



**Welcome to Xen.org**  
**Home of the open source Xen hypervisor**

**Stephen Spector**  
**Community Manager, Xen.org**



Werner Vogels  
CTO,  
Amazon.com

"I think Xen is a great product. It is easy to use. But most important is the very active community around it.

I would not say many 'issues' around using Xen, but 'challenges' are addressed there [in the community] with the things every virtual machine has to deal with. Things such as: I/O-issues, guaranteed scheduling issues, domain zero security concerns,...

The community out there is very helpful. That was a very big reason for us in selecting Xen."

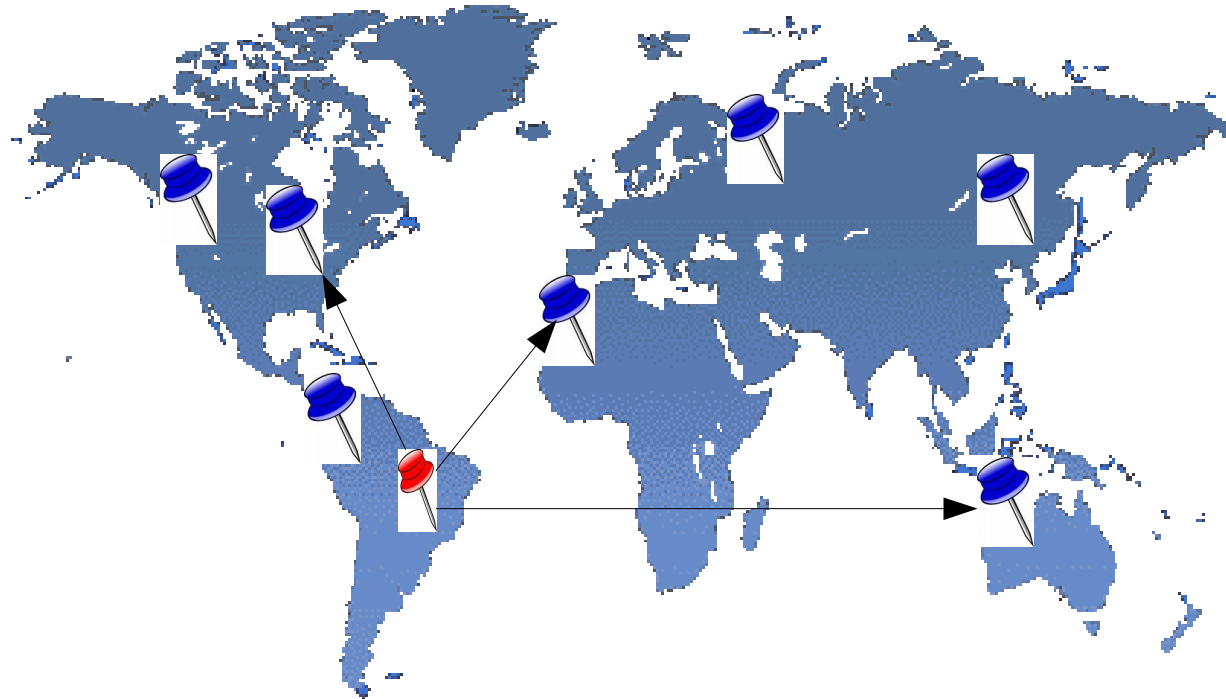
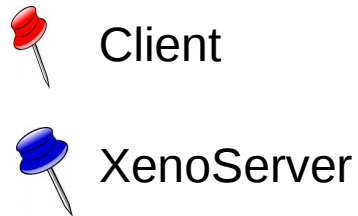
History of Xen.org Community & Xen Hypervisor

Why Xen?

Xen Project & Solution Family



# XenoServers – Cambridge University 1999



- Incremental rollout
- Flexible platform
- Unified management
- Global services and apps
- Exploit network topology
- Open commercial platform

- Controlling the XenServer Open Platform (Nov 02)

