

SecXEN Appliance

SecXEN

SecXEN, an efficient and complete Virtualization Solution based on XEN. SecXEN is able to provide reliability and centralized management through an unified view of system and network infrastructure. SecXEN and virtualization both lead to IT systems cost reduction through optimized hardware resources usage.

SecXEN based on industry standards like XEN Hypervisor and Linux, both Open Source, secure and reliable Systems.

By integrating backup, snapshot, cloning and monitoring, SecXEN is designed for maximum uptime, data integrity and security, all of these in one single robust appliance.

The system can be easily managed from a standard Web browser or via a SSH tunnel.

Key features

- Robust Linux and Xen Systems
- Transparently run any Guest OS through Hardware Virtual Machine
- Access Control List to Administration of Guest OSes
- Near instant reimaging of Guest OSes
- Instant Backups and Snapshots
- Complete monitoring of resources Usage
- Small memory and CPU time Usage
- Managed from a standard Web browser, encrypted SSH tunnel

System security

SecXEN provides a logical segregation of the multiple Guest OS's installed on the XEN server. IN case of a system compromise or malfunction of one of the Guest OS's the other systems running on the SecXEN remain unaffected.

Key points of virtualization technology security model:

- One Guest OS for each service
- Temporary Guest Os for development purpose or untrusted access.
- Monitoring through isolated and hardened SecXEN Hypervisor

OS Snapshots features an easy and flexible backup solution. Restoring or duplicating a system has never been so easy.



The appliance

Dimension :

- Compact 1U rack-optimized
- 1.70"H x 24"L x 16.75"W

Standard :

- Intel Quad Core 2 processor
- 2 GB DDR2 SDRAM
- 2 x 100/1000 network adapters
- 2 x 500 GB HDD SATA II
- DVD-ROM
- SVGA, USB, Serial RS232C port, PS/2 keyboard/mouse connectors

Optional :

- Second Intel XEON processor
- Up to 8 GB DDR2 SDRAM
- Quad Ethernet 100/1000PT cards
- RAID controller

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