

# Spotlight® on Unix

## VISUAL ROOT-CAUSE DIAGNOSTICS AND RESOLUTION FOR UNIX AND LINUX

- **Unique visual representation of real-time process flows and operating system activity**
- **See all critical components on one screen**
- **Spotlight® tells you about current status immediately**
- **Interprets raw data, draws conclusions and recommends solutions**
- **Frees you from writing your own diagnostic scripts**
- **Connects to multiple servers simultaneously**

For a busy IT professional, using manual methods to diagnose and resolve every component affecting Unix and Linux (Red Hat) Operating System (OS) performance is nearly impossible. Without a clear view of I/O and system activity, administrators learn of performance issues only after problems erupt. Spotlight® empowers administrators with a patent-pending graphical view of the Unix and Linux OS internals, providing the detail needed to quickly identify and eliminate bottlenecks in these environments.

### The Visual Root-cause Diagnostic Solution

Spotlight for Unix is a diagnostic and resolution solution for Solaris, AIX, HPUX and Red Hat/Linux operating systems that uses a Windows-based console and displays real-time activity of all components in a single interface. By displaying the actual Unix/Linux OS activity, I/O and kernel, Spotlight can pinpoint the source of problems as they occur. Graphical flows illustrate the rate at which data is moving between all components.

The main Spotlight interface displays such components as memory, cache, disk storage and network. Pulses traveling between these components represent the relative rate of data transfer and the level of activity within the system. These flow rates are calibrated to the performance characteristics relating to a specific system.

### Automatic Problem Detection for Instant Resolution

With Spotlight, users can drill down to details to locate in-depth information about the source of a problem. Since the nature of each operating system configuration is unique, Spotlight offers a calibration process that automatically sets a baseline of normal activity for each system. This allows Spotlight to automatically set thresholds and send a warning of impending problems with a visual or audible alert. With these advanced warnings, administrators can proactively eliminate bottlenecks before they seriously impact end users.

### Main Components

#### Online Windows Tuning Guide

Spotlight's online help provides instructions and recommendations on effectively troubleshooting and diagnosing Unix/Linux performance problems. Advice from Quest Software's industry experts help users speed the resolution process.

#### Detailed Process Tracking Capabilities

Spotlight shows up to 24 hours of historical information about specific Unix/Linux processes including availability, CPU usage, memory and number of threads. Multiple panels show session details about every aspect of system activity, which allows viewing of I/O, physical and virtual memory, network and operating system processes.

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## Explore detailed activity:

- CPU
- Disk
- Processes
- Memory
- Network

## Configurable Alarms

Alarms can be configured to suit individual requirements, or left at their default values, which provide useful thresholds.

## Event Log Tracking

Spotlight alerts you whenever specific or general event log entries have been raised on the servers being viewed. It constantly scans for any new log entries that meet your specified criteria.

## Remote Connections

Quickly and easily connect to problem machines anywhere on the network.

## Other Quest Solutions for Unix, Linux and Windows Operating Systems

- Foglight® provides 24x7 unattended monitoring of heterogeneous Unix, Linux and Microsoft Windows environments and enterprise applications running on them

## System Requirements

### Clients Supported

- Windows NT 4.0 Workstation and Server with Service Pack 3 or later
- Windows 2000 Professional, Server or Advanced Server

### Operating Systems Supported

- Sun Solaris 2.6, 2.7, 2.8
- HP-UX 10.20, 11i
- AIX 4.3.3, 5.1
- Redhat 6.x (Linux 2.2) , Redhat 7.x (Linux 2.4)

For more information about Spotlight or other Quest Software products, please call 949.754.8000 or visit us at [www.quest.com](http://www.quest.com).



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