



## MONITORS

- All activity within Microsoft IIS Web server environments, including multiple servers and instances, among both local and remote servers.
- Comprehensive server monitoring of all vital checkpoints across system, Web services, IIS, and ASP categories.

## FEATURES

- Centralized views of all vital IIS performance data
- Point and click access to high level server status and detailed checkpoint information
- Intuitive installation and seamless integration

## BENEFITS

- Improved performance and uptime. Proactive monitoring and alerting accelerates identification of performance issues—enabling response before end user productivity is affected.
- Enhanced resource optimization. Centralized, cohesive view of performance delivers insights into opportunities for resource optimization.
- SLA compliance. Instant alerts and real-time dashboards notify service managers in advance of SLA compliance breaches.

## NIMSOF DATASHEET

# Nimsoft for Microsoft Internet Information Services Monitoring

## Maximizing Web Server Availability and Performance

### Introduction

Over the years, corporate Web sites have been called upon to deliver increasingly vital business services, services that build business, support customers, manage supply chains, and much more. Web servers are at the core of these vital services, and no Web server is relied upon more than Microsoft's Internet Information Services (IIS) Web server, which powers more Fortune 1000 Web sites than any other Web server. But how do the enterprises and service providers that rely on these servers ensure optimal performance and uptime? How do they effectively monitor the levels of performance that end users actually are experiencing, at this minute? How can administrators quickly pinpoint performance issues and address them before they affect critical business transactions?

### The Solution

The Nimsoft for Microsoft IIS Monitoring Probe provides a powerful solution for efficiently monitoring all IIS server activity throughout an organization. The Nimsoft IIS probe offers administrators the tools they need to proactively monitor and manage their IIS servers, so they can ensure optimal performance and reliability. In addition, the Nimsoft IIS Monitoring probe is fully integrated with Nimsoft's service level management suite, enabling enterprises and services providers to manage their entire infrastructure with a single solution.

Fast, intuitive integration and insights—The Nimsoft IIS monitoring probe features an intuitive user interface that makes initial configuration fast and efficient. Using this interface, administrators can quickly define which IIS Web servers are to be centrally monitored, and how they're to be monitored.

Through the same intuitive interface, administrators can access graphical views that provide at-a-glance real-time status indicators, or they can be tailored to provide historical performance analysis of any IIS health metric.

Comprehensive IIS server monitoring—With the Nimsoft probe, organizations gain an extensive view of their entire IIS Web server infrastructure, whether it is comprised of a single Web server at headquarters or a number of servers spread over many offices and geographies. The probe can supervise IIS request execution times, and pinpoint hanging scripts and resources.

Description	Value	Unit	Class	Group
<input checked="" type="checkbox"/> Processor.% Idle Time_T...	83.0		User Object	User 0
<input checked="" type="checkbox"/> Processor.% Interrupt Tim...	0.2		User Object	User 0
<input checked="" type="checkbox"/> Request Bytes In Total	0		ASP	ASP
<input checked="" type="checkbox"/> Requests Executing	0		ASP	ASP
<input checked="" type="checkbox"/> Requests Queued	0		ASP	ASP
<input type="checkbox"/> testnetinfo	43		User Object	User 0
<input checked="" type="checkbox"/> Total Allowed Async I/O ...	770		IIS	IIS
<input checked="" type="checkbox"/> Total CPU	10.6	%	CPU	System
<input checked="" type="checkbox"/> Total Memory	2449	MB	Memory	System
<input checked="" type="checkbox"/> URI Cache Flushes	48844		IIS	IIS
<input checked="" type="checkbox"/> URI Cache Hits	8391		IIS	IIS
<input checked="" type="checkbox"/> URI Cache Hits %	95.7	%	IIS	IIS
<input checked="" type="checkbox"/> URI Cache Hits/minute	5.9		IIS	IIS
<input checked="" type="checkbox"/> URI Cache Misses	373		IIS	IIS
<input checked="" type="checkbox"/> URI Cache Misses/minute	3.0		IIS	IIS
<input checked="" type="checkbox"/> Web Service.Total Files ...	8540		User Object	User 0



Further, the Nimsoft IIS probe can monitor a full range of server statistics, ensuring the health and performance of each Web server is tracked in a comprehensive fashion. The probe can be configured to monitor all critical IIS checkpoints, which are mechanisms for gauging the health and performance of specific subsystems within the IIS web server. The IIS probe can monitor checkpoints in these categories: system, Web services, IIS, and ASP. In addition, with the Nimsoft IIS probe, it is easy to define custom checkpoints, which can include additional IIS Web services, such as FTP and SNMP.

