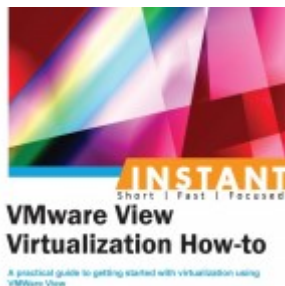# Publications

This page will list the Books, Papers I have ever written and officially published.

VMware View – How To [Instant]

The recipes are accompanied with relevant screenshots with an intention to provide a visual guidance as well. The book concentrates more on the actual task rather than the theory around it, making it easier to understand what is really needed to achieve the task. However, most of the concepts have been well described to help the reader understand its background and working.

Virtualization is the single most effective way to reduce IT expenses while boosting efficiency and agility, not just for large enterprises, but for small and midsize businesses too. VMware View helps you set up the Virtual Desktop Infrastructure (VDI) across multiple environments.

Instant VMware View Virtualization How-to is a practical implementation guide for Basic, Advanced, and Expert users that provide step-by-step explanations with the help of screen captures. It also explores some of the problems you face on a day-to-day basis when working with VMware View. This book is also very useful for users who are planning to implement a VDI solution in their environment.

Instant VMware View Virtualization How-to is a complete reference guide to VMware View 5. It helps you to plan and understand the new topics and features of VMware View 5. It is useful for testing and implementation practices of VDI. The book covers details that are not available in the VDI documentation of VMware View. This book helps you understand the problems that you will face with VMware View using practical scenarios, and you will also learn how to fix them. This book would help you become an expert on VMware View 5 within a short span of time.

- **Authors:** Ramesh Geddam, Prasenjit Sarkar
- **Paperback:** 76 pages
- **Publisher:** Packt Publishing
- **Language:** English
- **ISBN-10:** 1849689164
- Kindle – $ 7.19
- Paperback – 17.99
- Safari Online

vSphere High Performance Cookbook

VMware vSphere is the key virtualization technology in today's market. vSphere is a complex tool and incorrect design and deployment can create performance-related problems. vSphere High Performance Cookbook is focused on solving those problems as well as providing best practices and performance-enhancing techniques.

vSphere High Performance Cookbook offers a comprehensive understanding of the different components of vSphere and the interaction of these components with the physical layer which includes the CPU, memory, network, and storage. If you want to improve or troubleshoot vSphere performance then this book is for you!

vSphere High Performance Cookbook will teach you how to tune and grow a VMware vSphere 5 infrastructure. This book focuses on tuning, optimizing, and scaling the infrastructure using the vSphere Client graphical user interface. This book will enable the reader with the knowledge, skills, and abilities to build and run a high-performing VMware vSphere virtual infrastructure.

You will learn how to configure and manage ESXi CPU, memory, networking, and storage for sophisticated, enterprise-scale environments. You will also learn how to manage changes to the vSphere environment and optimize the performance of all vSphere components.

This book also focuses on high value and often overlooked performance-related topics such as NUMA Aware CPU Scheduler, VMM Scheduler, Core Sharing, the Virtual Memory Reclamation technique, Checksum offloading, VM DirectPath I/O, queuing on storage array, command queuing, vCenter Server design, and virtual machine and application tuning.

By the end of this book you will be able to identify, diagnose, and troubleshoot operational faults and critical performance issues in vSphere.

- **Author:** Prasenjit Sarkar
- **Paperback:** 270 pages
- **Publisher:** Packt Publishing
- **Language:** English
- **ISBN-10:** 1782170006
- Kindle – $ 26.39
- Paperback – 54.99

VMware vCloud Security

Security is a major concern, in particular now that everything is moving to the cloud. A private cloud is a cloud computing platform built on your own hardware and software. The alternative is to deploy the services you need on a public cloud infrastructure provided by an external supplier such as Amazon Web Services, Rackspace Cloud, or HP Public Cloud. While a public cloud can afford greater flexibility, a private cloud gives you the advantage of greater control over the entire stack.

"VMware vCloud Security" focuses on some critical security risks, such as the application level firewall and firewall zone, virus and malware attacks on cloud virtual machines, and data security compliance on any VMware vCloud-based private cloud. Security administrators sometimes deploy its components incorrectly, or sometimes cannot see the broader picture and where the vCloud security products fit in. This book is focused on solving those problems using VMware vCloud and the vCloud Networking and Security product suite, which includes vShield App, vShield Endpoint, and vShield Data Security.

Ensuring the security and compliance of any applications, especially those that are business critical, is a crucial step in your journey to the cloud. You will be introduced to security roles in VMware vCloud Director, integration of LDAP Servers with vCloud, and security hardening of vCloud Director. We'll then walk through a hypervisor-based firewall that protects applications in the virtual datacenter from network-based attacks. We'll create access control policies based on logical constructs such as VMware vCenter Server containers and VMware vShield security groups but not just physical constructs, such as IP addresses. You'll learn about the architecture of EPSEC and how to implement it. Finally, we will understand how to define data security policies, run scans, and analyze results.

- **Author:** Prasenjit Sarkar
- **Paperback:** 110 pages
- **Publisher:** Packt Publishing
- **Language:** English
- **ISBN-10:** 1782170960
- [Kindle – $ 14.39](#)
- [Paperback – 29.99](#)

Implementing Cisco UCS Solutions

Cisco Unified Computing System(UCS) provides unique features for the contemporary data centers. Cisco UCS is a unified solution that consolidates computing, network and storage connectivity components along-with centralized management. Cisco UCS reduces TCO and improves scalability and flexibility. Stateless computing blade server's design simplifies the troubleshooting, and Cisco-patented extended memory technology provides higher virtualized servers consolidation results.

A hands-on guide to take you through deployment in Cisco UCS. With real-world examples for configuring and deploying Cisco UCS components, this book will prepare you for the practical deployments of Cisco UCS data centre solutions.

If you want to learn and enhance your hands-on skills with Cisco UCS solutions, this book is certainly for you.

Starting with the description of Cisco UCS equipment options, this hands-on guide then introduces Cisco UCS Emulator which is an excellent resource to practically learn Cisco UCS components' deployment. You will also be introduced to all areas of UCS solutions with practical configuration examples.

You will also discover the Cisco UCS Manager, which is the centralized management interface for Cisco UCS. Once you get to know UCS Manager, the book dives deeper into configuring LAN, SAN, identity pools, resource pools, and service profiles for the servers. The book also presents other administration topics including Backup, Restore, user's roles, and high availability cluster configuration. Finally, you will learn about virtualized networking, 3rd party integration tools and testing failure scenarios.

You will learn everything you need to know for the rapidly growing Cisco UCS deployments in the real-world.

- Author: Prasenjit Sarkar, Farhan Nadeem
- Paperback: 383 pages
- Publisher: Packt Publishing
- Language: English
- ISBN-10: 1782170669
- [Kindle – $ 23.99](#)
- [Paperback – 49.99](#)