



GLOBALWATCH MONITORING FOR WEB SERVICES

GLOBALWATCH OVERVIEW

Webmetrics GlobalWatch™ is a flexible, hosted web performance monitoring service that provides independent validation of availability, speed, reliability and functionality by continually monitoring your web presence from Webmetrics' worldwide monitoring network or from the perspective of behind the firewall.

Using Webmetrics GlobalWatch™, you can quickly identify and pinpoint downtime, errors or slow performance for faster recovery, long term trending, and SLA compliance and management.

MONITORING FOR WEB SERVICES

The emergence of collaborative web applications and services and their componentization has led to an explosion in the prevalence and use of Web Services. Web Services have become the preferred API mechanism.

Webmetrics' GlobalWatch Monitoring for Web Services validates the performance of:

- Single Web Services requests
- Multi-step Web Services transactions

GlobalWatch Monitoring for Web Services permits companies to take performance monitoring beyond internal infrastructure and stand-alone web applications to monitor integrated business processes between business partners, suppliers, service providers and customers – ensuring maximum uptime, speed and reliability.

WEB SERVICES ACRONYM GUIDE

XML – Extensible Markup Language

SOA – Service Oriented Architecture

WSDL – Web Services Description Language

SOAP – Simple Object Access Protocol

REST – Representational State Transfer

API – Application Programming Interface

KEY FEATURES

- Support for SOAP, REST and HTTP message types.
- Monitor simple Web Services requests or complex multi-step Web Service transactions (eg as used in APIs, B2B transactions, SOA or Mashup implementations)
- Measurements for response time and accuracy of response data
- Supports a variety of security encryption algorithms and mechanisms (eg HMAC, MD5, SHA)

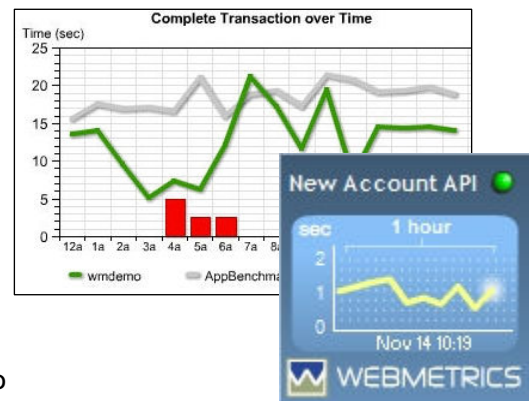


SPECIFIC TO THE REQUIREMENTS OF WEB SERVICES

- Ability to reuse the results of one web services request as an input to subsequent requests
- Ability to secure data as hidden variables (eg password are not apparent in scripts)
- Ability to customize HTTP header information – essential in implementation of an increasing number of web services

REPORTING AND ALERTS

- Full reporting capabilities with trending analysis: performance reports for response times, transaction step averages, and location-specific response times at various data rates for easy diagnosis of system problems
- Instant email/pager alerts for errors or slow transactions with configurable threshold triggers
- Widgets can be embedded in any web page to show recent performance, which constantly update



KEY BENEFITS

- Enhanced productivity of web applications and services
- Increased level of service to online customers, partners and serviced via Web Services
- Provides third party validation of the quality of your online applications: SLA compliance management and reporting
- Eliminate risks of service violations or lost revenue resulting from application downtime
- Monitors Web Service applications from outside your network/firewall to assess performance from end-user perspective

USE OF WEB SERVICES MONITORING

- APIs (bidirectional - both what is produced, and consumed)
- SOA Applications
- B2B Transactions
- Supply Chain Transactions
- SaaS Integration
- Integration with third parties
- Mashups – both enterprise and consumer



About Webmetrics

In January 2008, Webmetrics was acquired by NeuStar, Inc. (NYSE: NSR; description below) and joins the NeuStar Ultra Services division.

Webmetrics

Webmetrics is a leading provider of collaborative performance management services for complex web ecosystems. Webmetrics' website testing and monitoring services are used by companies and SaaS providers that want to ensure online performance, competitive advantage and a positive end-user experience. Webmetrics' GlobalWatch services test, monitor and measure the performance of websites, transactions, web services and streaming media to ensure 24/7 uptime and performance integrity. The Company's customers include GMAC, London Business School, Paypal, Careerbuilder, ING, Smithsonian and Harvard Business School Publishing.

NeuStar Inc. and NeuStar Ultra Services

NeuStar (NYSE: NSR) is a provider of clearinghouse and directory services to the global communications and Internet industry. NeuStar Ultra Services provides solutions to organizations that rely on core Internet services for their critical business processes, applications, and products. Providing integral authoritative DNS services at the root for Top Level Domain (TLD) registries and Second Level Domain (SLD) registrants, NeuStar Ultra Services has thousands of enterprise, service provider, and core infrastructure customers. Visit www.neustar.biz and www.neustarultraservices.biz for more information.

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