



CNT WUG Plug-In: Web Application Monitor (WAMonitor)

Current Version: v2012
Supports: WhatsUp Gold v15.x and earlier
List Price: USD495/Installation

Overview:

WAMonitor is a WhatsUp Gold companion plug-in that adds capability to monitor the availability and performances of web service applications by having the ability to perform simulated sequential user action (login/logout) of critical business applications: Webmail, Business Portal, ERP, CRM, etc.

Some network and system administrators may use it to monitor web-based SSL VPN accessibility, proxy appliance availability as well as checking on its performance during web content fetching, etc.

What does it monitor?

WAMonitor checks the availability and response time of the selected web application services.

How does it do it?

Connection

- It emulates web browser by processing the session cookies, SSL and non-SSL web traffic, as well as non-standard port activities for web traffic seamlessly.
- It provides versatile arguments (ie. ActiveX object function) for WhatsUp Gold NMS to handle various login methods includes NTLM Login, username and password login by HTTP POST and GET method.

Monitoring

User-defined parameter settings to act in the presence or absence by matching the argument strings against elements within the HTML contents: Header, Body, and/or HTTP Status Codes, elapsed time against a threshold, and detection of URL redirect.

Output

When it detects a failure to login or any server-side application error, it will trigger the WhatsUp Gold NMS to send an alert, based on pre-determined parameters.

Why is this important?

As the major beneficiaries are the end-users of web application services, their user experience, will generate greater user satisfaction (up-time availability, accessibility, access speed, and etc). Administrators will now have the ability to reduce response time to address web application down time.

Limitation

The *WAMonitor* is not able to handle Web Application components such as flash, complex java script login process, java applet and two-factor authentication (2FA) etc.

While the versatile object arguments and response allows user to handle most web applications, it requires user's good knowledge of scripting and creative programming logic, to process harness the power of this WAMonitor ActiveX objects.