ways to fine-tune your systems. If you're looking beyond the basics of virutalization with VMware and want to get a better understanding of specific areas and learn more about optimizing and monitoring ESX, this is an excellent resource for you.

The VMware Cookbook is all about VMware's enterprise products: ESX, ESXi, Virtual Center, as well as content on vSphere.This book is a must-have for anyone responsible for implementing and/or maintaining an ESX environment. It is chock full of tips, tricks, and how-to's gleaned from real world experience, most of which provide detailed step-by-step instructions. There are cookbook style recipes included for just about every major topic within ESX: installation, networking, resource management, security, storage, and a huge section of miscellaneous tips.What I really appreciate about this book is the mix of recipes using the command line as well as the virtual center client. We're not talking just a "man page" for a command - these are practical example uses of ESX commands - all in an easy to follow format.I find it cumbersome to weed through four or five 300-page manuals trying to find information on how to perform a specific task (and worse, having bits and pieces of information scattered throughout all of them). This book pulls those pieces together to address real-world scenarios that systems administrators and engineers are faced with on a regular and sometimes not-so-regular basis.

The people who built our ESX cluster from the ground up have both moved on to another company. The administration of ESX has now fallen upon me. With our training budget being nonexistent, this book has proven to be an extremely valuable resource in the day to day operations of our cluster.I find the Recipe format very easy to follow. The Discussion section of the recipe provides clear and concise information. The links to websites that are provided have proven quite useful also.The information in this book has proven invaluable for me and the support I am able to offer my company. I hope to see more information on Vmware 4.0 in the next edition.

VMware CookbookRyan Troy and Matthew HelmkeO'ReillyVMware Cookbook is written in a similar fashion to what many IT professionals are accustomed to when searching the knowledge base of any vendor. It clearly states the problem, the solution and an area for discussion. It would be

extremely difficult, if not impossible to cover every problem that an administrator will encounter when working with a virtual environment, however, this book addresses a wide array of issues and common tasks from installation to networking and general security. The book will benefit professionals who are beginning to plan their first virtual environment, as well as, those who have been working with VMware for sometime and are interested in performing more advanced level tasks. The setup of the book allows for quick reference to determine what tasks are available when administering a virtual environment. One area I would have liked to see the authors include is a general troubleshooting chapter to cover some common issues and nuances of working in a virtual environment that a new administrator may experience.Overall this book is a handy utility that any virtual administrator should have in their library for quick reference.

I am the lone VMWare DevOp where I work and my employer has limited funds for training so taking any courses is not possible. While I have been responsible for the VMWare environment for the last several years I often have to go search the web when specific issues arise that I have not dealt with. To help with this I was focused on getting two books to improve my knowledge in this area.I know Matthew Helmke from the Ubuntu Community and his name being on this title helped me make the decision to purchase as I enjoy his writing style and trust books he is associated with. I have not finished the book cover to cover yet, but after discovering simple things like 'esxtop' I expect it to pay dividends in the future. I also plan on taking a look at the web client since I run Ubuntu at work and currently have to use a Windows Virtual Machine to run the vSphere client.

Vital to what I do! Rather than just doing the steps, this book explains what is going on so when I need to troubleshoot, I can apply what I have learned & know to resolve problems for which there is no cookbook answer! A great reference book!

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