
INFRASTRUCTURE VIRTUALIZATION SOLUTION "NETSECURER APPLIANCE"



NETSECURER APPLIANCE – Lowers your energy consumption & Total Cost of Ownership, it centralize systems management, and allows the recovery of systems within minutes versus the typical hours/days in a none-virtualized infrastructure. **NetSecurer Appliance** provides faster deployment of new servers & services and adds a layer of security to your company's data.

It's a scalable solution, providing you with unparallel web and client management tools to centrally manage your complete virtualized environment. The NetSecurer Xen Appliance is a fully Virtualized platform that supports the major Linux and Windows operating systems and includes support for the next generation IPv6 internet protocol. Now you are able to run multiple servers on a bare-metal system built for the mission critical enterprise. By default each NetSecurer Xen Appliance is capably of running simultaneously 4x **Virtual Appliances or servers**.

Main core features include:

- Built around the Citrix XenServer Hypervisor for high performance at lower costs
- Centralized management with XenServer Client
- Expandable Hotswap storage, using SAS or SATA-II drives
- Supports RAID 0, 0+1, 1, 5 and 10
- Support for dual 64bit CPUs and virtualization technology (Intel/AMD VT)
- Supports 4GB – 64GB RAM per physical appliance
- Supports external iSCSI, NFS or Fibre Channel storage units
- Live Movement of servers between NetSecurer Appliances, zero downtime.

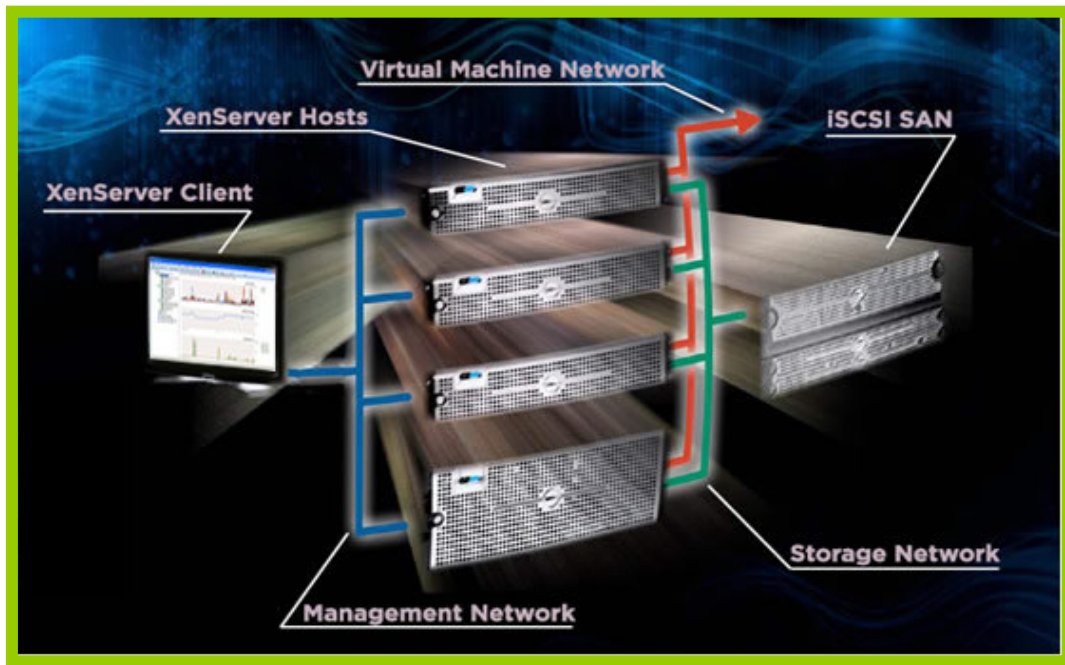


Diagram above shows NetSecurer Xen Appliance solution in a fully redundant setup with four physical servers where the virtual servers are hosted, each connected to three physical networks, the management network for XenServer Client and system backups, a Virtual Machine Network for the servers, and the iSCSI SAN network use for storage in a resource pool configuration. This setup allows live movement and placement of servers on any of the four servers, with a possible support of 16x servers by default.

Where, does the NetSecurer Appliance fit in an end – to – end Virtualization solution?

It's the core of the solution; it is used to remove the server software systems from its physical hardware components and placed in a virtual environment. This environment allows for the server software system to run as if it were on its own hardware platform. It has its own processors, memory pool, storage disks and so on. All allocated resources are scalable, dynamic and can be increased as needs be without having to purchase new hardware.

This solution reduces the total cost of ownership for any IT infrastructure, by allowing fewer hardware installations, for the same number of workloads or servers. Reduce physical server sprawl, under utilization and decrease cooling costs associated with having each workload on its own physical server for separation, when the same can be achieved using fewer hardware as our NetSecurer Appliance virtualization solution.

The NetSecurer Appliance virtualization solution is a complete set of components that facilitate the move to full end-to-end Virtualization of any size infrastructure. Provision new servers, from operating systems installation CDs or network installations medium or use templates of already built servers stored as files. The NetSecurer Solution allows for you to deploy virtual servers within minutes, or convert your existing Physical systems to become NetSecurer Virtual Servers with our Physical to Virtual (P2V) migration tool.



Above NetSecurer Server Appliances from left to right, **Standard – Enterprise – Platinum**
Below license cost for XenServer, the Express and OEM versions are default with each NetSecurer Appliance, a license upgrade allows for standard enterprise and platinum features. (Upgrade costs are listed in US Dollar)

