



ADVANTAGES

- Optimizes physical server utilization to adapt to varying compute loads
- Simplifies capacity management, allowing you to add servers to a failover pool as needed
- Automates instance migration across servers within the same failover group without disrupting instance operating system or application



**Virtual Intelligent Hosting
– Dynamic Instance Balancing**

Powered by VMware®

Simplifying Computing Capacity Management with Virtual Machines

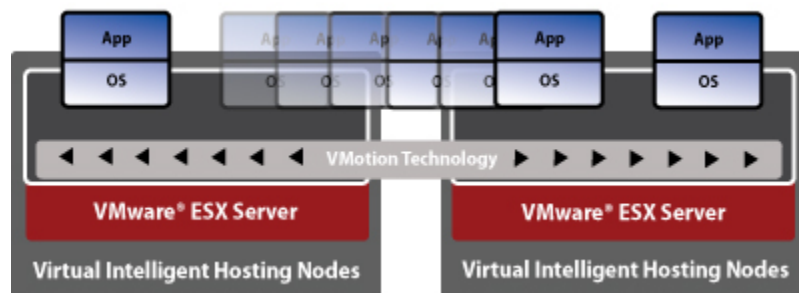
SAVVIS has led been an industry leader in developing and implementing virtual private networking, utility compute, storage and security solutions that leverage virtualization technology. Now SAVVIS has partnered with VMware, the recognized leader in virtualized technology solutions, to deliver a managed dedicated virtualization service ideally suited to variable, light-to-medium compute loads.

SAVVIS Virtual Intelligent Hosting is a highly scalable and flexible managed dedicated hosting service based on VMware Infrastructure Enterprise. The platform allows a single physical server to be partitioned into multiple self-contained virtual machines, each with its own operating system (OS) and set of applications to meet your needs. As a result, you can consolidate the total number of physical servers into a smaller number of virtual machines running on a much smaller number of physical dedicated servers.

Optimize Dynamic Computing and Network Environments

Leveraging VMware® Distributed Resource Scheduler (DRS) and VMware® VMotion™ technologies, the Dynamic Instance Balancing service feature of Virtual Intelligent Hosting allows you to group multiple physical servers of the same processor type into a logical failover pool of servers.

**Virtual Intelligent Hosting
Leveraging VMware® VMotion™**



VMware continuously balances the placement of instance operating systems and applications on Virtual Intelligent Hosting physical servers, or nodes, to respond to server load changes. As your computing load characteristics vary, individual Virtual Intelligent Hosting instances will dynamically balance themselves across Virtual Intelligent Hosting nodes automatically, without disrupting the individual operating system or application. Should contention for CPU resources occur, each Virtual Intelligent Hosting instance will have equal access to CPU resources. As a result, instances can take full advantage of all the server resources within the failover group, providing for a healthy, scalable solution.

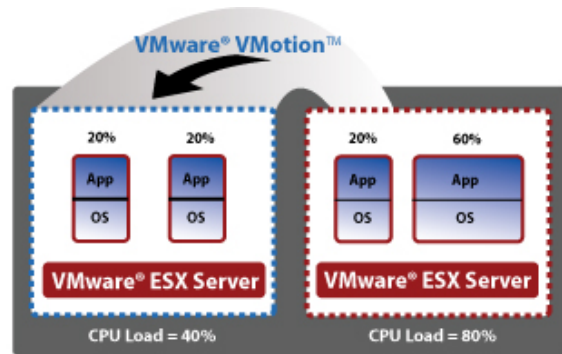
**For more information
about SAVVIS, visit
www.savvis.net or
call 1-800-463-8294.**

Create Logical Pools of Servers for Use of Multiple Instances

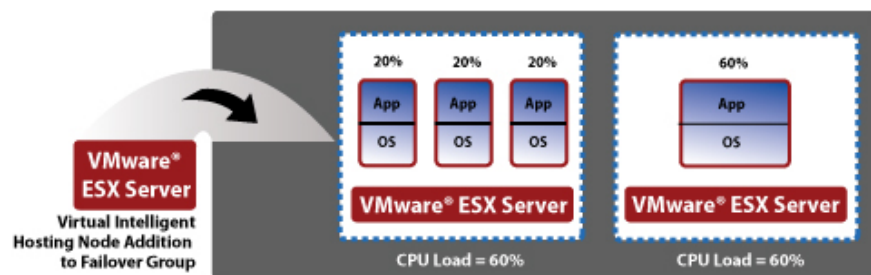
Server failover groups allow you to leverage the combined power of VMware DRS and VMware VMotion to treat multiple servers as a single logical pool. You can also create islands of compute resources, separating different functions across servers to maintain instance-to-node ratios. This can be useful in designing different classes of servers whereby lower-end servers host lower-end applications and higher-end servers host more process-intensive applications. With this added level of control, you can keep lower-end virtual machines from taking away resources from more important applications.

Additionally, you can apply different criteria for adding nodes or managing capacity. For example, low-end failover groups may be upgraded when overall utilization reaches 80%, whereas high-end resource pools may be upgraded at 50% utilization.

Virtual Intelligent Hosting Dynamic Instance Balancing



Virtual Intelligent Hosting Failover Group (Before)



Virtual Intelligent Hosting Failover Group (After)

Get the Most from Your Server Computing Power

In today's complex IT environments, server virtualization responds to the challenge of reining in ever-expanding server sprawl, over-provisioning and under-utilizing server resources, and reducing associated data center power and cooling costs. When doing more with less is a priority in your IT organization, running multiple virtual machines allows you to leverage a physical server's computing potential to the fullest. Let SAVVIS Virtual Intelligent Hosting, powered by VMware, help you maximize your computing resources and keep IT expenses under control.

For more information about SAVVIS, visit www.savvis.net or call 1-800-463-8294.