

If you are looking for a fully configured private cloud, we have the following vSphere cluster available. Configuration can be customized.

VMware vSphere 4.1 cluster fully configured and ready to use

3 x HP Proliant DL385 G5p fully-loaded machines (24 processor cores)
64.8GHz of CPU and 192GB of RAM

Physical Servers

2 x 2.7GHz quad-core Opteron 2384 processors
2 x 72GB 10k RPM SAS disks in RAID 1 (hardware RAID for ESX installation)
SmartArray RAID with battery-backup
64GB PC2-6400 memory (16 x 4GB DIMMs)
Dual power supplies
Redundant Fans
Advanced iLO Licensed
On-site Genesis spare parts are available / Next-Day On-Site warranty by HP
4 x HP internal 1Gbps Ethernet ports
1 x HP 2-port 1Gbps Ethernet card
2 x HP 1-port 4Gbps Fiber Channel cards

Equipment is less than one year old and has proven reliability with production workloads.

Storage

2 x 1TB SATA thick-provisioned LUNs included on NEC D4 true active/active SAN with 4GB cache

- high-speed RAID 6 with 6 x 2TB 7.2k spindles per RAID with many hot-spares

1 x 1TB SAS thick-provisioned LUNs included on NEC D4 true active/active SAN with 4GB cache

- high-speed RAID 6 with 6 x 600GB 15k spindles per RAID with many hot-spares

Leased Software

- esXpress Enterprise included for virtual machine image backups
 - fully managed by Genesis if required
- VMware vSphere Enterprise Plus – 6 CPUs (includes software upgrades)
- VMware vSphere vCenter (includes software upgrades)
- TMG Server 2010 firewall, Windows Server, and SQL Server for vCenter
 - Separate TMG, vCenter, and SQL Server VMs
 - These are located on VMs running separately in one of Genesis' shared clusters

Ethernet and Fiber Channel Storage Networks

Meshed Ethernet Network with 3 ports connected to Network A and 3 ports connected to Network B in an active/standby configuration using Brocade and HP Procurve switches.

Redundant fiber channel fabrics with connections to redundant controllers in SANs using Brocade 4Gbps and 8Gbps fiber channel switches.

SLA (entire SLA available upon request)

Aggressive SLA of 100% with 10% monthly credit for each 30 minutes of downtime (5% for first 30 minutes, 10% thereafter).

Internet Connectivity

100Mbps Internet connection BGP configured with Brocade VRRP-E configured redundant routers. 95% billing method, 10Mbps included.

Equipment Location

Equipment is located in a highly-reliable XO Communications facility downtown Chicago

Power

2 x Industrial UPS feeds and Generator backup is provided within the facility. APC power strips are used to control power to all equipment. Fully-redundant power available for additional cost.

Availability

Available Immediately

Customization

Additional and custom requests are available.

Recurring Costs

\$3,000 per month with a 24-month commit

12-month commit add 15%

Pre-payment discounts are available: 5%, 7.5%, and 10% for 3, 6, and 12-months, respectively

First and Last month's payment due upon signing

- First/Last month's payment can be a single Quarterly payment with a 5% discount

Setup Costs

\$1,500 up-front - Includes SAN configuration, fiber channel zoning, Ethernet switch Layer 2 VLAN setup (up to 10 VLANs included), 128-IP public subnet, vCenter installation and configuration, Update Manager installation and configuration, IP and VLAN documentation, and 4-hours of GoToMeeting-based training.

Support

Platinum Support Included.

24x7 emergency support, 9x5 standard support (many standard issues are handled afterhours without issue). Includes infrastructure support, VMware ESX and vCenter support, managed upgrades of ESX and vCenter with little or no business interruption, additional SAN configurations, Datastore creation/modifications, and technical help with VMware and Microsoft issues.

Microsoft Licensing

Microsoft licensing for most products can be leased almost-at-cost. We are a Microsoft Service Provider.

