

Precise™ for Storage: IBM

Application Performance Management in IBM Enterprise Storage Server environments

Introduction

Precise for Storage: IBM provides an unprecedented view of your application performance infrastructure by collecting performance metrics from the IBM TotalStorage® Enterprise Storage Server and correlating this data with additional information collected by Precise for Oracle. This holistic, “user-to-spindle” view lets you detect performance bottlenecks quickly and proactively, improve application performance, leverage infrastructure investment, and optimize scarce personnel resources.

When Precise for Storage: IBM discovers a critical application is waiting for I/O, it’s easy to look “upstream” to detect what caused the data request. And it’s just as easy to drill down into Enterprise Storage Server to investigate how the storage devices handled that request. Precise for Storage: IBM houses all the information it collects in a rich data store, the performance warehouse, that virtually eliminates the need to “re-create” problems.

The solution uses low-overhead technology to capture performance information continuously, so you can quickly respond to a performance bottleneck. Over time, the performance warehouse provides the historical perspective necessary to facilitate long-term trending, analysis, and reporting.

Key Benefits

- Become aware of problems before they affect the end user
- Optimize performance by bridging logical (data files) to physical (IBM storage)
- Expedite data retrieval by optimizing data placement in the IBM Enterprise Storage Server
- Distinguish between infrastructure components that work well and those with performance problems

- Focus scarce IT resources on real issues rather than finger pointing and “blamestorming”
- Align tuning goals with the end-user experience
- Optimize RAID configurations to support Oracle
- Detect cause of I/O waits through correlation of storage, database, operating system, and application

Features

- Provides a correlated view of storage, database, applications, and operating system performance metrics
- Links I/O requests to the specific action on the disk arrays
- Identifies and isolates the root cause of application I/O wait bottlenecks
- Provides actionable information and directs the user to solve the performance problem
- Saves historical collection for performance trending and capacity planning
- Incurs low overhead while gathering data and performing “what if” analysis

Discovering Precise for Storage

Designed to work with IBM Enterprise Storage Server, Precise for Storage: IBM fulfills two critical performance management functions: monitoring and tuning, and viewing and correlating.

Monitoring and tuning

A technically unparalleled sampling method allows Precise for Storage: IBM to monitor database performance without imposing appreciable CPU overhead. As a result, it can gather information from business applications, the database, the operating system, and IBM Enterprise Storage Server without affecting performance.

Viewing and correlating

Because it spans the infrastructure, Precise for

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Storage: IBM can pinpoint the cause of a performance problem—wherever that problem occurs in the environment and before it degrades performance. Precise for Storage: IBM provides a comprehensive performance management solution that eliminates the guesswork from and slashes the time to problem resolution compared with conventional monitoring and tuning. It not only monitors the infrastructure, but it also provides a methodology to investigate anomalies and resolve problems. This can all be done safely through simulations without affecting production environments.

Discovering Precise

Precise for Storage: IBM helps businesses with IBM environments surpass their performance needs—end to end, top to bottom—while boosting their competitive advantage and return on technology investments. Precise adds a unique dimension to performance management—a holistic view of the business environment. By mapping logical data files to physical storage devices, the user can optimize database performance.

By optimizing the way enterprise systems work with your IBM Enterprise Storage Server, Precise maximize enterprise system performance and help you meet—and exceed—your business goals.

About Precise Software Solutions

Commitment, Focus, Experience

For over 15 years Precise Software Solutions has helped our Global 2000 customers manage business performance in complex, heterogeneous environments, assuring availability and business continuity. Precise offers a complete solution – from discovery through ongoing management – that allows our customers to focus on their core business. We offer the broadest platform support, in terms of enterprise application, operating system, database, and development environment coverage. Precise is the solution of choice for IT as an organization-wide standard for application management.

Visit our Web site

www.precise.com

To speak with a Product Specialist in the U.S.

Call toll-free 1 (877) 845 1886. For specific country offices and contact numbers, please visit our Web site.