Monitoring Agent for Microsoft Internet Information Services
Version 6.3.1 Fix Pack 11

Reference

IBM
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Version 6.3.1 Fix Pack 11

Reference

IBM
Before using this information and the product it supports, read the information in "Notices" on page 113.
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Chapter 1. Monitoring Agent for Microsoft Internet Information Services

The Monitoring Agent for Microsoft Internet Information Services offers a central point of management for your Microsoft Internet Information Server environment or application.

The software provides a comprehensive means for gathering the information that is required to detect problems early and to prevent them. Information is standardized across the system. You can monitor multiple servers from a single console. By using the Microsoft Internet Information Services agent you can easily collect and analyze Microsoft Internet Information Server specific information.

Installing and configuring the agent

Install the monitoring agent on the system where the application that you want to monitor is located.

For more information, see the following documentation in IBM Knowledge Center:
- IBM Cloud Application Performance Management
- IBM Cloud Application Performance Management, Private
Chapter 2. Dashboards

Open the Application Performance Dashboard in the Cloud APM console to see a status summary of all your applications. As you drill down to dashboards for specific applications and their supporting elements, more details are available about the selected item.

Use the Microsoft Internet Information Services agent dashboards to proactively monitor your Microsoft Internet Information Server deployment. Each dashboard page contains views with key performance indicators.

When an application that includes Microsoft Internet Information Server managed resources (also referred to as managed systems) is selected, the navigator and the Status Overview tab show Microsoft Internet Information Server in the Components group:

• Click Components to see a single Microsoft Internet Information Server group widget that is displayed along with a group widget for every other data source type in the application.
• Click the Microsoft Internet Information Server subgroup to see a group widget for each managed resource in the application.
• Click inside a Microsoft Internet Information Server group widget or click a Microsoft Internet Information Server managed resource from the navigator Instances section to open a dashboard with KPIs from the selected managed resource.

For more information about the KPIs, click ? in the view or click ? in the dashboard banner.

Default dashboards

Microsoft Internet Information Services
The summary dashboard shows the current status and availability of each monitored IIS application. Review the resource usage and investigate any warning or critical thresholds. If the Events tab shows a warning or critical status indicator, open the tab to see the open events and status for the application. Click anywhere on a group widget to drill down to detailed information about the application instance.

Overview
Use the Microsoft Internet Information Services overview dashboard to know the status of and monitor the resources of the IIS server. The IIS resources include:

• The details of the websites
• The availability of services and processes
• The information about the errors, the rate of data that is sent and received, and the connection statistics

Click a website name in the Websites Details group widget to view the details of the website.

Website Detail
Use the Website Detail page to know the details of the website that you selected on the Websites Details group widget. The details include request rate, error statistics and connection statistics.

Additional group widgets
These pop-up group widgets are displayed after you click a group widget for more details. Some group widgets have links to more granular information in a pop-up widget, described here.
Group widgets for the Default dashboards

Microsoft Internet Information Services

The summary dashboard shows the current status and availability of each monitored IIS application. Review the resource usage and investigate any warning or critical thresholds. If the Events tab shows a warning or critical status indicator, open the tab to see the open events and status for the application. Click anywhere on a group widget to drill down to detailed information about the application instance.

The following group widgets are available in this dashboard:

**Internet Information Services Status**

The Internet Information Services Status group widget provides a summary of the status of the web server.

The following KPIs for the group widget are derived from the attributes as described:

- **Connection attempts rate (per sec):** The rate, in seconds, at which connections are attempted to the WWW service. This data is derived from the Connection Attempts Rate attribute in the KQ7 WEB SERVICE data set.
- **Data receive rate (KB/sec):** The rate in seconds, at which KB are received by the WWW service. This data is derived from the KB Received Rate attribute in the KQ7 WEB SERVICE data set.
- **Data sent rate (KB/sec):** The rate, in seconds, at which KB are sent by the WWW service. This data is derived from the KB Sent Rate attribute in the KQ7 WEB SERVICE data set.
- **Logon attempts rate (per sec):** The rate, in seconds, at which attempts were made to log on to the WWW service. This data is derived from the Logon Attempts Rate attribute in the KQ7 WEB SERVICE data set.
- **Services (critical):** Indicates the number of services that are in critical status. This data is derived from the Status attribute in the KQ7 AVAILABILITY data set.
- **Services (normal):** Indicates the number of services that are in normal status. This data is derived from the Status attribute in the KQ7 AVAILABILITY data set.
- **Total requests rate (per sec):** The rate, in seconds, at which all the HTTP requests are received. This data is derived from the Total Requests Rate attribute in the KQ7 WEB SERVICE data set.
- **Web server status:** The current state of the IIS web server. This data is derived from the State attribute in the KQ7 IIS WEB SERVER STATUS data set.
- **Websites (critical):** Indicates the number of websites that are in critical status.
- **Websites (normal):** Indicates the number of websites that are in normal status.

Overview

Use the Microsoft Internet Information Services overview dashboard to know the status of and monitor the resources of the IIS server. The IIS resources include:

- The details of the websites
- The availability of services and processes
- The information about the errors, the rate of data that is sent and received, and the connection statistics

Click a website name in the Websites Details group widget to view the details of the website.

The following group widgets are available in this dashboard:

**Connections Statistics (history)**

The Connections Statistics (history) group widget displays a line chart that provides information about the connection details for a website during a specified period.

The following KPIs for the group widget are derived from the attributes as described:
• Connection attempts rate: The rate, in seconds, at which connections are attempted to the WWW service. This data is derived from the Connection Attempts Rate attribute in the KQ7 WEB SERVICE data set.

• Logon attempts rate: The rate, in seconds, at which attempts were made to log on to the WWW service. This data is derived from the Logon Attempts Rate attribute in the KQ7 WEB SERVICE data set.

• Time: The local time at the agent when the data was collected. This data is derived from the Timestamp attribute in the KQ7 WEB SERVICE data set.

Data Transfer Rate (history)
The Data Transfer Rate (history) group widget provides a line chart that contains information about the rate of the data that is sent and received (in KB per second) by the web service during a specified period.

The following KPIs for the group widget are derived from the attributes as described:
• Received: The rate in seconds, at which KB are received by the WWW service. This data is derived from the KB Received Rate attribute in the KQ7 WEB SERVICE data set.
• Sent: The rate, in seconds, at which KB are sent by the WWW service. This data is derived from the KB Sent Rate attribute in the KQ7 WEB SERVICE data set.
• Time: The local time at the agent when the data was collected. This data is derived from the Timestamp attribute in the KQ7 WEB SERVICE data set.

Error Statistics (history)
The Error Statistics (history) group widget displays a line chart that provides statistical information about the errors that occur when a request is sent to the web service during a specified period.

The following KPIs for the group widget are derived from the attributes as described:
• Locked errors: The rate, in seconds, at which requests were not satisfied because the requested document was locked. This data is derived from the Locked Errors Rate attribute in the KQ7 WEB SERVICE data set.
• Page not found errors: The rate, in seconds, at which requests were not satisfied by the server because the requested document was not found. This data is derived from the Not Found Errors Rate attribute in the KQ7 WEB SERVICE data set.
• Time: The local time at the agent when the data was collected. This data is derived from the Timestamp attribute in the KQ7 WEB SERVICE data set.

Request Rate (history)
The Request Rate (history) group widget provides a line chart that contains information about the requests received per second.

The following KPIs for the group widget are derived from the attributes as described:
• Requests Received: The rate, in seconds, at which all the HTTP requests are received. This data is derived from the Total Requests Rate attribute in the KQ7 WEB SERVICE data set.
• Time: The local time at the agent when the data was collected. This data is derived from the Timestamp attribute in the KQ7 WEB SERVICE data set.

Services Summary
The Services Summary group widget provides a table that contains the summary of services and processes. To open the Service Details (history) group widget, select a service or a process in the Services Summary group widget.
The Services Summary group widget might display multiple entries with the same service name. These multiple entries are displayed because several worker processes of an application pool contain the same service name. To differentiate between these services, refer the Process ID column.

The following KPIs for the group widget are derived from the attributes as described:

- **CPU Used (%):** The percentage of the elapsed time that this process used the processor to execute instructions. This data is derived from the Percent Processor Time attribute in the KQ7 AVAILABILITY data set.

- **Name:** The descriptive name of a part of the application. This data is derived from the Application Component attribute in the KQ7 AVAILABILITY data set.

- **Process ID:** The process ID associated with the process. This attribute contains only valid data for processes. This data is derived from the PID attribute in the KQ7 AVAILABILITY data set.

- **Status:** The status of the application component.
  - For processes 'UP', 'DOWN', 'WARNING', or 'PROCESS_DATA_NOT_AVAILABLE': 'PROCESS_DATA_NOT_AVAILABLE' is displayed for a process when the matching process is running but the resource use information cannot be collected for that process.
  - For services 'UP', 'DOWN', or 'UNKNOWN': 'UNKNOWN' is displayed when the service is not installed.
  - For functionality tests: 'PASSED' or 'FAILED' is displayed.

This data is derived from the Status attribute in the KQ7 AVAILABILITY data set.

**Websites Details**

The Websites Details group widget contains information about the details of the websites that are hosted on the IIS Server. The information is sorted according to the status of the websites by default. To view more details of a specific website, click the website name in the Websites Details group widget.

The following KPIs for the group widget are derived from the attributes as described:

- **Name:** The name of a website. This data is derived from the Web Site Name attribute in the KQ7 IIS WEB SITES DETAIL data set.

- **Status:** The current state of the website. This data is derived from the State attribute in the KQ7 IIS WEB SITES DETAIL data set.

**Website Detail**

Use the Website Detail page to know the details of the website that you selected on the Websites Details group widget. The details include request rate, error statistics and connection statistics.

The following group widgets are available in this dashboard:

**Connections Statistics (history)**

The Connections Statistics (history) group widget displays a line chart that provides information about the connection details for a website during a specified period.

