



Xen.org

“Our open development model, support for industry standard management APIs and our open, active engagement with the security community to secure the hypervisor ensure that Xen continues to outclass proprietary hypervisors.”

Ian Pratt

Creator of Xen and Founder of Xen.org

Why Xen Hypervisor?

- Global open source developer community – growing pool of virtualization expertise
- Innovation engine for next generation virtualization platform
- Platform for industry leading virtualization solutions

Information at www.xen.org

Overview

Enterprises looking to increase server utilization, consolidate server farms, reduce complexity, and decrease total cost of ownership are embracing server virtualization. The Xen® hypervisor is the fastest and most secure infrastructure virtualization solution available today, supporting a wide range of guest operating systems including Windows®, Linux®, Solaris®, and various versions of the BSD operating systems.

With Xen virtualization, a thin software layer known as the Xen hypervisor replaces the server and desktop operating system. This provides an abstraction layer that allows each physical server to run one or more "virtual servers", effectively decoupling the operating system and its applications from the underlying physical server.

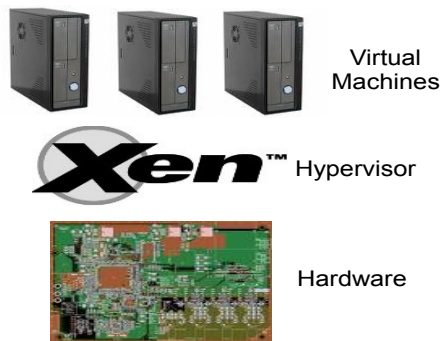
The Xen hypervisor is a unique open source technology, developed collaboratively by the Xen community and engineers at over 50 of the most innovative data center solution vendors, including AMD, Citrix, Dell, Fujitsu, HP, IBM, Intel, NEC, Novell, Red Hat, Samsung, SGI, Sun, Unisys, and many other industry leaders. Xen is licensed under the GNU General Public License (GPL2) and is available at no charge in both source and object format. Xen is, and always will be, open sourced, uniting the industry and the Xen ecosystem to speed the adoption of virtualization in the enterprise.



Technology

The Xen Hypervisor maintains a set of management services in virtual machines that control hardware access, VM communications, VM start/stop, and other essential services. These management VMs are started during system boot and securely manage the entire device.

The Xen Hypervisor also supports enlightened virtual machines also known as paravirtualized virtual machines as well as images that are not aware of the virtualization platform often referred to as fully virtualized guests.



Xen Project Mission

The Xen.org community follows these project mission statements:

- Build the industry standard open source hypervisor
 - Core “engine” in multiple vendor's products
- Maintain Xen's industry leading performance
 - First to exploit new hardware virtualization features
- Help OS vendors paravirtualize their OSes
- Maintain Xen's reputation for stability and quality
- Support multiple CPU types for large and small systems
- Foster innovation
- Drive interoperability

Join the Xen Community at <http://www.xen.org>

About Xen.org

Xen.org is the home of the open source Xen® hypervisor, a fast, secure industry standard code base for operating system virtualization. Founded and led by Ian Pratt, the community benefits from the contributions of senior engineers from more than 50 leading hardware, software, and security vendors. Xen.org is run for the benefit of the community by the Xen Project Advisory board, which is drawn from leading contributors to the project. For more information, visit www.xen.org.