

### **xVM Server and xVM VirtualBox**

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# Sun XVIVI Sun XV

Open, Easy, Internet Scale

Virtualize Everything, Manage Anywhere

**Sun xVM** | Virtual Box

Sun xVM | Server

# Sun xVM Portfolio

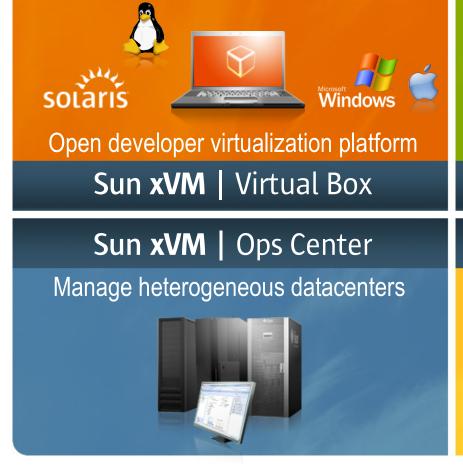
Sun xVM | Ops Center

Sun xVM | VDI



### Sun xVM Portfolio

### Open Virtualization for Desktop to Datacenter





# Sun xVM | VDI VDI with choice: Windows

Only VDI with choice: Windows, Solaris and Linux delivered securely



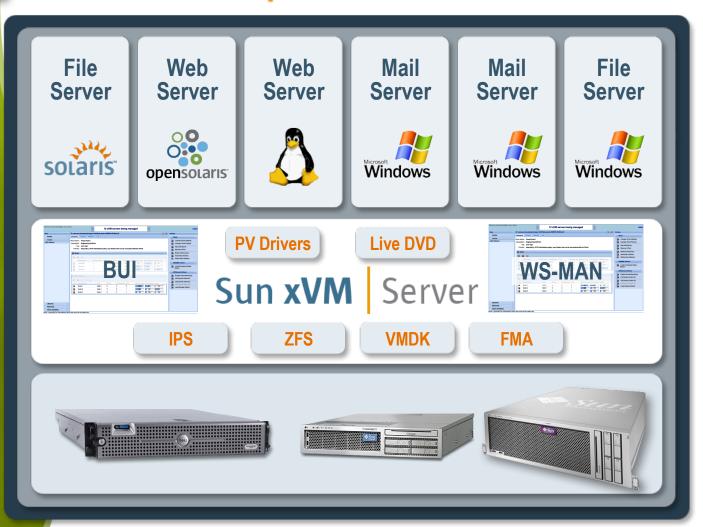






# Sun xVM Server

Enterprise Class Hypervisor







# Sun xVM Server | Virtualization

### **Server Virtualization**

- Built-in management
  - > Easy to use interface
  - > Low barrier to entry
- VMware compatible
- Windows SVVP certified (coming)
- Enterprise-class foundation
- Open source







# Sun xVM Server | Key Features

Interoperable

### **Ease of Acquisition**

Run Windows, Solaris and Linux as guests, utilize PV drivers to aid performance, import virtual disk formats such as VMware's VMDK format

**Usability** 

### **Software Appliance**

Easy to try with LiveDVD, easy to install and update with IPS, easy to locate with support for x64 hardware

Scalable

### **Enterprise Class**

Leverage ground breaking Solaris features such as ZFS, network, predictive self healing and security in your virtual environment

Manageable

### From One to Many

Manage a single system with the built-in BUI; use xVM Ops Center to manage many systems; use the WS-MAN interfaces to integrate with ISV solutions

**Flexible** 

### **Maximize your Datacenter**

Hot, warm and cold migration; cloning and snapshotting of guests; resource pools and load balancing; NFS support; auto-restart of guests





### Sun xVM Server | Sample GUI

### Create New Guest

### **Create New Guest**

Sun xVM Server

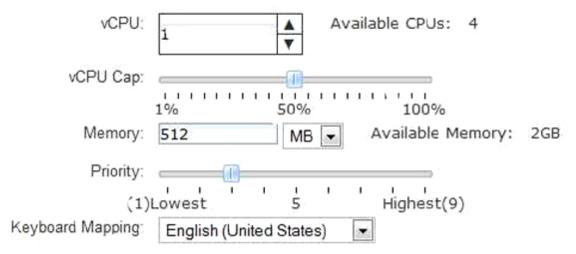
### Steps Help

### 1. Configure

- Select Installation Source
- Guest Identification
- Specify Storage & Disks
- 5, Specify Network Interfaces
- Summary

### Configure

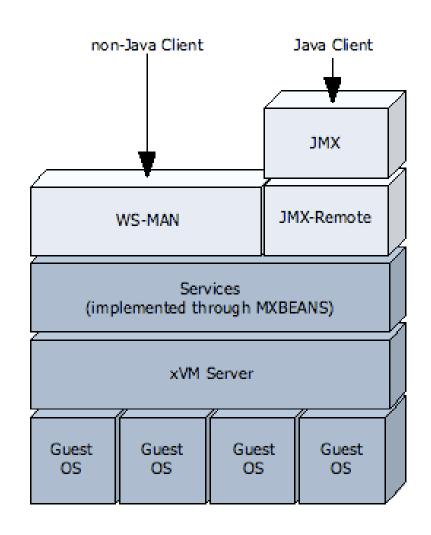
Please specify the configuration for the new guest.





