SIOS HIGH AVAILABILITY & DISASTER RECOVERY

Industry Experts

SIOS Technology make high availability clustering and replication software that ensures critical applications, databases, and ERP systems automaticaly recover from infrastructure, network, and application failures – keeping your data protected, applications online, regulatory requirements met and users productive.

Meet Availability SLAs and RTO/RBOs with Ease

SIOS gives you the flexibility to build SAN and SAN-less clusters for Windows or Linux environments on physical servers, virtualized servers and in the cloud. You can use SIOS software to achieve high availability or disaster tolerance. Easily move Windows Server Failover Clustering to the cloud without disruption or easily build a Linux clustering environment with application-specific intelligence built in. In the cloud, you can configure clusters across availability zones or regions for maximum HA/DR protection or create hybrid cloud or multicloud configurations to meet availability SLAs and RTO/RPOs with ease.

SIOS Products

Experts in Application High Availability

SIOS DataKeeper

Add SIOS DataKeeper to a Windows Server Failover Clustering environment to create a SANless cluster where traditional shared storage clusters are impossible or impractical, such as cloud and hybrid cloud environments. Fast, efficient host-based replication synchronizes local storage on all cluster nodes or maximum configuration flexibility. Or, add replication to your existing SAN-based Windows cluster for DR.

Use SIOS DataKeeper Cluster Edition software to protect your business-critical Windows applications and databases, including Microsoft SQL Server, Oracle and many others in a physical, virtual, or cloud environment.

↘ **Configuration Flexibility**: Protect all server workloads. Replicate within a single site or across data centers.

↘ **Cost-Savings**: Advanced clustering without costly application upgrades (e.g. SQL Server Enterprise Edition)

↘ **Reduce Complexity**: Migrate on-prem WSFC to cloud without disruption

SIOS Protection Suite

SIOS Protection Suite for Linux makes creating and managing high availability clusters in complex SAP, S/4HANA, SQL Server, MaxDB and Oracle environments easy and error-free. It includes powerful Application Recovery Kits for leading applications, ERPs and databases that deliver intelligent high availability tools and utilities include:

↘ **Configuration Automation**: Intelligent high availability makes creating and managing failover clusters in complex environments easy and error-free

↘ **Validated user input.** Eliminates the need for costly, specialized skills and the risk inherent in manual scripting to configure and manage a cluster in complex ERP environments

↘ **Deep application monitoring.** Monitors the entire application environment, not just server operation like open-source OS clustering software

↘ **Automated failover in compliance with application best-practices.** Provides the reassurance that, in the event of a failover the cluster will automatically adhere to application best practices for successful continued operation

ADN ®

HA/DR for WINDOWS AND LINUX

Key Advantages of SIOS Clustering Solutions

↘ **20 Years of High Availability Experience.** Innovativesolutions that protecting mission critical applications.

↘ **Application-Aware Availability.** Configuration and Failover Orchestration Designed for Complex Applications and Databases

↘ **Error Free Installation – 5X Faster than Open.** Source Alternatives. Automated, Wizard –Driven Installation Avoids Common Clustering Errors, Saves Hours of IT Time

↘ **Fast and Easy to Manage and Maintain.** Apply Upgrades, Maintenance Updates Disruption

↘ **Perform Routine Failover/Failback Testing Quickly and Easily.** Status of Application, Replication, Failover at Your Fingertips

↘ **Eliminates Guesswork**, Know Application Status. No Specialized Skills Required No need for costly experts or training.

↘ **Eliminates Risk of Human Error.** Auto-validation Prevents Misconfigurations, Saves Hours of Troubleshooting Time.
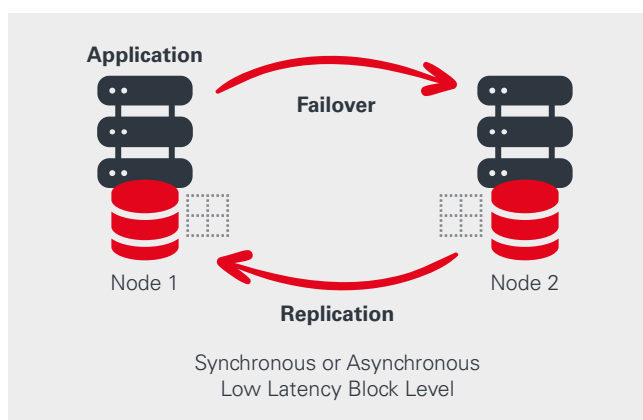
↘ **Flexibility.** Deliver the Right Balance of Cost and Protection for Entire Infrastructure

↘ **Broad support** for a variety of OS, Platforms, and Clouds – No vendor lock-in or rigid requirements. More OS, Platforms and Cloud than any other HA/DR solution

↘ **Cost Optimization, Advanced Automation.** Cut IT labor costs, and cloud utilizations costs. Save up to 70% on licensing costs by providing ha with standard edition of SQL Server or Oradle Database.

Application

Failover

Node 1   Node 2

Replication

Synchronous or Asynchronous
Low Latency Block Level

Unlike traditional shared storage clusters, SIOS synchronizes local storage in a SANless configuration, enabling failover clusters in phyical, virtual, cloud, and hybrid cloud environments.

IHR SIOS EXPERTEN-KONTAKT. BEI ADN.

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