The following KPIs for the group widget are derived from the attributes as described:

- **Connection attempts rate:** The rate, in seconds, at which connections are attempted to the WWW service. This data is derived from the Connection Attempts Rate attribute in the KQ7 WEB SERVICE data set.

- **Logon attempts rate:** The rate, in seconds, at which attempts were made to log on to the WWW service. This data is derived from the Logon Attempts Rate attribute in the KQ7 WEB SERVICE data set.

- **Time:** The local time at the agent when the data was collected. This data is derived from the Timestamp attribute in the KQ7 WEB SERVICE data set.
Data Transfer Rate (history)
The Data Transfer Rate (history) group widget provides a line chart that contains information about the rate of the data that is sent and received (in KB per second) by the web service during a specified period.

The following KPIs for the group widget are derived from the attributes as described:
- Received: The rate in seconds, at which KB are received by the WWW service. This data is derived from the KB Received Rate attribute in the KQ7 WEB SERVICE data set.
- Sent: The rate, in seconds, at which KB are sent by the WWW service. This data is derived from the KB Sent Rate attribute in the KQ7 WEB SERVICE data set.
- Time: The local time at the agent when the data was collected. This data is derived from the Timestamp attribute in the KQ7 WEB SERVICE data set.

Error Statistics (history)
The Error Statistics (history) group widget displays a line chart that provides statistical information about the errors that occur when a request is sent to the web service during a specified period.

The following KPIs for the group widget are derived from the attributes as described:
- Locked errors: The rate, in seconds, at which requests were not satisfied because the requested document was locked. This data is derived from the Locked Errors Rate attribute in the KQ7 WEB SERVICE data set.
- Page Not Found errors: The rate, in seconds, at which requests were not satisfied by the server because the requested document was not found. This data is derived from the Not Found Errors Rate attribute in the KQ7 WEB SERVICE data set.
- Time: The local time at the agent when the data was collected. This data is derived from the Timestamp attribute in the KQ7 WEB SERVICE data set.

Request Rate (history)
The Request Rate (history) group widget provides a line chart that contains information about the requests received per second.

The following KPIs for the group widget are derived from the attributes as described:
- Requests Received: The rate, in seconds, at which all the HTTP requests are received. This data is derived from the Total Requests Rate attribute in the KQ7 WEB SERVICE data set.
- Time: The local time at the agent when the data was collected. This data is derived from the Timestamp attribute in the KQ7 WEB SERVICE data set.

Websites Details
The Websites Details group widget contains information about the details of the websites that are hosted on the IIS Server. The information is sorted according to the status of the websites by default. To view more details of a specific website, click the website name in the Websites Details group widget.

The following KPIs for the group widget are derived from the attributes as described:
- Current connections: The number of active connections to the WWW service. This data is derived from the Current Connections attribute in the KQ7 WEB SERVICE data set.
- Files received rate: The rate, in seconds, at which files are received by the WWW service. This data is derived from the Files Received Rate attribute in the KQ7 WEB SERVICE data set.
- Files sent rate: The rate, in seconds, at which files are sent. This data is derived from the Files Sent Rate attribute in the KQ7 WEB SERVICE data set.
- HTTP port: The HTTP port number of the website. This data is derived from the HTTP Port attribute in the KQ7 IIS WEB SITES DETAIL data set.
• Name: The name of a website. This data is derived from the Web Site Name attribute in the KQ7 IIS WEB SITES DETAIL data set.
• SSL port: The SSL port number of the website. This data is derived from the SSL Port attribute in the KQ7 IIS WEB SITES DETAIL data set.
• Status: The current state of the website. This data is derived from the State attribute in the KQ7 IIS WEB SITES DETAIL data set.
• Total connection attempts: The number of connections attempted to the WWW service since the service started. This data is derived from the Total Connection Attempts attribute in the KQ7 WEB SERVICE data set.
• Total files transferred: The sum of total files sent and received by the WWW service since the service started. This data is derived from the Total Files Transferred attribute in the KQ7 WEB SERVICE data set.
• Total KBytes transferred: The total number of KB of data that are sent and received by the WWW service since the service started. This data is derived from the Total KBytes Transferred attribute in the KQ7 WEB SERVICE data set.
• Total logon attempts: The number of attempts made to log on to the WWW service since the service started. This data is derived from the Total Logon Attempts attribute in the KQ7 WEB SERVICE data set.
• Web site uptime(Hrs): The amount of time, in hours, that the WWW service is running. This data is derived from the Web Service Uptime In Hrs attribute in the KQ7 WEB SERVICE data set.

Additional group widgets

These pop-up group widgets are displayed after you click a group widget for more details. Some group widgets have links to more granular information in a pop-up widget, described here.

The following group widgets are available in this dashboard:

Service Details (history)

The Service Details (history) group widget provides information about the thread count, the virtual size, and the page fault per second of a service during a specified period. To open the Service Details (history) group widget, select a service or a process in the Services Summary group widget.

The following KPIs for the group widget are derived from the attributes as described:
• Page fault per second: The rate of page faults for the process measured in faults per second. This attribute contains only valid data for processes. This data is derived from the Page Faults per Sec attribute in the KQ7 AVAILABILITY data set.
• Thread count: The number of threads currently allocated by this process. This attribute contains only valid data for processes. This data is derived from the Thread Count attribute in the KQ7 AVAILABILITY data set.
• Virtual size (MB): The virtual size (in MB) of the process. This data is derived from the Virtual Size attribute in the KQ7 AVAILABILITY data set.

Custom views

After you select an application that includes a Microsoft Internet Information Server managed resource, select the Custom Views tab to create and display custom dashboard pages with attribute values from the Microsoft Internet Information Services agent. You can quickly build monitoring pages for an application and save them for viewing by you alone or share with other users.
Chapter 3. Thresholds

Thresholds test for certain conditions on your managed systems, such as memory usage over 95%, and raise an event when the conditions have been met.

The agent comes with predefined thresholds that you can use to monitor your Microsoft Internet Information Server environment.

You can create additional thresholds for the areas of interest.

After you click System Configuration > Threshold Manager, select Microsoft Internet Information Server as the data source type to see all the available thresholds.

Predefined thresholds

The thresholds are organized by the data set for which they were written. The Microsoft Internet Information Services agent has the following predefined thresholds:

KQ7_AppHostSvc_Service_Down
AppHostSvc service is down [MS IIS V7.x].

The default configuration has the following SQL syntax:

*IF *VALUE KQ7_AVAILABILITY.Name *EQ AppHostSvc *AND *VALUE KQ7_AVAILABILITY.Status *EQ DOWN

This threshold is evaluated every 15 minutes.

The severity of this threshold is Critical.

KQ7_AppHostSvc_SID_Config_Err
AppPool name data for SID mapping is incorrect [MS IIS V7.x].

The default configuration has the following SQL syntax:

*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'AppHostSvc' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 9000

This threshold is evaluated every None. Data is analyzed when it becomes available.

The severity of this threshold is Warning.

KQ7_App_Load_Fail
Server failed to load application.

The default configuration has the following SQL syntax:

*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'W3SVC' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 36

This threshold is evaluated every None. Data is analyzed when it becomes available.

The severity of this threshold is Warning.

KQ7_ASP_High_Error_Rate
ASP error rate is above the defined threshold.

The default configuration has the following SQL syntax:

*IF *VALUE KQ7_ACTIVE_SERVER_PAGES.Errors_Rate *GT 1

This threshold is evaluated every 30 minutes.
The severity of this threshold is Warning.

KQ7_ASP_Que_Size_Increased
The size of the Active Server Pages queue increased.
The default configuration has the following SQL syntax:
*IF VALUE KQ7_ACTIVE_SERVER_PAGES.Requests_Queued_Delta GT 0
This threshold is evaluated every 15 minutes.
The severity of this threshold is Warning.

KQ7_ASP_Req_Dispatch_Slow
The ASP requests are dispatched too slowly.
The default configuration has the following SQL syntax:
*IF VALUE KQ7_ACTIVE_SERVER_PAGES.Request_Wait_GT_Execution_Time GT 0
This threshold is evaluated every 30 minutes.
The severity of this threshold is Warning.

KQ7_ASP_Req_Que_Size_Large
The ASP requests queue size is too large.
The default configuration has the following SQL syntax:
*IF VALUE KQ7_ACTIVE_SERVER_PAGES.Requests_Queued GT 1000
This threshold is evaluated every 30 minutes.
The severity of this threshold is Warning.

KQ7_FTP_Site_Down
The FTP site is not available.
The default configuration has the following SQL syntax:
*IF VALUE KQ7_FTP_SERVER_SITE_STATUS.State NE 'Started'
This threshold is evaluated every 30 minutes.
The severity of this threshold is Warning.

KQ7_FTP_Site_Down_V7
The FTP site is not available.
The default configuration has the following SQL syntax:
*IF VALUE KQ7_IIS_FTP_SITES_DETAIL.State NE 'Started'
This threshold is evaluated every 30 minutes.
The severity of this threshold is Warning.

KQ7_HTTP_Log_Serv_Unavailable
Service Unavailable: Error while trying to access website.
The default configuration has the following SQL syntax:
*IF VALUE KQ7_HTTP_ERROR_LOG.Error_Code EQ '503.1'
This threshold is evaluated every 30 minutes.
The severity of this threshold is Warning.

KQ7_IISADMIN_Service_Down
IISADMIN service is down.
The default configuration has the following SQL syntax:
**KQ7_IISWMSVC_Login_Unknown_Err**

IISWMSVC login unexpected error [MS IIS V7.x].

The default configuration has the following SQL syntax:

```sql
*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'Microsoft-Windows-IIS-IISManager' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 1100
```

This threshold is evaluated every None. Data is analyzed when it becomes available.

The severity of this threshold is Warning.

**KQ7_IIS_Web_Site_Down**

IIS website is not available.

The default configuration has the following SQL syntax:

```sql
*IF *VALUE KQ7_IIS_WEB_SERVER_SITE_STATUS.State *NE 'Started'
```

This threshold is evaluated every 30 minutes.

