The Book of Xen: A Practical Guide for the System Administrator

By Chris Takemura, Luke S. Crawford

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Xen, the open source virtualization tool, is a system administrator's dream. Xen is a free, high-performance virtual machine monitor that lets you consolidate your hardware and finally put those unused cycles to use—without sacrificing reliability, performance, or scalability.

The Book of Xen explains everything you need to know in order to use Xen effectively, including installation, networking, memory management, and virtualized storage. You'll also learn how to use Xen and standard Linux tools to take snapshot backups, perform QoS operations on network traffic, and limit over-aggressive disk users.

Authors Chris Takemura and Luke S. Crawford show you how to:

- Provide virtual hosting for dozens of users, each with their own individual needs
- Install and manage multiple guests, including various flavors of Linux, NetBSD, Solaris, and Windows
- Choose the right virtual storage options for your needs
- Migrate your systems seamlessly and create new images
- Tune and benchmark your systems to make them as fast as possible
- Troubleshoot Xen's most common problems like network and memory management

Expert advice is priceless when it comes to running a complicated open source virtualization technology like Xen. You'll get the advice you need in *The Book of Xen*.

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Editorial Review

About the Author

Chris Takemura is a recent graduate, occasional Xen consultant, and itinerant writer. He is currently working on a Xen hosting venture at prgmr.com and biking about the Bay Area.

Luke S. Crawford has been working with virtualization since before it was cool, selling virtual servers based on FreeBSD jails before diving headfirst into Xen. He is currently a Xen consultant, working on corporate server consolidation in a Fortune 100 corporate environment and works on a Xen hosting venture at prgmr.com.

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