

## HOSTING SERVICES

## Savvis Dedicated Cloud Compute High Availability

Powered by VMware<sup>®</sup>

### Simplifying Computing Failover with Virtual Machines

Savvis Dedicated Cloud Compute expands on Savvis' rich heritage of delivering global IT infrastructure-as-a-service to thousands of businesses throughout the world. Our Dedicated Cloud Compute takes the utility concept even further by combining our dedicated and shared hosting platforms with VMware, the global leader in virtualization solutions from the desktop to the data center. Customers are empowered with easy-to-use tools to provision new instances online as they need them based on short, flexible term commitments.

Savvis Dedicated Cloud Compute delivers a scalable, dedicated hosting environment that can easily expand with your needs. Savvis combines our secure hosting infrastructure with flexible and expandable automated provisioning and virtualization technologies to deliver enterprise-class capabilities that allow you to more fully utilize compute resources, thereby reducing the number of physical servers required to run a traditional hosting environment. And you can dial up or down server instances as you need them through the SavvisStation Portal. All hosted in Savvis' state-of-the-art data center facilities supported by a fully redundant infrastructure that minimizes downtime.

Savvis Dedicated Cloud Compute shatters the cost and complexity typically associated with traditional multi-server deployments. Our SavvisStation Portal puts you in control of when to deploy virtual instances, enabling you to turn them up in minutes and ensuring your hosting environment is always sized to meet the changing demands of your business.

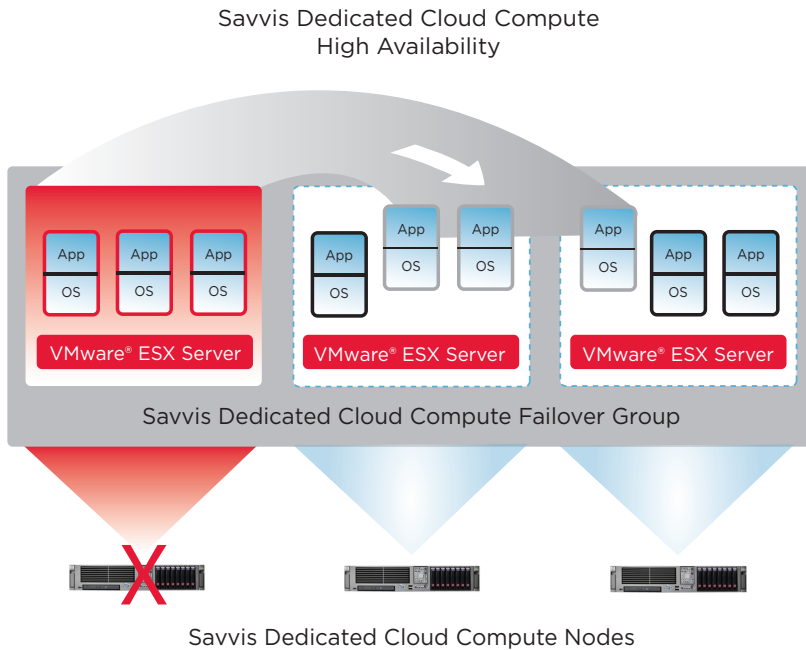
### Cost-Effective High Availability Failover Protection

With Savvis Dedicated Cloud Compute, you can significantly increase the average utilization of your computing resources through software virtualization and dramatically lower the cost of High Availability.

Leveraging VMware High Availability (HA) for failover protection, Savvis Dedicated Cloud Compute 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 instances, will automatically be relocated as evenly as possible across the available physical nodes within the failover group.

### The Savvis Advantage

- Minimizes unplanned downtime on computing
- 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



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.

Savvis Dedicated Cloud Compute failover groups can be configured with up to 16 physical 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**

Savvis Dedicated Cloud Compute 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 physical 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, Savvis Dedicated Cloud Compute 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 can help rein in server sprawl, prevent over-provisioning and under-utilizing server resources, and reduce 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 Dedicated Cloud Compute powered by VMware, help you maximize your computing resources and keep IT expenses under control.



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Compute High Availability  
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### About Savvis

Savvis, Inc. (NASDAQ:SVVS) is an outsourcing provider of managed computing and network infrastructure for IT applications. By outsourcing to Savvis, enterprises can focus on their core business while Savvis ensures the quality of their IT infrastructure. Leading IT organizations around the world have selected Savvis to help them improve their service levels, reduce capital expense and deal with the rising costs of bandwidth, energy, real estate, staff and expertise. As a pioneer in utility computing, Savvis understands and harnesses the latest advances in technology like virtualization, cloud computing and support process automation.

**For more information  
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