



**ADVANTAGES**

- Minimizes unplanned downtime on computing resources
- Provides cost-effective High Availability protection across a virtualized computing environment
- Avoids expense and complexity of OS- or application-specific failover solutions
- Each failover group can be easily designed for diverse fault tolerance levels



**Virtual Intelligent Hosting – High Availability**

**Powered by VMware®**

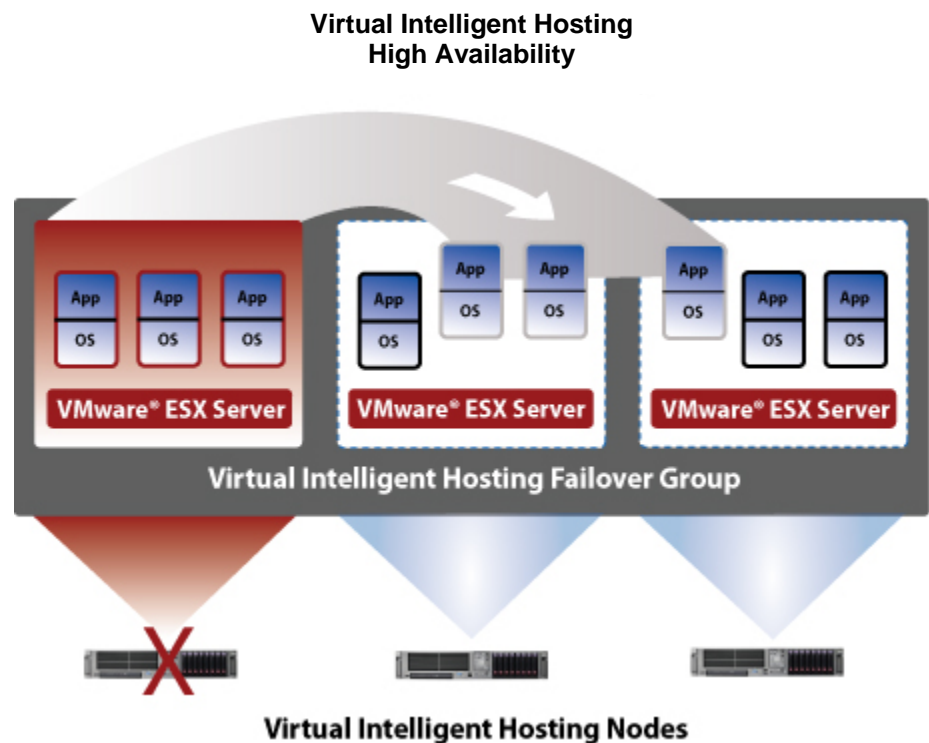
**Simplifying Computing Failover with Virtual Machines**

SAVVIS has 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.

**Cost-Effective High Availability Failover Protection**

With SAVVIS Virtual Intelligent Hosting, you can significantly increase the average utilization of your computing resources through software virtualization and dramatically lower the cost of High Availability.



For more information about SAVVIS, visit [www.savvis.net](http://www.savvis.net) or call 1-800-463-8294.

Leveraging VMware<sup>®</sup> High Availability (HA) for failover protection, Virtual Intelligent Hosting allows OS instances to fail over to other production servers, or nodes, by using multiple nodes in a failover group. Should a failure occur on a physical node, impacted virtual machines, or Virtual Intelligent Hosting instances, will automatically be relocated as evenly as possible across the available physical nodes within the failover group.

This built-in failover functionality is more cost-effective than the traditional means of providing High Availability, which typically involves purchasing a dedicated failover server for each production server, licenses for each OS and application, and twice the storage and networking infrastructure.

Virtual Intelligent Hosting failover groups can be configured with up to 16 Virtual Intelligent Hosting nodes. Instances on a physical node are able to fail over only to other physical nodes within the defined failover group. Once the failed node is fully restored and stabilized, the instances within the failover group are redistributed.

### **Easily Design Failover Groups for Diverse Fault Tolerance Levels**

Virtual Intelligent Hosting offers the flexibility to separate different server groups by the type of work performed. Depending on the application, each failover group can be easily designed to meet varying risk thresholds to accommodate diverse levels of fault tolerance. For example, for an N+1 scenario, simply purchase an additional Virtual Intelligent Hosting node beyond what is required for the failover group. By extension, for an N+2 scenario, you would purchase two additional nodes. Unlike traditional hot/standby failover solutions, Virtual Intelligent Hosting allows you to leverage the resources of these extra nodes outside of a failover condition for maximum benefit.

### **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.

### **About SAVVIS**

SAVVIS, Inc. (NASDAQ:SVVS) is a leader in providing and managing global IT infrastructure and end-to-end managed services that enable quick and strategic response to the demands and technology needs of business and government. SAVVIS combines virtualization technology, a global network and data centers with automated management and provisioning systems to provide a full suite of hosting, utility compute, network, security and professional services. These services give customers an ideal balance of support and control that enables them to focus their resources on their core business while SAVVIS ensures the quality of their IT infrastructure.

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