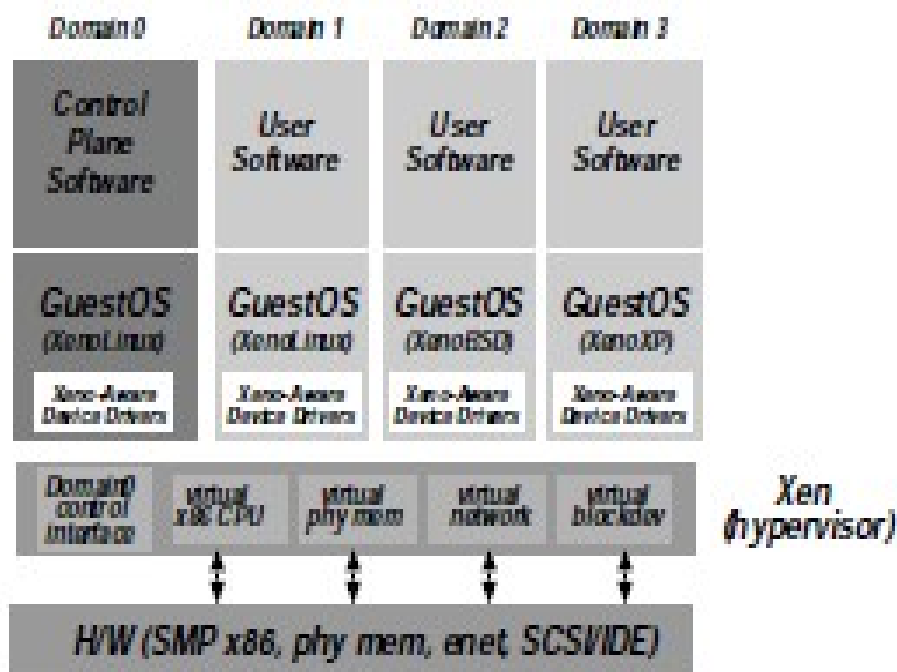


Fig. 4. The Structure of the Xen XenServer

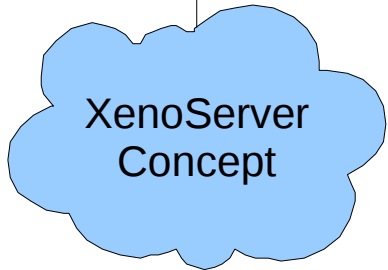
[Paper Home](#)- Cambridge University

[Xen.org Blog](#) – History of Xen

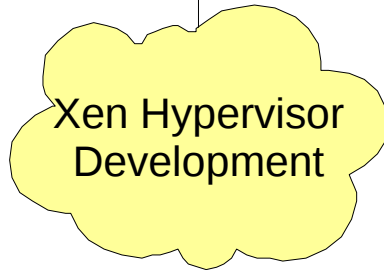
- [Part 1](#)
- [Part 2](#)
- [Part 3](#)
- [Part 4](#)

