



New Product Introduction

BEZVision

Product Overview

BEZ Systems is excited to introduce BEZVision™, a **management** solution that delivers **workload** focused, **cross-tier service delivery, planning** and **change impact analyses**.

BEZVision applies analytics, modeling and prediction technology to IT performance challenges to provide IT management with the **time** and **data** necessary to make better decisions to insure uninterrupted service delivery of critical applications.

Some of the more salient features and benefits of BEZVision include:

FEATURE	BENEFIT
What-if change impact analysis on Application, Database or Infrastructure changes	<i>Evaluate changes and compare multiple alternatives before implementation.</i>
Multi-tier (Application and Database) performance visualization and change impact analysis	<i>Understand the performance and utilization impacts of change on different tiers in the infrastructure.</i>
Ongoing Actual vs. Expected Analysis for maintaining service expectations	<i>Apply modeling technology to accurately establish and track service delivery expectations over time.</i>
Aggregate view of performance and resource utilization	<i>Measure and analyze end user experience from the top most level independent of the underlying application layout.</i>
Component comparison within a single JVM or database instance, across the cluster	<i>Detailed drill-down capabilities to narrow down problems to specific application components or database instance.</i>
Node performance and utilization details	<i>Understand the utilization and contention between different JVMs, databases and other processes running on nodes.</i>

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Change Impact prediction scenarios supported in the first release of BEZVision include:

1. Activity Growth at a Workload level.
2. Database Size, or I/O Processing Growth, at a Workload level
3. Hardware changes (CPUs, CPU speed/qty., Number of Nodes, Vendor, Model, etc. ...) at the Application and Database Server tier levels.
4. Storage related changes (Vendor, Model, Disk Type, Raid Setting,

- Number of disks, etc ...) for backend storage architecture.
5. Database tier specific scenarios:
 - a. Schema recommendations (Indexes or Materialized View) per Database
 - b. Database memory cache pool adjustments.
 - c. Migration to RAC from standalone instance
 - d. RAC expansion (additional nodes/instances into an existing cluster)
 6. Application tier specific scenarios:
 - a. Change the number of JVMs supported per node
 - b. Move JVMs to different nodes
 - c. Change thread pool configuration
 - d. Change connection pool configuration
 - e. Adjust the ratio of backend requests per user transaction
 7. Workload consolidation - Combining workloads from different servers
 8. Workload elimination - Removing workloads from a server.

BEZVision retrieves performance data from existing data repositories. In the initial release of BEZVision, the application tier metrics will be gathered from CA-Wily's Introscope SmartStore and the database tier metrics from the Oracle Enterprise Management Grid Control Repository.

BEZVision complements the existing CA-Wily and Oracle solutions by providing unique functionality in the following key areas:

- Service delivery metrics** - Focused on net results by business workload, not individual technology components
- Cross tier correlation** - Workload (service delivery) view of JAVA EE app, Database, and Storage tiers
- Proactive management** - Automatically predict future service delivery, response time and throughput
- Change Impact analysis** -Real-time what-if predictions

For More Information

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