Following is complete list of the checkpoints that the Nimsoft IIS probe can monitor:

### System Checkpoints

Available Physical Memory  
Memory In Use  
Memory Usage  
NW Bytes Total/sec  
Total CPU  
Total Memory

### Web Services Checkpoints

Bytes received/sec  
Bytes sent/sec  
Bytes Total/sec  
Connection Attempts/sec  
Current Connections  
Get Requests/sec  
Measured Async I/O Bandwidth Usage

### IIS Checkpoints

HTTP Response Time  
HTTP Response Value  
IIS Status Value  
Total Allowed Async I/O Requests  
URL Cache Flushes  
URL Cache Hits  
URL Cache Hits %  
URL Cache Hits/minute  
URL Cache Misses  
URL Cache Misses/min

### ASP Checkpoints

Request Bytes in Total  
Requests Executing  
Requests Queued

**Turn monitoring data into fast, useful insights**—The Nimsoft IIS probe offers powerful, intuitive access to information, enabling administrators to more easily spot trends and gain early warnings about potential problems.

## About Nimsoft

Nimsoft is the fastest growing provider of next generation performance and availability monitoring solutions for the complete physical and virtualized IT infrastructure. The Nimsoft solutions redefine the standards for ease of use and speed of deployment—providing outstanding return on investment and unparalleled customer satisfaction. Over 780 customers in 36 countries rely on Nimsoft solutions to monitor their IT based business applications and services. These customers include mid-market and global organizations, such as Barclays Capital and Amway Corporation, Bay Area Rapid Transit, Ladbrokes, MTU Aero Engines, TriNet, TRW Automotive, and hundreds of leading managed service providers such as CDW Berbee, Easynet, and Rackspace Managed Hosting. For more information, visit [www.nimsoft.com](http://www.nimsoft.com).

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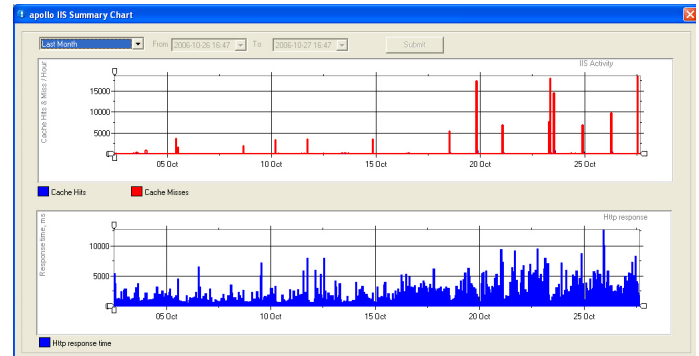
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Because of the Nimsoft probe's centralized view of all IIS Web servers, and its sophisticated graphical user interface, administrators can quickly get an easy-to-scan snapshot of the real-time status of the entire IIS infrastructure. Further, through this centralized console, administrators can simply double-click on the icon of any Web server being monitored, and be able to drill down to get graphs and status indicators on any of the specific server indicators that are being monitored.

The Nimsoft IIS probe offers convenient access to a range of reports:

- IIS checkpoint reports, which provide instant access to historical trend data for a specific checkpoint. These reports can provide views of the past 6, 12, 24, or 48 hours, and can display minimum, maximum, and average data values
- IIS server request reports, which detail Web site activity and requests that the IIS server is servicing, based on any selected time intervals—whether by hour, day, or month.
- IIS server summary reports, which summarize top server statistics, including HTTP response time and cache hits and misses for any specified time intervals.