

SteelEye® Protection Suite for Oracle®

Solution Brief

Enterprises of all size rely on Oracle database solutions for business critical applications including data warehouses, e-commerce applications, financial systems, supply-chain management and business intelligence systems. These environments require high availability protection against lost revenue, lost productivity and lost customer satisfaction resulting from application downtime. To date, however, ensuring 24x7 availability has required high costs, numerous redundant systems and a dedicated IT staff. SteelEye Technology's Protection Suite for Oracle enables enterprises to implement high availability database servers at a fraction of the cost and complexity of previous solutions.

SteelEye LifeKeeper Solution Overview

The SteelEye Protection Suite offers integrated data replication, high availability clustering and disaster recovery solutions supporting Oracle 9i, 10g and 11g on both Linux and Windows to provide fault-resilience protection for the most demanding enterprise deployments. LifeKeeper for Oracle uses advanced health-checking techniques to constantly monitor the health of servers, network connections, storage, all Oracle processes and any associated applications. Problems are immediately corrected via a set of policy-defined actions such that recovery is seamless to end-users. In environments running Oracle RAC, LifeKeeper monitors

application stack components not protected by Oracle itself, such as applications, servers and network connections. With LifeKeeper, Oracle users can rest assured that the entire application infrastructure is protected against both planned and unplanned downtime.

LifeKeeper for Oracle on Linux supports Red Hat Linux, Novell SUSE Linux and Oracle Unbreakable Linux and operates on servers built on AMD, and Intel architectures in both 32bit and 64bit configurations. Systems can be configured using data replication for shared-nothing clusters either across a LAN or WAN or shared-data configurations can be built using shared SCSI storage, fibre channel SANs or Network Attached Storage devices.

LifeKeeper for Oracle on Windows supports all editions of Windows 2000 and 2003, eliminating the need to purchase higher end versions. With support of both Linux and Windows and the ability to manage both environments from a single console, LifeKeeper can protect the entire Oracle infrastructure regardless of platform.

LifeKeeper for Oracle can also be combined with LifeKeeper protection modules that monitor and protect Apache, LVM, SAP, MySQL, NFS, Rational ClearCase and Samba. LifeKeeper Extender makes it simple to quickly build protection modules for internally developed applications. With LifeKeeper, complete application environment protection can be achieved simply and at low cost.

Key Features:

- Protects all versions of Oracle 9i, 10g and 11g
- Supports both Linux and Windows environments
- Runs on IA32, IA64, AMD64, and EM64T platforms
- Configurations can be built using attached SCSI, Fiber Attached SAN, NAS or data replication over LAN or WAN
- Disaster Recovery solution with WAN replication and failover
- Monitoring of all Oracle processes
- Protection for Oracle Listener across multiple databases
- Supports both standard and Enterprise versions of Oracle and can be integrated with Oracle RAC to provide full end-to-end protection for applications

About SteelEye Technology

SteelEye is the leading provider of data and application availability management solutions for business continuity and disaster recovery for Linux and Windows and virtual environments.

The SteelEye family of data replication, high availability clustering and disaster recovery solutions are priced and architected to enable enterprises of all sizes to ensure continuous availability of business-critical applications, servers and data.

To complement its software solutions, SteelEye also provides a full range of high availability consulting and professional services to assist organizations with the assessment, design and implementation of solutions for ensuring High Availability within their environments.

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