The severity of this threshold is Warning.

**KQ7_IIS_Web_Site_Down_V7**

IIS website is not available.

The default configuration has the following SQL syntax:

```sql
*IF *VALUE KQ7_IIS_WEB_SITES_DETAIL.State *NE 'Started'
```

This threshold is evaluated every 5 minutes.

The severity of this threshold is Critical.

**KQ7_Service_Down_Failed**

One or more services are either Down or in Failed state.

The default configuration has the following SQL syntax:

```sql
*IF *VALUE KQ7_AVAILABILITY.Status *EQ DOWN *OR *VALUE KQ7_AVAILABILITY.Status *EQ FAILED
```

This threshold is evaluated every 5 minutes.

The severity of this threshold is Critical.

**KQ7_Service_Not_Installed_Warning**

One or more services are either in the warning state or the services are not installed.

The default configuration has the following SQL syntax:

```sql
*IF *VALUE KQ7_AVAILABILITY.Status *EQ UNKNOWN *OR *VALUE KQ7_AVAILABILITY.Status *EQ WARNING
```

This threshold is evaluated every 5 minutes.

The severity of this threshold is Warning.

**KQ7_VirtualDir_CfgLost**

Virtual directory configuration information is lost.

The default configuration has the following SQL syntax:
*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'IIS Config' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 51260

This threshold is evaluated every None. Data is analyzed when it becomes available.

The severity of this threshold is Warning.

KQ7_W3SVC_App_Pool_Cmd_Err
Application Pool configuration error [MS IIS V7.x].
The default configuration has the following SQL syntax:
*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'W3SVC' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 1042

This threshold is evaluated every None. Data is analyzed when it becomes available.

The severity of this threshold is Informational.

KQ7_W3SVC_Binding_Fail
W3SVC did not configure bindings for an application in website.
The default configuration has the following SQL syntax:
*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'W3SVC' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 1029

This threshold is evaluated every None. Data is analyzed when it becomes available.

The severity of this threshold is Warning.

KQ7_W3SVC_Bind_Fail_Invalid_URL
W3SVC binding failed.
The default configuration has the following SQL syntax:
*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'W3SVC' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 1003

This threshold is evaluated every None. Data is analyzed when it becomes available.

The severity of this threshold is Warning.

KQ7_W3SVC_Fail_2_Init
W3SVC failed to initialize the HTTP driver.
The default configuration has the following SQL syntax:
*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'W3SVC' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 1173

This threshold is evaluated every None. Data is analyzed when it becomes available.

The severity of this threshold is Critical.

KQ7_W3SVC_Fail_2_Set_Queue.Len
Failed to configure AppPoolQueueLen.
The default configuration has the following SQL syntax:
*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'W3SVC' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 1087

This threshold is evaluated every None. Data is analyzed when it becomes available.

The severity of this threshold is Warning.

KQ7_W3SVC_Filters_Load_Fail
WP failed to load all ISAPI filters for the website or service.
The default configuration has the following SQL syntax:
*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'W3SVC-WP' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 2268
This threshold is evaluated every None. Data is analyzed when it becomes available..
The severity of this threshold is Warning.

**KQ7_W3SVC_Listen_2_Many_Port**
W3SVC did not register the URL prefix for the website.

The default configuration has the following SQL syntax:
*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'W3SVC' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 1131
This threshold is evaluated every None. Data is analyzed when it becomes available..
The severity of this threshold is Warning.

**KQ7_W3SVC_Perfmon_Init_Err**
W3SVC has an inaccurate perfmon counter or no counter.

The default configuration has the following SQL syntax:
*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'W3SVC' *AND *VALUE KQ7Evento\_Log.Event\_ID *GT 1017 *AND *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'W3SVC' *AND *VALUE KQ7_EVENT_LOG.Event_ID *LE 1019
This threshold is evaluated every None. Data is analyzed when it becomes available..
The severity of this threshold is Warning.

**KQ7_W3_ETW_Tracing_Init_Failed**
ETW tracing failed to initialize [MS IIS V7.x].

The default configuration has the following SQL syntax:
*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'W3SVC-WP' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 2275
This threshold is evaluated every None. Data is analyzed when it becomes available..
The severity of this threshold is Warning.

**KQ7_W3_Fail_2_Create_FREB_Dir**
FailedRequestTracing failed to create directory [MS IIS V7.x].

The default configuration has the following SQL syntax:
*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'W3SVC-WP' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 2283
This threshold is evaluated every None. Data is analyzed when it becomes available..
The severity of this threshold is Warning.

**KQ7_Website_Certificate_Expiry**
The website certificate is about to expire.

The default configuration has the following SQL syntax:
*IF *VALUE KQ7_WEBSITE_CERTIFICATE_DETAILS.Days_Remaining *LT 16
This threshold is evaluated every 23 hours.
The severity of this threshold is Warning.
KQ7_Web_Server_Down
Microsoft IIS web server is down.

The default configuration has the following SQL syntax:
*IF *VALUE KQ7_IIS_WEB_SERVER_STATUS.State *EQ 'Paused' *OR VALUE KQ7_IIS_WEB_SERVER_STATUS.State *EQ 'Stopped'

This threshold is evaluated every 1 minute.
The severity of this threshold is Critical.

KQ7_Web_TooMany_Connections
The site currently has too many connections.

The default configuration has the following SQL syntax:
*IF *VALUE KQ7_WEB_SERVICE.Current_Connections *GT 1000 *AND *VALUE KQ7_WEB_SERVICE.Name *NE '_Total'

This threshold is evaluated every 15 minutes.
The severity of this threshold is Warning.

KQ7_Web_TooMany_KB_Received
A website received too many KB per second.

The default configuration has the following SQL syntax:
*IF *VALUE KQ7_WEB_SERVICE.KB_Received_Rate *GT 10000000 *AND *VALUE KQ7_WEB_SERVICE.Name *NE '_Total'

This threshold is evaluated every 30 minutes.
The severity of this threshold is Warning.

KQ7_Web_TooMany_KB_Sent
A website sent too many KB per second.

The default configuration has the following SQL syntax:
*IF *VALUE KQ7_WEB_SERVICE.KB_Sent_Rate *GT 10000000 *AND *VALUE KQ7_WEB_SERVICE.Name *NE '_Total'

This threshold is evaluated every 30 minutes.
The severity of this threshold is Warning.

KQ7_Web_TooMany_Requests
A website received too many requests per second.

The default configuration has the following SQL syntax:
*IF *VALUE KQ7_WEB_SERVICE.Total_Requests_Rate *GT 100000 *AND *VALUE KQ7_WEB_SERVICE.Name *NE '_Total'

This threshold is evaluated every 15 minutes.
The severity of this threshold is Warning.

KQ7_WMSVC_SvcHand_Unknown_Err
Error occurred when processing a service request [MS IIS V7.x].

The default configuration has the following SQL syntax:
*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'Microsoft-Windows-IIS-IISManager' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 1300

This threshold is evaluated every None. Data is analyzed when it becomes available.
The severity of this threshold is Warning.

**KQ7_WMSVC_UNABLE_2_READ_SETGS**
WMVC is unable to read settings [MS IIS V7.x].

The default configuration has the following SQL syntax:

*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'Microsoft-Windows-IIS-IISManager' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 1005

This threshold is evaluated every None. Data is analyzed when it becomes available.

The severity of this threshold is Warning.

**KQ7_WPAS_Config_Request_Fail**
The Windows Process Activation Service failed while requesting configuration changes [MS IIS V7.x].

The default configuration has the following SQL syntax:

*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'WAS' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 5064

This threshold is evaluated every None. Data is analyzed when it becomes available.

The severity of this threshold is Warning.

**KQ7_WPAS_Fail_2_Reg_Protocol**
The Windows Process Activation Service is unable to register protocol [MS IIS V7.x].

The default configuration has the following SQL syntax:

*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'WAS' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 5136

This threshold is evaluated every None. Data is analyzed when it becomes available.

The severity of this threshold is Warning.

**KQ7_WPAS_Fail_To_Config_Job_Obj**
The Windows Process Activation Service failed to configure a job object.

The default configuration has the following SQL syntax:

*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'WAS' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 5088

This threshold is evaluated every None. Data is analyzed when it becomes available.

The severity of this threshold is Warning.

**KQ7_WPAS_High_Load_Dynamic_Idle**
The dynamic idle load is high [MS IIS V7.x].

The default configuration has the following SQL syntax:

*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'WAS' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 5193

This threshold is evaluated every None. Data is analyzed when it becomes available.

The severity of this threshold is Warning.

**KQ7_WPAS_Process_Creation_Fail**
The Windows Process Activation Service failed to create a worker process for AppPool [MS IIS V7.x].

The default configuration has the following SQL syntax:
*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'WAS' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 5022
This threshold is evaluated every None. Data is analyzed when it becomes available.
The severity of this threshold is Warning.

KQ7_WPAS_Service_Down
The Windows Process Activation Service is down [MS IIS V7.x].
The default configuration has the following SQL syntax:
*IF *VALUE KQ7_AVAILABILITY.Name *EQ WAS *AND *VALUE KQ7_AVAILABILITY.Status *EQ DOWN
This threshold is evaluated every 5 minutes.
The severity of this threshold is Critical.

KQ7_WPAS_SID_Mapping_Failed
The Windows Process Activation Service encountered error during SID mapping for application pool.
The default configuration has the following SQL syntax:
*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'WAS' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 5190
This threshold is evaluated every None. Data is analyzed when it becomes available.
The severity of this threshold is Critical.

KQ7_WPAS_Terminated
The default configuration has the following SQL syntax:
*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'WAS' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 5030
This threshold is evaluated every None. Data is analyzed when it becomes available.
The severity of this threshold is Critical.

KQ7_WP_Memory_Leak
IIS process consumed excessive memory.
The default configuration has the following SQL syntax:
*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'W3SVC' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 1077
This threshold is evaluated every None. Data is analyzed when it becomes available.
The severity of this threshold is Warning.