# History of Xen.org

1999



2002



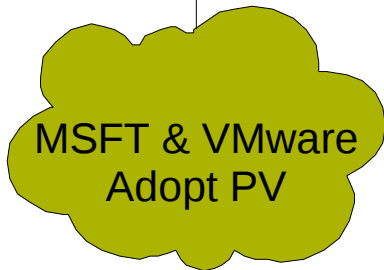
2004



2005



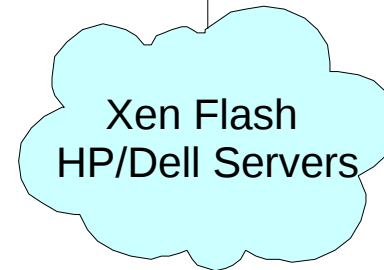
2006



2007



2008

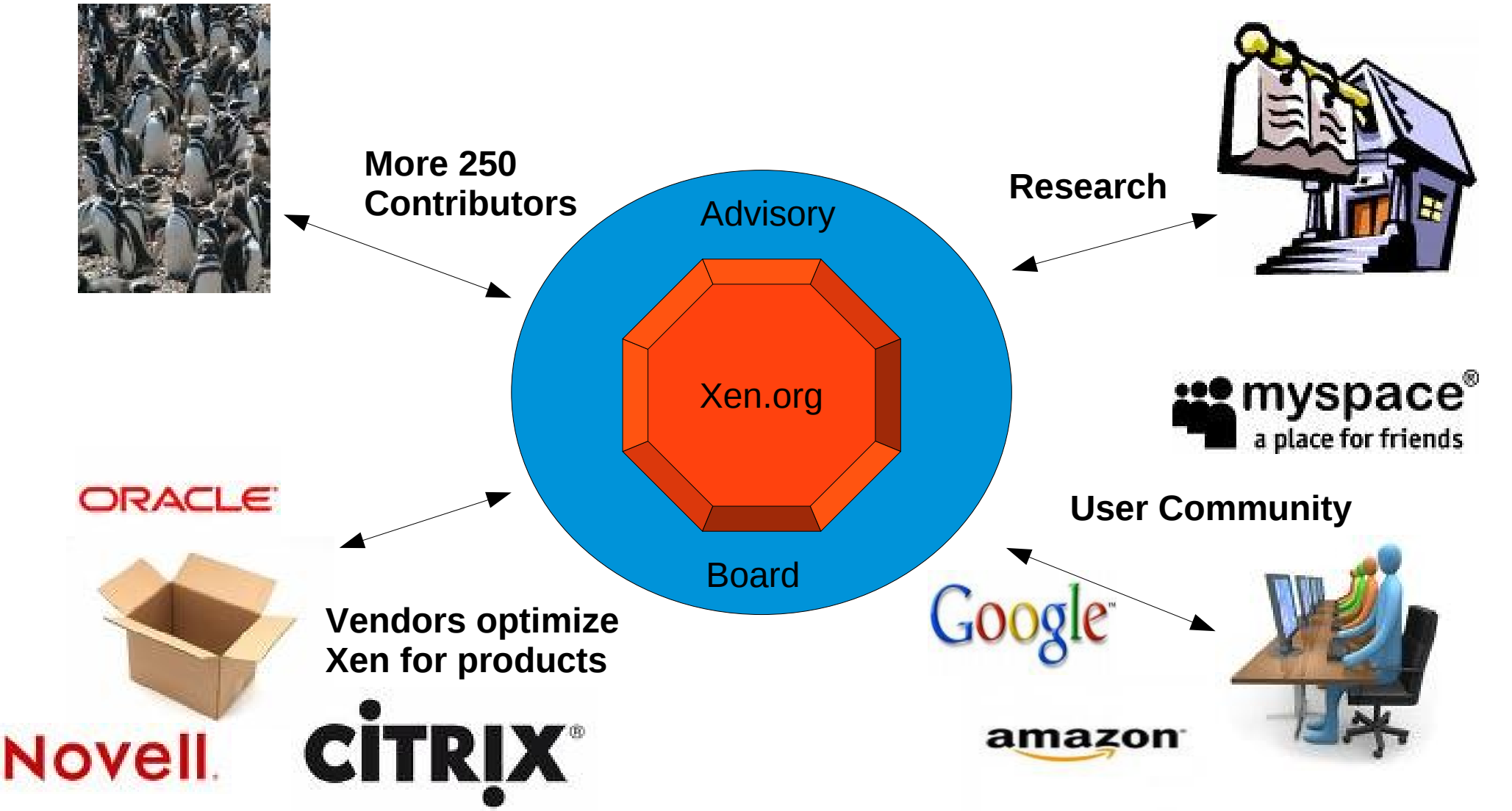


# Xen.org Project Mission Statement

- Build industry standard OSS Hypervisor
  - Core engine in various solutions
- Maintain industry leading performance
  - Exploit new hardware features
- Maintain stability and quality
  - Security is paramount
- Support multiple CPU types
  - Server to client to mobile phones
- Foster innovation
- Drive interoperability