# Sun xVM Server | Components

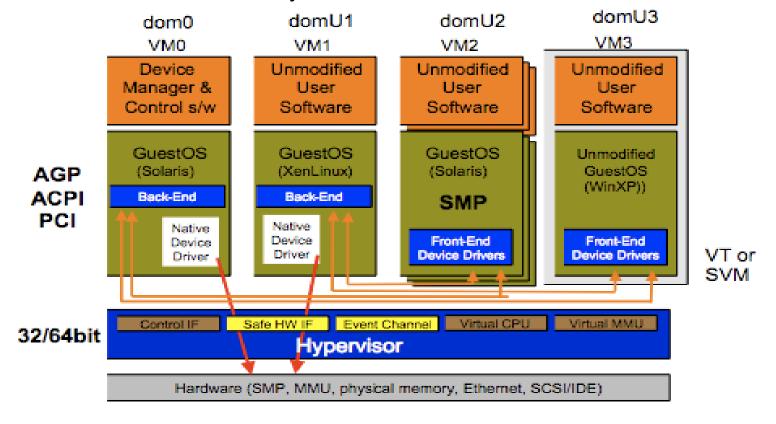
- Bare metal hypervisor
  - > OpenSolaris Distro
  - > IPS packages
  - > Minimized
  - > LiveCD slim installer
- System Management
  - > xVMOpsCenter Based
  - Cacao interface
  - Java, Ajax, JMX
  - > WS-MAN





# Sun xVM Server | Components

- OpenSolaris xVM Hypervisor
  - > OpenSource based
  - Provides the V12N layer





# Sun xVM server Demo

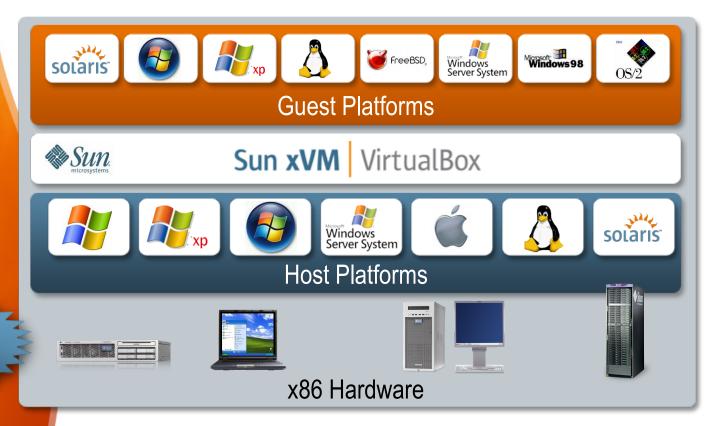
### **Demo Time**



# Sun xVM VirtualBox

Open
Developer
Virtualization
Platform

Available **NOW** 







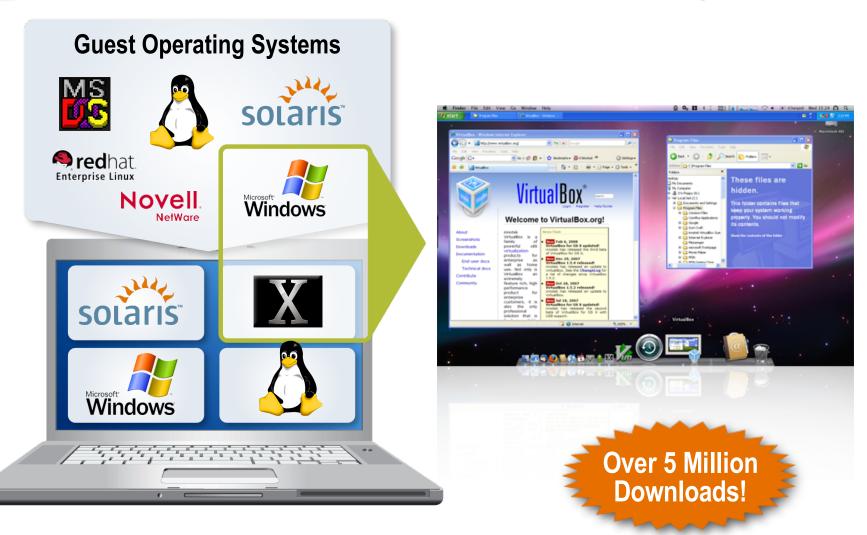
# Sun xVM Virtual Box | Key Features

- Broad platform support
  - Hosts: Windows, Solaris, Linux, OS X
  - Support for practically any x86-based OS
- Powerful virtual hardware and device support
- Rich host/guest integration
- Advanced features
  - > Built-in support for centralized storage
  - > Client or server deployable
  - VirtualBox RDP Server for remote access to VMs
  - > Scriptable
  - Open APIs and modular design