KQ7_WP_Start_Fail
Error found during W3WP process startup [MS IIS V6.0].
The default configuration has the following SQL syntax:
*IF *VALUE KQ7_EVENT_LOG.Event_Source *EQ 'W3SVC-WP' *AND *VALUE KQ7_EVENT_LOG.Event_ID *EQ 2269
This threshold is evaluated every None. Data is analyzed when it becomes available.
The severity of this threshold is Warning.
Customized thresholds

You can use the predefined thresholds as a starting point for event monitoring, and create your own thresholds as conditions arise that you want to monitor. Hover your mouse over a help icon to get user assistance for the field. Click the help tool to open the help system for the Threshold Manager help topic.

The Microsoft Internet Information Services agent has many data sets that you can use to create thresholds to monitor for specific conditions.

Tip: If you are an IBM® Tivoli® Monitoring user, data sets are equivalent to attribute groups.
Chapter 4. Attributes

Attributes are the application properties that are being measured and reported by the Monitoring Agent for Microsoft Internet Information Services. Attributes make up the key performance indicators (KPIs) that are reported, and you can use them to create thresholds for conditions that you want to monitor.

About attributes

Attributes are organized into data sets (also referred to as attribute groups). The values can be selectively displayed in dashboards or used to define a threshold.

The most recent data sample of the attributes in the data set are used after you open a dashboard or start a threshold.

Dashboards

Attributes are displayed in the dashboards. The widgets specify which attribute values to request from a monitored resource.

Thresholds

You can define thresholds that monitor the state of your operating system, database, or application and open an event when the threshold is exceeded. You use attributes to define thresholds that describe a condition that you want to test. After the threshold is started, the values that are assigned to the attributes in the threshold definition are compared with the values collected by the Microsoft Internet Information Services agent. After the condition is met, an event is registered and you are alerted by indicator icons in the Application Performance Dashboard navigator and the Events tab.

The Microsoft Internet Information Services agent comes with predefined thresholds that are enabled and started with the agent. If you edit a predefined threshold definition, such as to change a condition or severity, it is no longer treated as a predefined threshold but considered a custom threshold.

Some attributes names display differently in the Threshold Editor, as shown in parentheses after the name, such as “Object Count (OBJECT_COUNT)”.

When the sampled values for the attributes that are referenced in a threshold meet the condition (such as attribute A is greater than 80%), an event is opened. Note the following conditions:

• When no data can be collected for a data set, an empty result is returned (no rows of data)
• When a specific attribute cannot be collected, the value 0 or “” is returned unless otherwise specified in a particular attribute (for example, “N/A”)
• Any numeric attribute value that is greater than the largest (positive or negative) number that can be represented by that type returns the corresponding maximum or minimum value. For example, the maximum value for a 32-bit number is 2,147,483,647.

These values are displayed as text values that are defined by the data set, such as “Value Exceeds Maximum” or “Value Exceeds Minimum”.

Historical data configurations

The Microsoft Internet Information Services agent collects historical data for key data sets that are shown in the dashboards. A dashboard page that includes historical views from the managed resource instance has a time selector tool for adjusting the time range. With line charts, you can also compare the values with a previous day, up to the number of days that have been saved.

Numeric attributes have characteristics that are indicated in parentheses after the data type, such as “(32-bit numeric property)”. A numeric attribute value can be 32-bit or 64-bit or some other size. The
value type can be gauge, which means it varies, like a speedometer; counter, which counts and always increases; or numeric property, such as disk size.

**Additional information about attributes**

For a list of the data sets, a list of the attributes in each data set, and descriptions of the attributes in the Microsoft Internet Information Services agent, see "Data sets for the monitoring agent" and "Attribute descriptions" on page 24.

**Data sets for the monitoring agent**

The Microsoft Internet Information Services agent contains the following data sets.

- **Data set name: Active Server Pages**
  - Table name: KQ7ACTIVES
  - Historical table name: KQ7_ACTIVE_SERVER_PAGES or KQ7ACTIVES

- **Data set name: Application Pool WAS**
  - Table name: KQ7APPLWAS
  - Historical table name: KQ7_APPLICATION_POOL_WAS or KQ7APPLWAS

- **Data set name: ASP NET**
  - Table name: KQ7ASPNETA
  - Historical table name: KQ7_ASP_NET or KQ7ASPNETA

- **Data set name: ASP NET Apps Filter**
  - Table name: KQ7ASPNETF
  - Historical table name: KQ7_ASP_NET_APPS_FILTER or KQ7ASPNETF

- **Data set name: ASP NET Apps V4**
  - Table name: KQ7ASPNET4
  - Historical table name: KQ7_ASP_NET_APPS_V4 or KQ7ASPNET4

- **Data set name: Availability**
  - Table name: KQ7AVAIL
  - Historical table name: KQ7_AVAILABILITY or KQ7AVAIL

- **Data set name: Centralized Certificate Details**
  - Table name: KQ7CENCER
  - Historical table name: KQ7_CENTRALIZED_CERTIFICATE_DETAILS or KQ7CENCER

- **Data set name: Event Log**
  - Table name: KQ7EVTLOG
  - Historical table name: KQ7_EVENT_LOG or KQ7EVTLOG

- **Data set name: Failed Request Tracing**
  - Table name: KQ7FARETR
  - Historical table name: KQ7_FAILED_REQUEST_TRACING or KQ7FARETR

- **Data set name: Failed Request Tracing Rules**
  - Table name: KQ7FAREQTR
  - Historical table name: KQ7_FAILED_REQUEST_TRACING_RULES or KQ7FAREQTR

- **Data set name: FTP Logon Attempt Restrictions Settings**
  - Table name: KQ7FTPLAR
  - Historical table name: KQ7_FTP_LOGON_ATTEMPT_RESTRICTIONS_SETTINGS or KQ7FTPLAR

- **Data set name: FTP Server Site Status**
  - Table name: KQ7IISFTPS
- Historical table name: KQ7_FTP_SERVER_SITE_STATUS or KQ7IISFTPS

- Data set name: FTP Service
  - Table name: KQ7FTPSERV
  - Historical table name: KQ7_FTP_SERVICE or KQ7FTPSERV

- Data set name: FTP Site Dynamic IP and Domain Restrictions
  - Table name: KQ7FDYNIPD
  - Historical table name: KQ7_FTP_SITE_DYNAMIC_IP_AND_DOMAIN_RESTRICTIONS or KQ7FDYNIPD

- Data set name: FTP Site IP and Domain Restrictions Settings
  - Table name: KQ7FIPDORS
  - Historical table name: KQ7_FTP_SITE_IP_AND_DOMAIN_RESTRICTIONS_SETTINGS or KQ7FIPDORS

- Data set name: FTP Version Information
  - Table name: KQ7IISFTPPI
  - Historical table name: KQ7_FTP_VERSION_INFORMATION or KQ7IISFTPPI

- Data set name: HTTP Custom Error Messages
  - Table name: KQ7HTTPCUS
  - Historical table name: KQ7_HTTP_CUSTOM_ERROR_MESSAGES or KQ7HTTPCUS

- Data set name: HTTP Error Log
  - Table name: KQ7HTTPERR
  - Historical table name: KQ7_HTTP_ERROR_LOG or KQ7HTTPERR

- Data set name: HTTP Error Response
  - Table name: KQ7HTTPRES
  - Historical table name: KQ7_HTTP_ERROR_RESPONSE or KQ7HTTPRES

- Data set name: HTTP Service Request Queues
  - Table name: KQ7HTTPSER
  - Historical table name: KQ7_HTTP_SERVICE_REQUEST_QUEUES or KQ7HTTPSER

- Data set name: IIS Application Pools Details
  - Table name: KQ7APPPOOL
  - Historical table name: KQ7_IIS_APPLICATION_POOLSDETAILS or KQ7APPPOOL

- Data set name: IIS Application Pools Setting
  - Table name: KQ7IISAPPL
  - Historical table name: KQ7_IIS_APPLICATION_POOLS_SETTING or KQ7IISAPPL

- Data set name: IIS Components
  - Table name: KQ7IISCOMP
  - Historical table name: KQ7_IIS_COMPONENTS or KQ7IISCOMP

- Data set name: IIS FTP Server Bindings
  - Table name: KQ7FTPBIND
  - Historical table name: KQ7_IIS_FTP_SERVER_BINDINGS or KQ7FTPBIND

- Data set name: IIS FTP Server Status
  - Table name: KQ7IISFTPM
  - Historical table name: KQ7_IIS_FTP_SERVER_STATUS or KQ7IISFTPM

