



LifeKeeper Single Server Protection for Linux

Enhanced availability for VMware, KVM and Physical Environments

Key Benefits

Efficient, Intelligent Recovery

- Application awareness monitors the entire application environment inside the virtual machine.
- Intelligent recovery enables faster application recovery and efficient resource utilization.
- Multilevel recovery policies enable complete control of the recovery process.

Eliminate Planned Downtime

- Maintenance Mode lets you perform maintenance without recovery attempts or downtime.

Advanced Management Console

- Full visibility into status of protected applications.
- Easy to manage, easy to install.

LifeKeeper Single Server Protection for Linux provides single node high availability protection for physical hosts and virtual machines. It is a flexible, easy, and cost-efficient way to protect applications running in VMware®, KVM and physical environments from downtime. LifeKeeper software integrates with the VMware application monitoring interface and adds application awareness and prescriptive intelligence to VMware HA for faster recovery times and complete application protection.

Application Protection for VMware

Unlike traditional VMware availability solutions that operate at the virtual machine level without intelligence about issues or risks inside the VM, LifeKeeper has full application awareness inside VMware virtual machines. SIOS application awareness technology allows LifeKeeper to detect issues sooner, to apply more intelligent recovery actions, and to meet faster recovery time objectives (RTO).

Within VMware environments, LifeKeeper is fully integrated with VMware HA and has an optional plugin into vCenter providing complete, fully automated protection for your virtualized applications and databases.

Easy to Use, Flexible to Deploy

LifeKeeper is easy to learn and use, and it quickly integrates with your existing VMware, KVM and physical infrastructures. This flexible solution allows you to match your RTO objectives with your available budget.

Intuitive Management Console

LifeKeeper features an intuitive management console that leverages an optional integrated vSphere client plugin. It gives you full visibility into the status of protected applications. It also makes LifeKeeper easy to install and manage, reducing operating costs and improving both application availability and personal productivity.

Temporal Recovery Logic

LifeKeeper's Temporal Recovery Logic feature lets you set the number of local recovery attempts that LifeKeeper will make within a given time period. For example, LifeKeeper can be set to attempt local recovery three times in a 30-minute period before initiating the recovery of the physical host or virtual machine. This feature gives you control over the recovery process, enabling you to optimize your high availability and recovery strategies to best meet your needs and business objectives.

Multilevel Recovery Policies

LifeKeeper gives you the flexibility and control to create and enforce the most appropriate recovery strategy for each application and to balance optimal recovery times and efficient use of resources. It lets you specify the following recovery options at the server and resource levels:

- Local recovery only
- Node (VM in virtual environments) recovery only
- Local recovery attempt, then node (VM in virtual environments) recovery
- Notification (no local recovery or node/VM recovery)

LifeKeeper Maintenance Mode

LifeKeeper helps reduce the costs and consequence of both unplanned and planned downtime for the applications and resources it protects. For example, the Maintenance Mode feature prevents LifeKeeper from attempting to recover or fail over a resource that is undergoing planned maintenance.

About SIOS

SIOS delivers innovative software solutions that provide application availability and disaster protection for Windows and Linux environments.

Clusters Your Way.™

An essential ingredient in any cluster solution, SIOS SAN and #SANLess clustering software provides the flexibility to build clusters your way to protect your choice of Windows or Linux environment – and any configuration (or combination) of physical, virtual and cloud (public, private, and hybrid) storage – without sacrificing performance or availability. SIOS provides unique #SANLess clustering software that eliminates both the cost and the single-point-of-failure risk of traditional SAN-based cluster solutions.

Founded in 1999, SIOS Technology Corp., is headquartered in San Mateo, California, and has offices throughout the United States, United Kingdom, and Japan.

