Foglight® Cartridge

for SAP NetWeaver

Application Performance Management for SAP NetWeaver

- Control cost, by better prioritizing investment in SAP performance

- Reduce risk through long-term performance and capacity planning

- Improve service quality and compliance by enhancing SLA adherence

- View the complete health of the SAP application end-to-end to prioritize remedial activities

- Application management reports can be used by all the application stakeholders - whether BASIS team, database, operations, or business

- Powerful capacity planning, trending, and historical analysis capabilities

- Management dashboards will display the complete health of the application to all stakeholders – regardless of their level of technical expertise

Maintaining and optimizing the performance and availability of SAP applications from end-to-end is critical for meeting business objectives. An under-performing application can adversely affect revenues, cost containment, customer service and good will. In order to solve these problems, highly trained SAP administrators must laboriously monitor end-user response as well as the performance and availability of all the components that make up the application. Quest's Foglight® Cartridge for SAP NetWeaver, a component of Foglight®, provides this monitoring ability and allows the administrator to report on performance and availability.
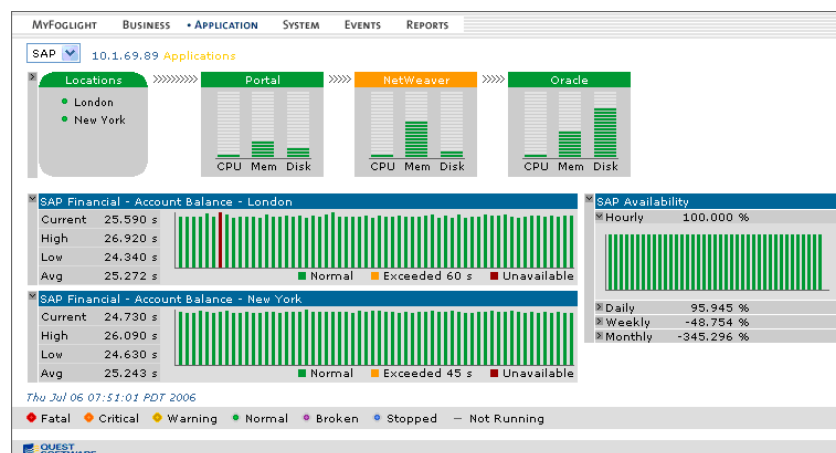
Foglight Cartridge for SAP NetWeaver

Foglight Cartridge for SAP NetWeaver is a powerful application management solution that simplifies the management of critical business applications, from the end-user to the database, assuring 24x7 availability and optimal performance.

Designed to complement SAP performance tools, the Foglight Cartridge for SAP NetWeaver manages the application components (database, application server, and Web server), to detect and alert application owners of problems before they affect performance.

- Provides easy visualization of critical SAP performance measurements to quickly assess the optimization of the SAP system.

- Monitors performance and capacity of SAP buffers and the SAP memory areas for current and maximum utilization

- Analyzes the usage and the state of the SAP work processes, provides a breakdown of the work being executed, and shows the percent utilization for each process type

- Tracks the availability of the SAP system, including the status of the dispatch, message Server and gateway processes.

- Provides drill-down analysis into transaction or program wait time.

Management dashboards give a complete, end-to-end view of the application, regardless of technical expertise.

System Requirements

Foglight Cartridge for SAP NetWeaver software requirements:

Software Versions:

The following SAP versions will be supported:

- SAP R/3 Enterprise 4.7.2
- SAP NetWeaver '04

Operating Systems:

The following Operating Systems will be supported:

- Solaris 5.8, 5.9, 5.10
- HP-UX 11, 11i, 11.23
- AIX 5.1, 5.2, 5.3
- W2K, Windows 2003

The following platforms are supported for the Foglight v4.2 Management Server and Monitored Hosts. For information about the Foglight Cartridge Support matrix, contact Quest Sales or Customer Support.

Foglight Management Server

- Microsoft Windows 2000 (SP3), Windows 2003 or Solaris 2.8, 2.9
- Dual Processor 2.5 GHz + (Upgradeable to Quad Processor)
- 2.0 GB Memory (Upgradeable to 4Gb)
- 3.0 GB Swap
- 2.0 – 4.0 GB Disk For Installation Software
- 15,000 RPM disk speed recommended
- 10 GB Disk for Historical Data Demonstration and Proof of Concept Installations Only)
- Consult Quest Support for Foglight database disk backup requirements

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Maintaining and Optimizing End-to-End Application Performance

To maintain peak performance and to assure availability end-to-end for SAP NetWeaver applications, Foglight Cartridge for SAP NetWeaver extends capabilities to:

- Manage the complete SAP application stack from end-user to database
- Quickly identify, diagnose, and resolve complex problems to the root cause
- Free up your Basis Team staff from routine SAP administration tasks
- Prioritize solutions and IT investments by having multiple views of the SAP application architecture to correlate problems
- By having long-term application performance data storage, reports can be generated for trending, forecasting and capacity planning
- Obtain out-of-the-box reports for business and technical users to share the same information on different views and usage of the SAP application infrastructure

Continuous Monitoring for SAP NetWeaver

Foglight Cartridge for SAP NetWeaver continuously monitors availability and performance of work processes, system log, dispatch queue, memory configuration, users, transactions and tasks. In addition to continuous data collection, Foglight Cartridge for SAP NetWeaver also monitors for exception conditions. When an exception is detected, Foglight will collect exception detail data to allow the SAP Basis administrator to focus directly on the problem area without the need to sift through large amounts of unrelated data.

Data Collection Architecture

The Foglight data collection architecture provides normalized time-correlated data across all the layers of an enterprise application. This time-correlated database enables an administrator to use Foglight's drill-down capabilities to quickly analyze, in context, resource utilization of the underlying components to determine the cause and effect of response time degradation.

In order to optimize the performance of a SAP system, the administrator needs to distribute the load across the CPU resources of all available servers. Foglight provides the ability to analyze resource utilization and throughput graphically to determine if the workload is optimally distributed.

Manage Service Level Agreements

Foglight's Service Level Policy facility becomes an SLA tracking mechanism for your SAP NetWeaver application. It is a powerful and innovative facility that lets users define an SLA Policy that monitors, correlates and reports on violations for any application. The Service Policy facility allows for reporting of application availability, alerting when SLAs are in violation. It also allows for predefining system maintenance outages, enabling organizations to ensure all application-related business processes are performing and available.

About Quest Software, Inc.

Quest Software, Inc. delivers innovative products that help organizations get more performance and productivity from their applications, databases and Windows infrastructure. Through a deep expertise in IT operations and a continued focus on what works best, Quest helps more than 18,000 customers worldwide meet higher expectations for enterprise IT. Quest Software can be found in offices around the globe and at **www.quest.com.**