- Data set name: IIS FTP Sites Detail
  - Table name: KQ7FSITDTL
  - Historical table name: KQ7_IIS_FTP_SITES_DETAIL or KQ7FSITDTL
• Data set name: IIS NNTP Server Status
  – Table name: KQ7IISNNNT2
  – Historical table name: KQ7_IIS_NNTP_SERVER_STATUS or KQ7IISNNNT2
• Data set name: IIS SMTP Server Status
  – Table name: KQ7IIS5MM
  – Historical table name: KQ7_IIS_SMTP_SERVER_STATUS or KQ7IIS5MM
• Data set name: IIS Version Information
  – Table name: KQ7IISWEBI
  – Historical table name: KQ7_IIS_VERSION_INFORMATION or KQ7IISWEBI
• Data set name: IIS Web Server Bindings
  – Table name: KQ7WEBBIND
  – Historical table name: KQ7_IIS_WEB_SERVER_BINDINGS or KQ7WEBBIND
• Data set name: IIS Web Server Site Status
  – Table name: KQ7IISWEBS
  – Historical table name: KQ7_IIS_WEB_SERVER_SITE_STATUS or KQ7IISWEBS
• Data set name: IIS Web Server Status
  – Table name: KQ7IISWEB1
  – Historical table name: KQ7_IIS_WEB_SERVER_STATUS or KQ7IISWEB1
• Data set name: IIS Web Sites Detail
  – Table name: KQ7WSITDTL
  – Historical table name: KQ7_IIS_WEB_SITES_DETAIL or KQ7WSITDTL
• Data set name: Internet Information Services Gl
  – Table name: KQ7INTERNE
  – Historical table name: KQ7_INTERNET_INFORMATION_SERVICES_GL or KQ7INTERNE
• Data set name: Microsoft FTP Service
  – Table name: KQ7WIN32P1
  – Historical table name: KQ7_MICROSOFT_FTP_SERVICE or KQ7WIN32P1
• Data set name: Mime Types
  – Table name: KQ7MIMETYP
  – Historical table name: KQ7_MIME_TYPES or KQ7MIMETYP
• Data set name: MSMQ Incoming HTTP Traffic
  – Table name: KQ7MQHTPTIT
  – Historical table name: KQ7_MSMQ_INCOMING_HTTP_TRAFFIC or KQ7MQHTPTIT
• Data set name: MSMQ Outgoing HTTP Session
  – Table name: KQ7MQHTPOS
  – Historical table name: KQ7_MSMQ_OUTGOING_HTTP_SESSION or KQ7MQHTPOS
• Data set name: NNTP Server
  – Table name: KQ7IISNNNTP
  – Historical table name: KQ7_NNTP_SERVER or KQ7IISNNNTP
• Data set name: NNTP Version Information
  – Table name: KQ7IISNNNT0
  – Historical table name: KQ7_NNTP_VERSION_INFORMATION or KQ7IISNNNT0
• Data set name: Performance Object Status
  – Table name: KQ7POBJST
  – Historical table name: KQ7_PERFORMANCE_OBJECT_STATUS or KQ7POBJST
• Data set name: SMTP Server
  – Table name: KQ7IISSMTP
  – Historical table name: KQ7_SMTP_SERVER or KQ7IISSMTP
• Data set name: SMTP Version Information
  – Table name: KQ7IISSMTP0
  – Historical table name: KQ7_SMTP_VERSION_INFORMATION or KQ7IISSMTP0
• Data set name: Thread Pool Status
  – Table name: KQ7THPLST
  – Historical table name: KQ7_THREAD_POOL_STATUS or KQ7THPLST
• Data set name: Virtual Domain Setting
  – Table name: KQ7VIRDOSE
  – Historical table name: KQ7_VIRTUAL_DOMAIN_SETTING or KQ7VIRDOSE
• Data set name: W3SVC W3WP
  – Table name: KQ7WIN32PE
  – Historical table name: KQ7_W3SVC_W3WP or KQ7WIN32PE
• Data set name: WAS W3WP
  – Table name: KQ7WIN32P0
  – Historical table name: KQ7_WAS_W3WP or KQ7WIN32P0
• Data set name: Web Service
  – Table name: KQ7WEBSERV
  – Historical table name: KQ7_WEB_SERVICE or KQ7WEBSERV
• Data set name: Web Service Cache
  – Table name: KQ7WEBSER1
  – Historical table name: KQ7_WEB_SERVICE_CACHE or KQ7WEBSER1
• Data set name: Web Service Extensions Restricted List
  – Table name: KQ7RESTRIC
  – Historical table name: KQ7_WEB_SERVICE_EXTENSIONS_RESTRICTED_LIST or KQ7RESTRIC
• Data set name: Website Certificate Details
  – Table name: KQ7SITECER
  – Historical table name: KQ7_WEBSITE_CERTIFICATE_DETAILS or KQ7SITECER
• Data set name: Website Dynamic IP and Domain Restrictions
  – Table name: KQ7DYNIPDO
  – Historical table name: KQ7_WEBSITE_DYNAMIC_IP_AND_DOMAIN_RESTRICTIONS or KQ7DYNIPDO
• Data set name: Website Dynamic IP Restrictions Settings
  – Table name: KQ7DYIPRS
  – Historical table name: KQ7_WEBSITE_DYNAMIC_IP_RESTRICTIONS_SETTINGS or KQ7DYIPRS
• Data set name: Website IP and Domain Restrictions Settings
  – Table name: KQ7IPDORS
  – Historical table name: KQ7_WEBSITE_IP_AND_DOMAIN_RESTRICTIONS_SETTINGS or KQ7IPDORS
• Data set name: Website Virtual Dir Details
  – Table name: KQ7VIRDIR
  – Historical table name: KQ7_WEBSITE_VIRTUAL_DIR_DETAILS or KQ7VIRDIR
• Data set name: Websites W3C Logs
Table name: KQ7WW3CLOG
- Historical table name: KQ7_WEBSITES_W3C_LOGS or KQ7WW3CLOG

**Attribute descriptions**

Attributes in each Microsoft Internet Information Services agent data set collect data that the agent uses for monitoring.

The descriptions of the data sets contain information such as description, type, and names for each attribute in the data set. Some attributes are designated as key attributes. A key attribute is an identifier attribute for the data set.

**Active Server Pages data set**

This data set monitors Active Server Pages performance.

This data set contains the following attributes:

**Current Sessions attribute**
- The number of sessions currently being serviced. The type is integer (32-bit gauge).
- The following names are defined for this attribute: SESSIONS_CURRENT or SESSIONS_C (historical name), Current Sessions (caption), Sessions_Current (attribute name), and SESSIONS_C (column name).

**Error Rate (per sec) attribute**
- The average number of errors that occurred per second. The type is real number (32-bit gauge) with two decimal places of precision.
- The following names are defined for this attribute: ERRORS_RATE or ERRORS_SEC (historical name), Error Rate (per sec) (caption), Errors_Rate (attribute name), and ERRORS_SEC (column name).

**Errors During Script Runtime attribute**
- The number of requests that failed because run-time errors occurred. The type is integer (32-bit gauge).
- The following names are defined for this attribute: ERRORS_DURING_SCRIPT_RUNTIME or ERRORS_DUR (historical name), Errors_During_Script_Runtime (caption), Errors_During_Script_Runtime (attribute name), and ERRORS_DUR (column name).

**Errors From ASP Preprocessor attribute**
- The number of requests that failed because preprocessor errors occurred. The type is integer (32-bit gauge).
- The following names are defined for this attribute: ERRORS_FROM_ASP_PREPROCESSOR or ERRORS_FRO (historical name), Errors_From_ASP_Preprocessor (caption), Errors_From_ASP_Preprocessor (attribute name), and ERRORS_FRO (column name).

**Errors From Script Compilers attribute**
- The number of requests that failed because script compilation errors occurred. The type is integer (32-bit gauge).
- The following names are defined for this attribute: ERRORS_FROM_SCRIPT_COMPILERS or ERRORS_FR0 (historical name), Errors_From_Script_Compilers (caption), Errors_From_Script_Compilers (attribute name), and ERRORS_FR0 (column name).

**Node attribute**
- The managed system name of the agent. This attribute is a key attribute. The type is string.
- The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).
Request Execution Time (ms) attribute
The number of milliseconds that it took to execute the most recent request. The type is integer (32-bit gauge).

The following names are defined for this attribute: REQUEST_EXECUTION_TIME or REQUEST_EX (historical name), Request Execution Time (ms) (caption), Request_Execution_Time (attribute name), and REQUEST_EX (column name).

Request KBytes In Total attribute
The total size, in KB, of data received due to ASP requests. The type is integer (32-bit counter).

The following names are defined for this attribute: REQUEST_KBYTES_IN_TOTAL or REQKBIN_TO (historical name), Request KBytes In Total (caption), Request_KBytes_In_Total (attribute name), and REQKBIN_TO (column name).

Request KBytes Out Total attribute
The total size, in KB, of responses sent to clients and does not include standard HTTP response headers. The type is integer (32-bit counter).

The following names are defined for this attribute: REQUEST_KBYTES_OUT_TOTAL or REQKOUT_TO (historical name), Request KBytes Out Total (caption), Request_KBytes_Out_Total (attribute name), and REQKOUT_TO (column name).

Request Rate (per sec) attribute
The average number of requests that were executed per second. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: REQUESTS_RATE or REQUESTS_S (historical name), Request Rate (per sec) (caption), Requests_Rate (attribute name), and REQUESTS_S (column name).

Request Wait GT Execution Time (ms) attribute
The difference between request wait time and request execution time. The type is integer (32-bit gauge).

The following names are defined for this attribute: REQUEST_WAIT_GT_EXECUTION_TIME or REQW_TIME (historical name), Request Wait GT Execution Time (ms) (caption), Request_Wait_GT_Execution_Time (attribute name), and REQW_TIME (column name).

Request Wait Time (ms) attribute
The number of milliseconds that the most recent request waited for in the queue. The type is integer (32-bit gauge).

The following names are defined for this attribute: REQUEST_WAIT_TIME or REQUEST_WA (historical name), Request Wait Time (ms) (caption), Request_Wait_Time (attribute name), and REQUEST_WA (column name).

Requests Disconnected Count attribute
The number of requests that were disconnected because the communication had failed. The type is integer (32-bit gauge).

The following names are defined for this attribute: REQUESTS_DISCONNECTED or REQUESTS_D (historical name), Requests Disconnected Count (caption), Requests_Disconnected (attribute name), and REQUESTS_D (column name).

Requests Executing Count attribute
The number of requests that are currently executing. The type is integer (32-bit gauge).

The following names are defined for this attribute: REQUESTS_EXECUTING or REQUESTS_E (historical name), Requests Executing Count (caption), Requests_Executing (attribute name), and REQUESTS_E (column name).
Requests Failed Total attribute
The number of requests that failed due to errors, authorization failure, and rejections. The type is integer (32-bit gauge).

The following names are defined for this attribute: REQUESTS_FAILED_TOTAL or REQUESTS_F (historical name), Requests Failed Total (caption), Requests_Failed_Total (attribute name), and REQUESTS_F (column name).

Requests Not Authorized Count attribute
The number of requests that failed because access rights were insufficient. The type is integer (32-bit gauge).

