Application Performance Monitor

Easily Monitor the Availability & Performance of Business-Critical Applications

WhatsUp Gold APM is an add-on module for the award winning WhatsUp Gold family of IT monitoring solutions. It provides system administrators and application owners with the data they need to deliver application performance and availability. WhatsUp Gold APM features alibrary of turnkey application profiles to monitor Microsoft® and other commercial off-the-shelf applications, such as Oracle's eBusiness Suite and Cisco's Unified Communications Manager (CUCM) as well as the Linux, Apache, MySQL (LAMP) stack. It also provides an intuitive application profile builder to monitor your in-house applications.

Monitoring Commercial Applications

WhatsUp Gold APM's turnkey Application Profiles let you easily monitor availability performance of Linux systems, Apache web servers (Linux or Microsoft based), as well as popular Microsoft applications such as Exchange, SharePoint®, Dynamics, Lync®, SQL Server®, DNS, Internet Information Services (IIS), Active Directory®, and Hyper-V®. All profiles are developed following Microsoft's monitoring best practices and specify how to monitor an application and what actions you can take when an application or a monitored component changes state. You can even customize our certified application profiles with a one click copy and edit function.

Monitoring In-house Applications

The intuitive Application Profile Development Utility guides you through a simple process to quickly generate custom application profiles and modify existing profiles to meet your specific monitoring needs. If you need to monitor a critical application service or process, WhatsUp Gold APM discovers and presents a menu of all services and processes available on a target server. If you need to monitor detailed performance metrics, WhatsUp Gold APM MIB browser provides access to thousands of SNMP objects and the WMI library that contains thousands of Windows® performance metrics.

Delivering End User Performance and SLA Compliance

WhatsUp Gold APM provides your IT team with unique capabilities so you can deliver the performance demanded by your users and meet the SLAs imposed by your business owners. The product provides an early warning when users are experiencing poor response times. It measures the end user experience using Ipswitch iMacros and iDrone software extensions. WhatsUp Gold APM records the mouse clicks in a browser transaction, creates monitoring scripts, and executes the scripts anywhere in your network to measure end-to-end response time.

Advanced State Monitoring

WhatsUp Gold APM supports multiple application states – up, warning, down, maintenance, and unknown - and it has the flexibility to set threshold values for each. For example, if memory utilization exceeds 80 percent, the application is in the warning state. If it then exceeds 90 percent, the application is in the down state. This provides you with early warning to proactively respond to performance problems before they affect the business. WhatsUp Gold APM also lets you define critical and non-critical components when monitoring an application. A critical component failure puts an application in the down state, impacting SLAs. A non-critical component puts the application in the warning state, with no impact on SLAs.
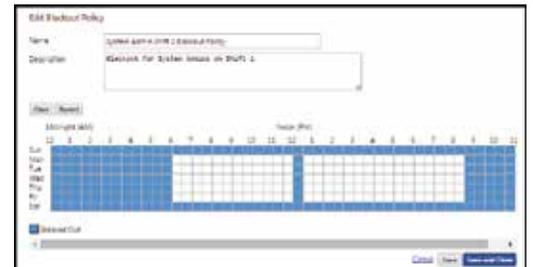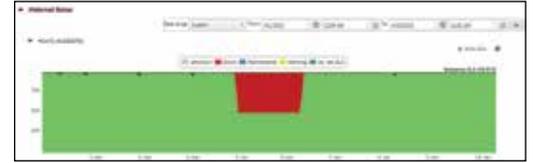
You can also define and monitor component dependencies and application-level dependencies with WhatsUp Gold APM. For example, SharePoint relies on IIS to serve up its web pages. If IIS is down, SharePoint is down. With WhatsUp Gold APM, you can configure IIS as a monitored component of SharePoint for alerting and reporting.

By managing thresholds, defining critical and non-critical components, creating critical component groups and application-level dependencies, you gain greater control over the definition and monitoring of application states and how SLAs are calculated. This eliminates false indictments on SLA failures.

Action Policies and Alerting

When a monitored component or application changes its state, you can create multi-step Action Policies. Action Policies can include issuing alerts via text or email, capturing events to a log file, or self-healing actions such as restarting an application service or initiating a PowerShell script. For example, when an application goes into a down state, you can specify an action path that immediately writes a log entry, kicks off an action script to reboot the system five minutes later, and sends an email notification ten minutes after that. You can define attributes to easily keep track of important configuration and settings information about your applications and systems. Take advantage of powerful percent variables in your action policies and component configurations, such as passing key information about your applications in email alert notification.

You can also define blackout policies for alerts and actions. For example, you can create an application specific blackout policy that suspends alerting on weekdays between 9 PM and 6 AM.
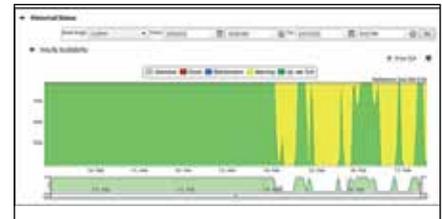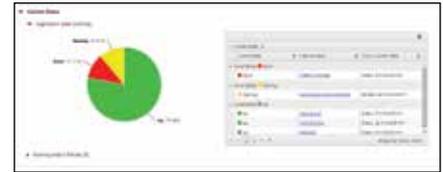
"WhatsUp Gold APM provides us with comprehensive monitoring of our networks, systems and applications together with alerting and historical reporting. We now monitor our applications and the network proactively, delivering optimal performance and preventing failures."

PHILIPP
Network and System Administrator

Reporting

WhatsUp Gold APM provides a powerful and easy to use Application Performance Monitoring Dashboard, designed to help IT quickly identify the root cause of application performance problems and identify trends that can affect future performance.

> › IT can assess the health of all applications with the Current Status Dashboard, then select an application for drill-down analysis.

> › WhatsUp Gold APM also provides Historical Status Reports that IT can use to drill down and analyze application performance problems over a period of time. By drilling down to the component level, you can identify difficult-to-diagnose, intermittent performance problems such as memory leaks and URI cache failures.

> › The Component Summary Dashboard provides a listing of all monitored components for an application, including bar charts that detail the percentage of time each application or component is in a specific state. This helps IT quickly spot chronic performance problems.

> › The State Change Log keeps a running tally of all state changes at the application and component level, which IT can use to anticipate potential problems.

Unified Infrastructure and Applications Monitoring

WhatsUp Gold APM provides a powerful and easy to use Application Performance Monitoring Dashboard, designed to help IT quickly identify the root cause of application performance problems and identify trends that can affect future performance.

WhatsUp Gold Application Performance Monitor is part of the **WhatsUp Gold Suite of Integrated Products,** delivering unified IT monitoring from one single view.

www.ipswitch.com/infrastructure-and-application-management

For a free 30-day trial please visit: www.ipswitch.com/free-trials/whatsupgold

83 Hartwell Avenue
Lexington, MA 02421
(781) 676-5700

Kingsfordweg 151
1043 GR Amsterdam
The Netherlands

Ipswitch Japan 株式会社
〒106-0047
東京都港区南麻布4-11-22
南麻布T&Fビル８階