# Xen.org Community



# Xen.org and ISV/IHV Community



## APPLICATION APPLIANCE



## APPLICATION MIGRATION



## BACKUP



## DATABASE



## GRID COMPUTING



## IDENTITY MANAGEMENT



## HA / DISASTER RECOVERY



## NETWORK HARDWARE



## P2V CONVERSIONS



## PROVISIONING



## SAN HARDWARE



## SECURITY



## SERVICE LEVEL AUTOMATION



## SYSTEM HARDWARE



## SYSTEM MANAGEMENT



## VIRTUALIZATION MANAGEMENT



## VIRTUAL APPLIANCES



## VIRTUAL LAB MANAGEMENT



# Why Xen?



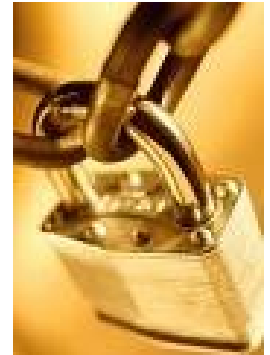
Performance



Bleeding Edge



Client-Server-Mobile



Security



Open Source



Community



In Cloud



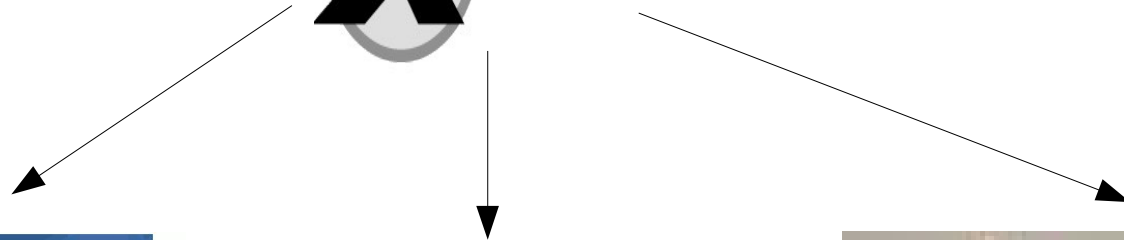
Enterprise Proven



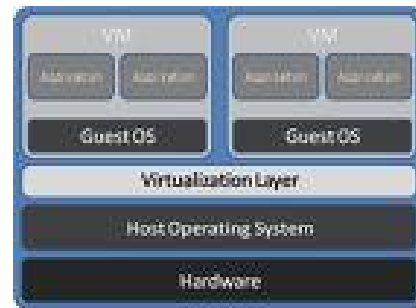
Scalability

# Xen.org Projects - Solutions

Hypervisor



**Cloud Xen**



**HXEN**



**XCI**

# Xen Hypervisor

## Clients



## Embedded



## Virtualization Software



## Cloud Providers





## Cloud Solution Providers



**Open Source  
Open Standards (DMTF) / API  
Management / Storage / Security**



## Cloud Xen Solution

- Enable Xen Hypervisor for ANY Device



**Security**



**Manageability**



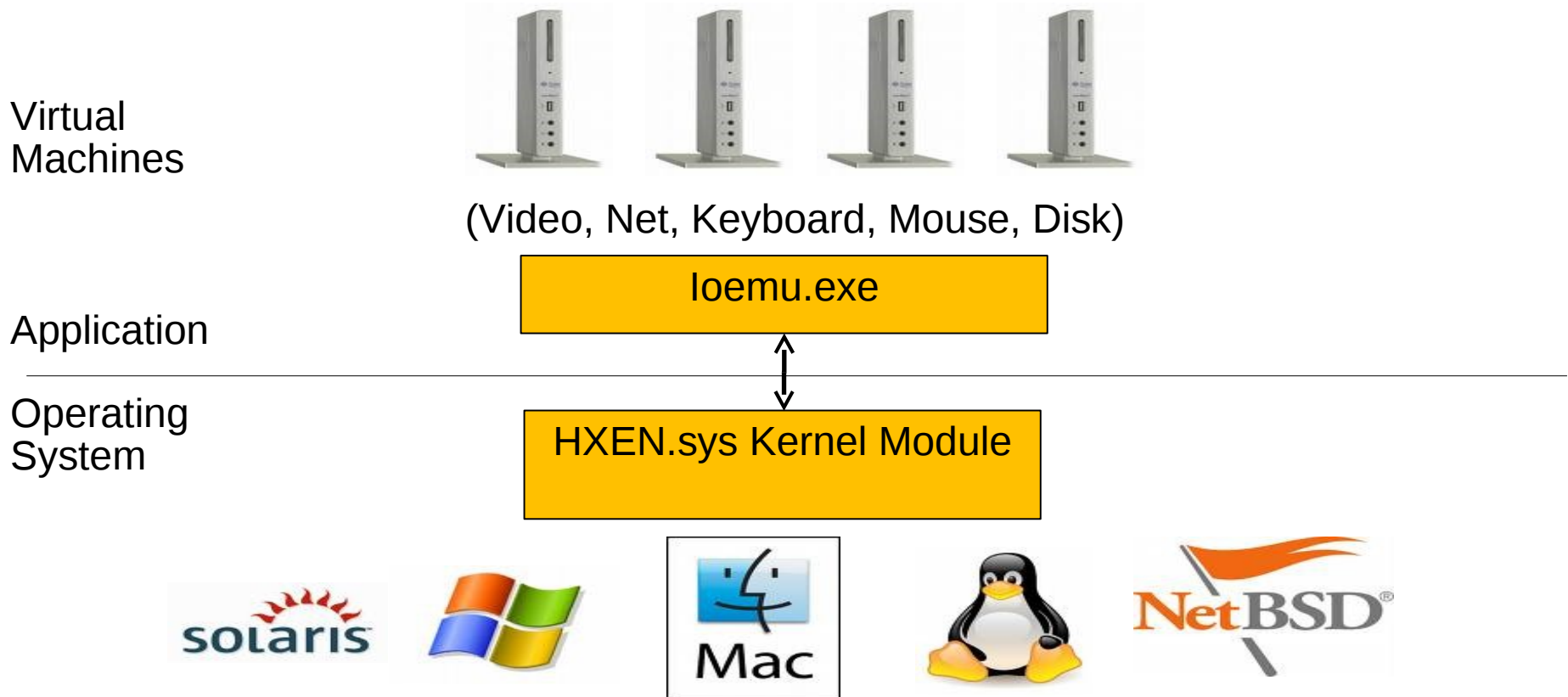
**Supportability**

Ian Pratt of Xen.org with Mark Templeton President and CEO of Citrix

- XCI Demo on Mac OSX Laptop
- Two VMs – Mac OSX and Windows XP
- Import Windows XP Applications into Mac OS X Interace

XCI Demo

- Port Xen Hypervisor to a Type 2 Hypervisor





[www.xen.org](http://www.xen.org)

## Search

Find Xen  
Solution



[Linux.com](http://Linux.com)



Linked in

## External Communities



Mailing Lists:  
[lists.xensource.com](http://lists.xensource.com)



Xen Store



User  
Groups





**Community Manger – Stephen Spector**  
[stephen.spector@xen.org](mailto:stephen.spector@xen.org)



**Legal Questions – Trademark Policy**  
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