The following names are defined for this attribute: REQUESTS_NOT_AUTHORIZED or REQUESTS_N (historical name), Requests Not Authorized Count (caption), Requests_Not_authorized (attribute name), and REQUESTS_N (column name).

Requests Not Found Count attribute
The number of requests that were made for files that were not found. The type is integer (32-bit gauge).

The following names are defined for this attribute: REQUESTS_NOT_FOUND or REQUESTS_0 (historical name), Requests Not Found Count (caption), Requests_Not_Found (attribute name), and REQUESTS_0 (column name).

Requests Queued Count attribute
The number of requests that are waiting in the queue for service. The type is integer (32-bit gauge).

The following names are defined for this attribute: REQUESTS_QUEUE or REQUESTS_Q (historical name), Requests Queued Count (caption), Requests_Queued (attribute name), and REQUESTS_Q (column name).

Requests Queued Delta attribute
The change in requests queued. The type is integer (difference between successive values).

The following names are defined for this attribute: REQUESTS_QUEUE_DELTA or REQ_QDT (historical name), Requests Queued Delta (caption), Requests_Queued_Delta (attribute name), and REQ_QDT (column name).

Requests Rejected Count attribute
The number of requests that were not executed because there were insufficient resources to process them. The type is integer (32-bit gauge).

The following names are defined for this attribute: REQUESTS_REJECTED or REQUESTS_R (historical name), Requests Rejected Count (caption), Requests_Rejected (attribute name), and REQUESTS_R (column name).

Requests Succeeded Count attribute
The number of requests that executed successfully. The type is integer (32-bit gauge).

The following names are defined for this attribute: REQUESTS_SUCCEEDED or REQUESTS_1 (historical name), Requests Succeeded Count (caption), Requests_Succeeded (attribute name), and REQUESTS_1 (column name).

Requests Timed Out Count attribute
The number of requests that timed out. The type is integer (32-bit gauge).

The following names are defined for this attribute: REQUESTS_TIMED_OUT or REQUESTS_T (historical name), Requests Timed Out Count (caption), Requests_Timed_Out (attribute name), and REQUESTS_T (column name).

Requests Total attribute
The number of requests that have been made since the service was started. The type is integer (32-bit counter).
The following names are defined for this attribute: REQUESTS_TOTAL or REQUESTS_2 (historical name), Requests Total (caption), Requests_Total (attribute name), and REQUESTS_2 (column name).

**Timed Out Sessions attribute**
The number of sessions that have timed out. The type is integer (32-bit gauge).
The following names are defined for this attribute: SESSIONS_TIMED_OUT or SESSIONS_T (historical name), Timed Out Sessions (caption), Sessions_Timed_Out (attribute name), and SESSIONS_T (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**Total Sessions attribute**
The number of sessions that have run since the service was started. The type is integer (32-bit counter).
The following names are defined for this attribute: SESSIONS_TOTAL or SESSIONS_0 (historical name), Total Sessions (caption), Sessions_Total (attribute name), and SESSIONS_0 (column name).

**Total Transactions attribute**
The number of transactions that have occurred since the service was started. The type is integer (32-bit counter).
The following names are defined for this attribute: TRANSACTIONS_TOTAL or TRANSACTIONS_TOTAL (historical name), Total Transactions (caption), Transactions_Total (attribute name), and TRANSACTIONS_TOTAL (column name).

**Transaction Rate (per sec) attribute**
The average number of transactions that have been started per second. The type is real number (32-bit gauge) with two decimal places of precision.
The following names are defined for this attribute: TRANSACTIONS_RATE or TRANSACTIONS_RATE (historical name), Transaction Rate (per sec) (caption), Transactions_Rate (attribute name), and TRANSACTIONS_RATE (column name).

**Transactions Aborted attribute**
The number of transactions that have been canceled. The type is integer (32-bit gauge).
The following names are defined for this attribute: TRANSACTIONS_ABORTED or TRANSACTIONS_ABORTED (historical name), Transactions Aborted (caption), Transactions_Aborted (attribute name), and TRANSACTIONS_ABORTED (column name).

**Transactions Committed attribute**
The number of transactions that have been committed. The type is integer (32-bit gauge).
The following names are defined for this attribute: TRANSACTIONS_COMMITTED or TRANSACTIONS_COMMITTED (historical name), Transactions Committed (caption), Transactions_Committed (attribute name), and TRANSACTIONS_COMMITTED (column name).

**Transactions Pending Count attribute**
The number of transactions that are pending. The type is integer (32-bit gauge).
The following names are defined for this attribute: TRANSACTIONS_PENDING_COUNT or TRANSACTIONS_PENDING_COUNT (historical name), Transactions Pending Count (caption), Transactions_Pending_Count (attribute name), and TRANSACTIONS_PENDING_COUNT (column name).
Application Pool WAS data set
This data set provides information related to the Windows Process Activation Service (WAS) for application pool of IIS V7.5 and later.

This data set contains the following attributes:

Application Pool Name attribute
The name of the application pool. The type is string.
The following names are defined for this attribute: APP_POOL_NAME or APPOOLNAME (historical name), Application Pool Name (caption), App_Pool_Name (attribute name), and APPOOLNAME (column name).

Current Application Pool Uptime (hrs) attribute
The number of hours that the application pool is running since it was started. The type is real number (64-bit counter).
The following names are defined for this attribute:
CURRENT_APPLICATION_POOL_UPTIME_IN_HRS or CURAPLUPHR (historical name), Current Application Pool Uptime (hrs) (caption), Current_Application_Pool_Uptime_In_Hrs (attribute name), and CURAPLUPHR (column name).

Current AppPool State attribute
The current state of an application pool. The type is integer with enumerated values. The following values are defined: UNINITIALIZED (1), INITIALIZED (2), RUNNING (3), DISABLING (4), DISABLED (5), SHUTDOWN PENDING (6), DELETE PENDING (7). Any value that does not have a definition here is displayed in the User Interface.
The following names are defined for this attribute:
CURRENT_APPPOOL_STATE or CURAPLSTAT (historical name), Current AppPool State (caption), Current_AppPool_State (attribute name), and CURAPLSTAT (column name).

Current Worker Processes attribute
The current number of worker processes that are running in the application pool. The type is integer (32-bit gauge).
The following names are defined for this attribute:
CURRENT_WORKER_PROCESSES or CURRENTWPS (historical name), Current Worker Processes (caption), Current_Worker_Processes (attribute name), and CURRENTWPS (column name).

Maximum Worker Processes attribute
The maximum number of worker processes that have been created for the application pool since the service was started. The type is integer (32-bit counter).
The following names are defined for this attribute:
MAXIMUM_WORKER_PROCESSES or MAXIMUMWPS (historical name), Maximum Worker Processes (caption), MaximumWorker_Processes (attribute name), and MAXIMUMWPS (column name).

Name attribute
The name of the application pool. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NAME (historical name), Name (caption), Name (attribute name), and NAME (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Recent Worker Process Failures attribute
The number of times that the worker process for the application pool failed during the rapid-fail protection interval. The type is integer (32-bit gauge).
The following names are defined for this attribute: RECENT_WORKER_PROCESS_FAILURES or RCNTWPFAIL (historical name), Recent Worker Process Failures (caption), Recent_Worker_Process_Failures (attribute name), and RCNTWPFAIL (column name).

**Time Since Last Worker Process Failure (hrs) attribute**
The number of hours since the last worker process failed in the application pool. The type is real number (64-bit counter).

The following names are defined for this attribute: TIME_SINCE_LAST_WORKER_PROCESS_FAILURE_IN_HRS or WPFAILRHRS (historical name), Time Since Last Worker Process Failure (hrs) (caption), Time_Since_Last_Worker_Process_Failure_In_Hrs (attribute name), and WPFAILRHRS (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**Total Application Pool Recycles attribute**
The total number of times that the application pool has been recycled since the service was started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_APPLICATION_POOL_RECYCLES or TOTAPPRCYC (historical name), Total Application Pool Recycles (caption), Total_Application_Pool_Recycles (attribute name), and TOTAPPRCYC (column name).

**Total Application Pool Uptime (hrs) attribute**
The number of hours that the application pool is running since the application pool was started. The type is real number (64-bit counter).

The following names are defined for this attribute: TOTAL_APPLICATION_POOL_UPTIME_IN_HRS or TOTAPPUPHR (historical name), Total Application Pool Uptime (hrs) (caption), Total_Application_Pool_Uptime_In_Hrs (attribute name), and TOTAPPUPHR (column name).

**Total Worker Process Failures attribute**
The total number of times that the worker process failed since the application pool was started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_WORKER_PROCESS_FAILURES or TOTLWPFAIL (historical name), Total Worker Process Failures (caption), Total_Worker_Process_Failures (attribute name), and TOTLWPFAIL (column name).

**Total Worker Process Ping Failures attribute**
The total number of times that the WAS did not receive a response to the ping messages that were sent to the worker process. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_WORKER_PROCESS_PING_FAILURES or TOTPNGFAIL (historical name), Total Worker Process Ping Failures (caption), Total_Worker_Process_Ping_Failures (attribute name), and TOTPNGFAIL (column name).

**Total Worker Process Shutdown Failures attribute**
The total number of times that the WAS failed to shut down the worker process since the application pool was started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_WORKER_PROCESS_SHUTDOWN_FAILURES or TOTSHTFAIL (historical name), Total Worker Process Shutdown Failures (caption), Total_Worker_Process_Shutdown_Failures (attribute name), and TOTSHTFAIL (column name).
**Total Worker Process Startup Failures attribute**
The total number of times that the WAS failed to start the worker process since the application pool was started. The type is integer (32-bit counter).

The following names are defined for this attribute:
TOTAL_WORKER_PROCESS_STARTUP_FAILURES or TOTWPSFAIL (historical name), Total Worker Process Startup Failures (caption), Total_Worker_Process_Startup_Failures (attribute name), and TOTWPSFAIL (column name).

