

Nested Virtualization

Authentic Intelligence currently runs a lab in a secure co-location. Environment includes 3 two-socket servers comprising 32 physical cores, over 300 GB of RAM, with 16 Fusion-io cards including 13 Duos providing 5 TB of high-speed PCIE-SSD storage (PCIE-SSD) . Authentic Intelligence has partners which will allow scaling the offering to more servers at additional facilities if needed to meet demand. Authentic Intelligence has the ability to scale this offering to support clients to meet the demand.

- **Level-3 Colocation provides guaranteed power and security and 100 MB/s upload/download**
- **Environment includes continuous monitoring with redundant servers, storage, and high-speed (10GbE backbone) network.**
- **Prototyped and verified that nested virtualization using ESXi can host multiple Hyper-V servers running on Fusion-io storage.**
- **A Windows Server 2008 or higher server hosted within ESXi VMWare vSphere can run the Hyper-V role to not only create virtual machines BUT ALSO ALLOW THEM TO RUN.**
- **The latest version of Hyper-V that ships with Windows 2012 R2 can be tweaked to allow creating of virtual machines from a virtual machine, but the machines cannot be started.**

Weekly/Monthly Offerings

A Hyper-V server can be leased for as short a time as 1 week or as long as a month. Windows Server 2012 R2 and the Hyper-V role is pre-configured as a VMWare Virtual Machine.

Two configurations are currently available:

- **Standard (\$195.00 weekly, \$395.00 monthly)***

4 x 2.67 GHz logical cores (2 x physical)

16 GB RAM

120 GB PCIE-SSD Storage (Fusion-io based: Up to 600 MB/s read and 500 MB/s write)

20 Mb/s upload/download with burst up to 100 Mb/s

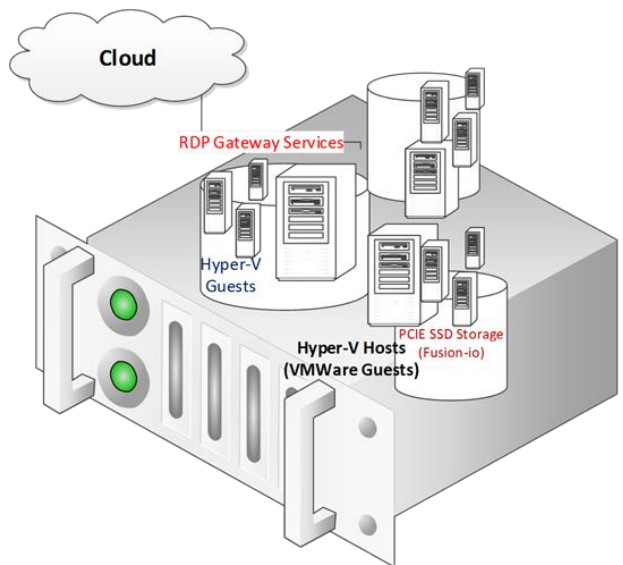
- **Advanced (\$295.00 weekly, \$595.00 monthly)***

8 x 2.67 GHz logical cores (4 x physical)

32 GB RAM

240 GB PCIE-SSD Storage
(Fusion-io based: Up to 600 MB/s read and 500 MB/s write)

30 Mb/s upload/download with burst up to 100 Mb/s



Physical Server running ESXi/VMware