

Citrix® XenServer Enterprise Edition

Try Citrix XenServer Enterprise Edition

Download a 30-day trial version of Citrix XenServer Enterprise Edition and see how its enterprise virtualization works for your business.

What is Xen?

The Xen hypervisor is a unique open source technology invented by a team led by Ian Pratt at the University of Cambridge (who subsequently founded XenSource) and developed cooperatively by the world's best engineers at over 20 of the most innovative data center solution vendors. With Xen virtualization, a thin software layer (known as the Xen hypervisor) is installed directly on the hardware, or "bare metal," and is thereby inserted between the server's hardware and the 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. Xen's paravirtualization technology is widely acknowledged as the fastest and most secure virtualization software in the industry, and is enhanced by taking full advantage of the latest Intel VT and AMD-V hardware virtualization assist capabilities. Xen is exceptionally lean-- less than 50,000 lines of code -- which translates to extremely low overhead and near-native performance for guests.

Citrix XenServer Enterprise Edition

Citrix XenServer Enterprise Edition is a powerful platform managing virtualization as a flexible aggregated pool of compute and storage resources, for dynamic managed virtualization environments for the enterprise. A dedicated virtualization platform based on the Xen hypervisor, Citrix XenServer Enterprise Edition delivers an open, proven and supported solution for server virtualization.

With Citrix XenServer Enterprise Edition, you can:

- **Consolidate** existing server infrastructure into a dynamic pool of resources
- **Streamline** software development and testing with instant server cloning and restoration
- **Simplify IT testing** of patches, new applications and operating systems
- **Simplify server provisioning** by building a virtual machine once and deploying it multiple times
- **Evaluate software** in ready-to-run virtual machines without installation and configuration
- **Move legacy operating systems and applications** to newer hardware as virtual machines
- **Simplify disaster recovery and business continuity** plans by creating a uniform platform between multiple locations
- **Demo complex multi-tier software** setups using a single machine.

	Citrix XenServer Enterprise Edition
Administrative Model	Multiple Servers / pools
Physical Memory	1GB - 128GB
CPU Sockets	Unlimited
Simultaneously Active Guests	Unlimited
RAM per VM	32GB
Resource Pools	Yes
Shared Storage	Yes
Live Relocation	Yes
VLAN Configuration	Yes
Resource QoS (CPU, disk, network)	Yes



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