**Total Worker Processes Created attribute**
The total number of worker processes that were created for the application pool since the service was started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_WORKER PROCESSES CREATED or TOTALWPCRT (historical name), Total Worker Processes Created (caption), Total_Worker_Processes_Created (attribute name), and TOTALWPCRT (column name).

**ASP NET data set**
This data set provides information of ASP.NET applications for .NET framework V2.0.

This data set contains the following attributes:

**ASP Site Name attribute**
The name of the ASP.NET site. The type is string.

The following names are defined for this attribute: ASP_SITE_NAME or ASPSITE (historical name), ASP Site Name (caption), ASP_Site_Name (attribute name), and ASPSITE (column name).

**Cache % Machine Memory Limit Used attribute**
The amount of physical memory used by the computer divided by the physical memory limit for the cache, as a percentage. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute:
CACHE_PERCENT_MACHINE_MEMORY_LIMIT_USED or CACHE_MACH (historical name), Cache % Machine Memory Limit Used (caption), Cache_Percent_Machine_Memory_Limit_Used (attribute name), and CACHE_MACH (column name).

**Cache % Process Memory Limit Used attribute**
The value of private bytes for the worker process divided by the private bytes memory limit for the cache, as a percentage. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute:
CACHE_PERCENT_PROCESS_MEMORY_LIMIT_USED or CACHE_PROC (historical name), Cache % Process Memory Limit Used (caption), Cache_Percent_Process_Memory_Limit_Used (attribute name), and CACHE_PROC (column name).

**Infrastructure Error Event Raised Rate (per sec) attribute**
The number of HTTP error events that are raised per second. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute:
INFRASTRUCTURE_ERROR_EVENTS_RAISED_RATE or INFRASTRUC (historical name), Infrastructure Error Event Raised Rate (per sec) (caption), Infrastructure_Error_Events_Raised_Rate (attribute name), and INFRASTRUC (column name).

**Membership Authentication Failures attribute**
The number of failed membership credential validations since the application was started. The type is integer (32-bit counter).
The following names are defined for this attribute:
MEMBERSHIP_AUTHENTICATION_FAILURE or MEMBERSHIP (historical name), Membership Authentication Failures (caption), Membership_Authentication_Failure (attribute name), and MEMBERSHIP (column name).

**Name attribute**
The Name of the ASP.NET application instance. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NAME (historical name), Name (caption), Name (attribute name), and NAME (column name).

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**Version attribute**
The version of .NET Framework for this ASP.NET application. The type is integer with enumerated values. The following values are defined: v2.0 (1), v4.0 (2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: VERSION or VERASP2 (historical name), Version (caption), Version (attribute name), and VERASP2 (column name).

### ASP NET Apps Filter data set
This data set provides information of all ASP.NET applications.

This data set contains the following attributes:

**ASP Site Name attribute**
The name of the ASP.NET site. The type is string.

The following names are defined for this attribute: ASP_SITE_NAME or ASPSITE (historical name), ASP Site Name (caption), ASP_Site_Name (attribute name), and ASPSITE (column name).

**Cache % Machine Memory Limit Used attribute**
The amount of physical memory used by the computer divided by the physical memory limit for the cache, as a percentage. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute:
CACHE_PERCENT_MACHINE_MEMORY_LIMIT_USED or CACHE_MACH (historical name), Cache % Machine Memory Limit Used (caption), Cache_Percent_Machine_Memory_Limit_Used (attribute name), and CACHE_MACH (column name).

**Cache % Process Memory Limit Used attribute**
The value of private bytes for the worker process divided by the private bytes memory limit for the cache, as a percentage. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute:
CACHE_PERCENT_PROCESS_MEMORY_LIMIT_USED or CACHE_PROC (historical name), Cache % Process Memory Limit Used (caption), Cache_Percent_Process_Memory_Limit_Used (attribute name), and CACHE_PROC (column name).
Infrastructure Error Event Raised Rate (per sec) attribute
The number of HTTP error events raised per second. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute:
INFRASTRUCTURE_ERROR_EVENTS_RAISED_RATE or INFRASTRUC (historical name), Infrastructure Error Event Raised Rate (per sec) (caption), Infrastructure_Error_Events_Raised_Rate (attribute name), and INFRASTRUC (column name).

Membership Authentication Failures attribute
The number of failed membership credential validations since the application was started. The type is integer (32-bit counter).

The following names are defined for this attribute:
MEMBERSHIP_AUTHENTICATION_FAILURE or MEMBERSHIP (historical name), Membership Authentication Failures (caption), Membership_Authentication_Failure (attribute name), and MEMBERSHIP (column name).

Name attribute
The Name of the ASP.NET application instance. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NAME (historical name), Name (caption), Name (attribute name), and NAME (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Timestamp attribute
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Version attribute
The version of .NET Framework for this ASP.NET application. The type is integer with enumerated values. The following values are defined: v2.0 (1), v4.0 (2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: VERSION or VERASP2 (historical name), Version (caption), Version (attribute name), and VERASP2 (column name).

ASP NET Apps V4 data set
This data set provides information of ASP.NET applications for .NET framework V4.0.

This data set contains the following attributes:

ASP Site Name attribute
The name of the ASP.NET site. The type is string.

The following names are defined for this attribute: ASP_SITE_NAME or ASPSITE (historical name), ASP Site Name (caption), ASP_Site_Name (attribute name), and ASPSITE (column name).

Cache % Machine Memory Limit Used attribute
The amount of physical memory used by the computer divided by the physical memory limit for the cache, as a percentage. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute:
CACHE_PERCENT_MACHINE_MEMORY_LIMIT_USED or CACHE_MACH (historical name),
Cache % Machine Memory Limit Used (caption), Cache_Percent_Machine_Memory_Limit_Used (attribute name), and CACHE_MACH (column name).

**Cache % Process Memory Limit Used attribute**

The value of private bytes for the worker process divided by the private bytes memory limit for the cache, as a percentage. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute:
CACHE_PERCENT_PROCESS_MEMORY_LIMIT_USED or CACHE_PROC (historical name), Cache % Process Memory Limit Used (caption), Cache_Percent_Process_Memory_Limit_Used (attribute name), and CACHE_PROC (column name).

**Infrastructure Error Event Raised Rate (per sec) attribute**

The number of HTTP error events raised per second. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute:
INFRASTRUCTURE_ERROR_EVENTS_RAISED_RATE or INFRASTRUC (historical name), Infrastructure Error Event Raised Rate (per sec) (caption), Infrastructure_Error_Events_Raised_Rate (attribute name), and INFRASTRUC (column name).

**Membership Authentication Failures attribute**

The number of failed membership credential validations since the application was started. The type is integer (32-bit counter).

The following names are defined for this attribute:
MEMBERSHIP_AUTHENTICATION_FAILURE or MEMBERSHIP (historical name), Membership Authentication Failures (caption), Membership_Authentication_Failure (attribute name), and MEMBERSHIP (column name).

**Name attribute**

The Name of the ASP.NET application instance. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NAME (historical name), Name (caption), Name (attribute name), and NAME (column name).

**Node attribute**

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Timestamp attribute**

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**Version attribute**

The version of .NET Framework for this ASP.NET application. The type is integer with enumerated values. The following values are defined: v2.0 (1), v4.0 (2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: VERSION or VERASP2 (historical name), Version (caption), Version (attribute name), and VERASP2 (column name).

**Availability data set**

The Availability data set contains the availability data for all processes and services that make up this application.
This data set contains the following attributes:

**Application Component attribute**
The descriptive name of a part of the application. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: APPLICATION_COMPONENT or COMPONENT (historical name), Application Component (caption), Application_Component (attribute name), and COMPONENT (column name).

**Command Line attribute**
The program name and any arguments specified on the command line when the process was started. For Service or Functionality test, this attribute has the value N/A. The type is string with enumerated values. The following values are defined: N/A (N/A). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: COMMAND_LINE or CMDLINE (historical name), Command Line (caption), Command_Line (attribute name), and CMDLINE (column name).

**Full Name attribute**
The full name of the process that includes the path. The type is string with enumerated values. The following values are defined: N/A (N/A). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FULL_NAME or FULLNAME (historical name), Full Name (caption), Full_Name (attribute name), and FULLNAME (column name).

**Functionality Test Message attribute**
The text message that corresponds to the Functionality Test Status. This attribute is only valid for functionality tests. The type is string with enumerated values. The following values are defined: N/A (N/A). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FUNCTIONALITY_TEST_MESSAGE or FUNCMSG (historical name), Functionality Test Message (caption), Functionality_Test_Message (attribute name), and FUNCMSG (column name).

**Functionality Test Status attribute**
The return code of the functionality test. When the monitored application is running correctly, 'SUCCESS' is displayed. 'NOT_RUNNING' is displayed when it is not running correctly. 'N/A' is displayed when the row does not represent a functionality test. The type is integer with enumerated values. The following values are defined: SUCCESS (0), N/A (1), GENERAL ERROR (2), WARNING (3), NOT RUNNING (4), DEPENDENT NOT RUNNING (5), ALREADY RUNNING (6), PREREQ NOT RUNNING (7), TIMED OUT (8), DOESNT EXIST (9), UNKNOWN (10), DEPENDENT STILL RUNNING (11), INSUFFICIENT USER AUTHORITY (12). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: FUNCTIONALITY_TEST_STATUS or FUNCSTATUS (historical name), Functionality Test Status (caption), Functionality_Test_Status (attribute name), and FUNCSTATUS (column name).

**Name attribute**
The name of the process, service, or functionality test. This name matches the executable name of the process, the service short name or the name of the process used to test the application. The type is string with enumerated values. The following values are defined: N/A (N/A). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: NAME (historical name), Name (caption), Name (attribute name), and NAME (column name).

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Page Faults per Sec attribute**
The rate of page faults for the process measured in faults per second. This attribute contains only valid data for processes. The type is integer (32-bit gauge).

The following names are defined for this attribute: PAGE_FAULTS_PER_SEC or PAGEFAULTS (historical name), Page Faults per Sec (caption), Page_Faults_per_Sec (attribute name), and PAGEFAULTS (column name).