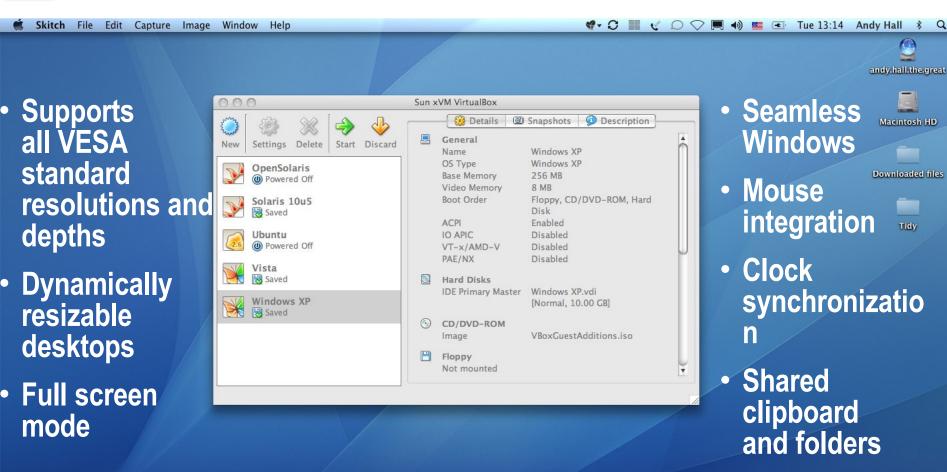


# Sun xVM Virtual Box Use Any OS





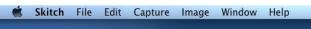








# Sun xVM Virtual Box | GUI





Windows XP on a Mac





Solaris and Windows XP on a Mac

Seamless Windows





Windows on a Mac

Resizable Windows Desktop





Full Screen Windows on a Mac































### Sun xVM Virtual Box Versions

- VirtualBox OSE (OpenSource Editions)
  - > Free
  - > re-distributable
  - no SATA, USB or sound
- VirtualBox PEUL
  - > Personal End User License
  - > Free, personal use only
  - > not re-distributable
  - all functionality included

- VirtualBox OEM
  - Sold and supported by third parties
- VirtualBox Enterprise
  - Sold in 100, 500, 1000, 2500 or 5000 user packs
  - Fully supported through service contracts

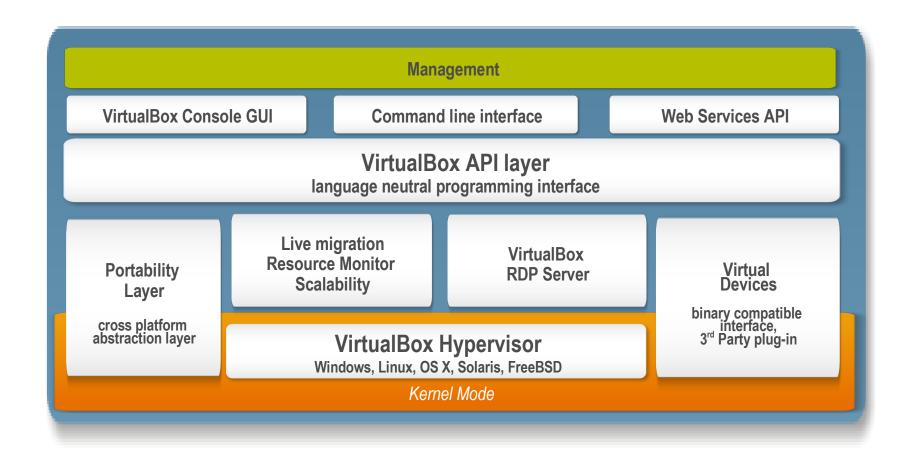


# Sun xVM Virtual Box Demo

**Demo Time** 



# Sun xVM Virtual Box | Components





# Sun xVM Virtual Box | Components

- VirtualBox
  - > The GUI and the guest process
- Vboxkern
  - The kernel component
- VboxManage
  - > The swiss army knife of management tools
  - Start and control VirtualMachines VirtualMachines
  - Manually manage disk images
    - > Import Images in to
    - > Clone disk images
  - > See statistics of the guest
  - > Much Much More





### Sun xVM Server | Virtual Box

### Sun xVM Server

- Enterprise-class virtualization solution
- Seamless integration with Sun xVM Ops Center
- Advanced features
  - > Live migration
  - > Predictive-self healing
  - > Advanced I/O
  - > Security







### **Sun xVM Virtual Box**

- Desktop and laptop virtualization solution
- Type 2 Hypervisor for x86
- Cross platform support for Windows, Linux, Mac OS and Solaris
- Supports USB on remote RDP sessions
- Free 17MB download



### xVM Server and xVM VirtualBox

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