



Foglight® for .NET

Deliver, Manage and Control .NET Applications

IT organizations are increasing their adoption of .NET technologies for business-critical applications. These organizations struggle to meet — much less exceed — application performance and availability service levels in the face of continuous change and increasing complexity.

The lack of adequate .NET application management solutions results in:

- Loss of revenue and employee productivity due to downtime of business-critical applications.
- Inability to determine if applications are meeting their Service Level Agreements (SLAs).
- Inability to proactively prevent application performance degradations and failures.
- Increased time, across the IT organization, required to pinpoint the root cause of application performance degradations and failures.
- Inefficient resource usage as developers spend too much time in production application support.

As an integral part of Quest's Application Advantage™, Foglight® for .NET enables IT organizations to deliver, manage and control .NET applications to exceed service levels and optimize application support processes.

This solution provides performance, availability and exception monitoring and diagnostics, targeted reporting for historical, trending and real-time application service levels and interactions with key Microsoft products for IT operations management and application development.

The screenshot displays the Foglight for .NET interface. On the left, there's a sidebar with 'All applications' and a list of monitored components. The main area shows a performance event tree for 'QuestionnairePage.aspx' with a total duration of 20,734 ms. The tree highlights a slow execution path. On the right, there's a pane for 'Performance Event ID 296' showing event properties and a 'Slowest nodes' section with a stack of events. The bottom pane shows 'Variables' for the event, including session information like 'UserAnswer' and 'UserAnswerID'.

Monitor .NET applications and collect root-cause diagnostic information in real time.

- Optimize application and Web services transaction performance
- Validate application and Web services performance and availability
- Discover, diagnose and resolve application and Web services performance and complex exception issues
- Quickly pinpoint exception issues to the line of code with Visual Studio integration
- Inform the application's IT and business owners of performance, exception events and trends
- Optimize developers' time for writing code to add business value, while diminishing time required for application support

Monitored Systems

- Windows 2000 Advanced Server
- Windows Server 2003
- .NET Framework 1.0
- .NET Framework 1.1
- .NET Framework 2.0
- Internet Information Services 5.0
- Internet Information Services 6.0

Application and Web Services Performance and Availability Monitoring

Foglight for .NET can monitor transactions in real time and determine when application response time degrades. It also detects problems before they affect end users or impact SLAs, and tracks the slowest transactions to identify the root cause of performance issues and application failures.

Real-Time Root Cause Diagnostics

Foglight for .NET speeds time to resolution by isolating bottlenecks to specific resources such as ASP.NET, ADO.NET and Web services. It collects the complete call stack and object state at the moment of failure in distributed applications, gathers SQL statements and parameters, method parameters, local variables and member variables values and eliminates the need for developers to instrument code for diagnostic information.

Low Impact Data Collection

Foglight for .NET monitors applications with extremely low overhead, collecting diagnostic information only on those transactions that are performing poorly. Event throttling also minimizes the impact to the application due to excessive performance and failure events.

Application Hot Spot Reporting and Trending

Foglight for .NET informs developers of highly problematic application areas and validates application availability and reliability with trend analysis and reporting.

Visual Studio Integration

Foglight for .NET goes directly from exception event to the line of code with Visual Studio integration to expedite diagnosis and resolution.

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.



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