**Percent Privileged Time attribute**
The percentage of the available CPU time being used by this process for privileged operation. The type is integer (32-bit gauge).

The following names are defined for this attribute: PERCENT_PRIVILEGED_TIME or PERCPRIV (historical name), Percent Privileged Time (caption), Percent_Privileged_Time (attribute name), and PERCPRIV (column name).

**Percent Processor Time attribute**
The percentage of the elapsed time that this process used the processor to execute instructions. The type is integer (32-bit gauge).

The following names are defined for this attribute: PERCENT_PROCESSOR_TIME or PERCPROC (historical name), Percent Processor Time (caption), Percent_Processor_Time (attribute name), and PERCPROC (column name).

**Percent User Mode Time attribute**
The percentage of the available CPU time being used by this process for user mode operation. The type is integer (32-bit gauge).

The following names are defined for this attribute: PERCENT_USER_MODE_TIME or PERCUSER (historical name), Percent User Mode Time (caption), Percent_User_Mode_Time (attribute name), and PERCUSER (column name).

**PID attribute**
The process ID associated with the process. This attribute contains only valid data for processes. The type is integer (32-bit gauge).

The following names are defined for this attribute: PID (historical name), PID (caption), PID (attribute name), and PID (column name).

**Status attribute**
The status of the application component.
- For processes 'UP', 'DOWN', 'WARNING', or 'PROCESS_DATA_NOTAVAILABLE': 'PROCESS_DATA_NOT_AVAILABLE' is displayed for a process when the matching process is running but the resource use information cannot be collected for that process.
- For services 'UP', 'DOWN', or 'UNKNOWN': 'UNKNOWN' is displayed when the service is not installed.
- For functionality tests: 'PASSED' or 'FAILED' is displayed.

The type is integer with enumerated values. The following values are defined: DOWN (0), UP (1), WARNING (2), UNKNOWN (3), PASSED (4), FAILED (5), PROCESS DATA NOT AVAILABLE (6). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STATUS (historical name), Status (caption), Status (attribute name), and STATUS (column name).

**Thread Count attribute**
The number of threads currently allocated by this process. This attribute contains only valid data for processes. The type is integer (32-bit gauge).
The following names are defined for this attribute: THREAD_COUNT or THREADS (historical name), Thread Count (caption), Thread_Count (attribute name), and THREADS (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**Type attribute**
The type of the application component. Components are processes, services, or functionality tests. The type is integer with enumerated values. The following values are defined: PROCESS (0), SERVICE (1), FUNCTIONALITY TEST (2). Any value that does not have a definition here is displayed in the User Interface.
The following names are defined for this attribute: TYPE (historical name), Type (caption), Type (attribute name), and TYPE (column name).

**Virtual Size attribute**
The virtual size (in MB) of the process. The type is integer (32-bit gauge).
The following names are defined for this attribute: VIRTUAL_SIZE or VIRTSIZE (historical name), Virtual Size (caption), Virtual_Size (attribute name), and VIRTSIZE (column name).

**Working Set Size attribute**
The working set size of the process in MB. This attribute contains only valid data for processes. The type is integer (32-bit gauge).
The following names are defined for this attribute: WORKING_SET_SIZE or WORKSET (historical name), Working Set Size (caption), Working_Set_Size (attribute name), and WORKSET (column name).

**Centralized Certificate Details data set**
This data set provides information about the Secure Sockets Layer (SSL) certificates that are stored on a file share. This data set is applicable to IIS 8 and later.

This data set contains the following attributes:

**Centralized Certificate Location attribute**
This attribute displays the UNC (Universal Naming Convention) path to the file share where the SSL certificates are located. The type is string.
The following names are defined for this attribute: CENTRALIZED_CERTIFICATE_LOCATION or CENCERST (historical name), Centralized Certificate Location (caption), Centralized_Certificate_Location (attribute name), and CENCERST (column name).

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**Use Centralized Certificate attribute**
Indicates whether the web server is configured to use a centralized SSL certificate store. The type is integer with enumerated values. The following values are defined: False (0), True (1). Any value that does not have a definition here is displayed in the User Interface.
The following names are defined for this attribute: USE_CENTRALIZED_CERTIFICATE or ENCENCER (historical name), Use Centralized Certificate (caption), Use_Centralized_Certificate (attribute name), and ENCENCER (column name).

**Username attribute**
This attribute displays the name of the user account that has read access to a file share. The type is string.

The following names are defined for this attribute: USERNAME (historical name), Username (caption), Username (attribute name), and USERNAME (column name).

**Event Log data set**
The Event Log data set contains any event log entries that pertain to this application.

This data set contains the following attributes:

**Event API Version attribute**
The version of the Event Log API used to retrieve this event The type is integer (32-bit counter) with enumerated values. The following values are defined: NT Event Log (1), Windows Event Log (2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: EVENT_API_VERSION or EVTAPIVER (historical name), Event API Version (caption), Event_API_Version (attribute name), and EVTAPIVER (column name).

**Event Category attribute**
The category of the event. The type is string with enumerated values. The following values are defined: None (None). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: EVENT_CATEGORY or EVTCATEG (historical name), Event Category (caption), Event_Category (attribute name), and EVTCATEG (column name).

**Event ID attribute**
The ID of the event. The type is integer (32-bit counter).

The following names are defined for this attribute: EVENT_ID or EVTID (historical name), Event ID (caption), Event_ID (attribute name), and EVTID (column name).

**Event Keywords attribute**
A comma-separated list of the keywords specified in the event. This field only available on Windows 2008 or later. The type is string with enumerated values. The following values are defined: Not Available (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: EVENT_KEYWORDS or EVTKEYWDS (historical name), Event Keywords (caption), Event_Keywords (attribute name), and EVTKEYWDS (column name).

**Event Level attribute**
The level value specified in the event. This is attribute an expanded version of the Event_Type field available only on Windows 2008, or later. The type is string with enumerated values. The following values are defined: Not Available (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: EVENT_LEVEL or EVTLEVEL (historical name), Event Level (caption), Event_Level (attribute name), and EVTLEVEL (column name).

**Event Source attribute**
The event source defined by the application. The type is string.
The following names are defined for this attribute: EVENT_SOURCE or EVTSOURCE (historical name), Event Source (caption), Event_Sour (attribute name), and EVTSOURCE (column name).

**Event Type attribute**
The type of event, for example, Error(0), Warning(1), Informational(2), Audit_Success(3), Audit_Failure(4), and Unknown(5). The type is integer with enumerated values. The following values are defined: Error (0), Warning (1), Informational (2), Audit Success (3), Audit Failure (4), Unknown (5). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: EVENT_TYPE or EVTTYPE (historical name), Event Type (caption), Event_Type (attribute name), and EVTTYPE (column name).

**Log Name attribute**
The name of the event log, for example, Application, System, Security or an application-specific log. The type is string.

The following names are defined for this attribute: LOG_NAME or LOGNAME (historical name), Log Name (caption), Log_Name (attribute name), and LOGNAME (column name).

**Message attribute**
The event message. The type is string.

The following names are defined for this attribute: MESSAGE (historical name), Message (caption), Message (attribute name), and MESSAGE (column name).

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Time Generated attribute**
The time the event was generated. The type is timestamp.

The following names are defined for this attribute: TIME_GENERATED or TIMESTAMP (historical name), Time Generated (caption), Time_Generated (attribute name), and TIMESTAMP (column name).

**Failed Request Tracing data set**
This data set provides information about the Failed Request Tracing configuration that is applied to a website. This data set is applicable for IIS 7.x and later.

This data set contains the following attributes:

**Directory Path attribute**
The location of the log file that is created for Failed Request Tracing. The type is string.

The following names are defined for this attribute: DIRECTORY_PATH or DIRPATH (historical name), Directory Path (caption), Directory_Path (attribute name), and DIRPATH (column name).

**Max Log File Size attribute**
The maximum size of the log file that is allowed for Failed Request Tracing. The type is integer (32-bit numeric property).

The following names are defined for this attribute: MAX_LOG_FILE_SIZE or MAXLOGS (historical name), Max Log File Size (caption), Max_Log_File_Size (attribute name), and MAXLOGS (column name).

**Max Number of Log Files attribute**
The maximum number of log files that are saved for Failed Request Tracing. The type is integer (32-bit numeric property).
The following names are defined for this attribute: MAX_NUMBER_OF_LOG_FILES or MAXLOFF (historical name), Max Number of Log Files (caption), Max_Number_of_Log_files (attribute name), and MAXLOFF (column name).

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**Tracing attribute**
The status of Failed Request Tracing for a website. The type is string.

The following names are defined for this attribute: TRACING (historical name), Tracing (caption), Tracing (attribute name), and TRACING (column name).

**Website Name attribute**
The name of the website. The type is string.

The following names are defined for this attribute: WEBSITE_NAME or SITENAME (historical name), Website Name (caption), Website_Name (attribute name), and SITENAME (column name).

**Failed Request Tracing Rules data set**
This data set provides information about Failed Request Tracing Rules that are applied to a website. This data set is applicable for IIS 7.x and later.

This data set contains the following attributes:

**Associated Providers attribute**
The trace providers that are configured for Failed Request Tracing. The type is string.

The following names are defined for this attribute: ASSOCIATED_PROVIDERS or ASSPROV (historical name), Associated Providers (caption), Associated_Providers (attribute name), and ASSPROV (column name).

**Content Type attribute**
The type of files for Failed Request Tracing. The type is string.

The following names are defined for this attribute: CONTENT_TYPE or CONTTYPE (historical name), Content Type (caption), Content_Type (attribute name), and CONTTYPE (column name).

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Status Codes attribute**
The HTTP status codes that are traced. The type is string.

The following names are defined for this attribute: STATUS_CODES or STATCOD (historical name), Status Codes (caption), Status_Codes (attribute name), and STATCOD (column name).

**Time Taken attribute**
The maximum time that is taken by a request to be processed before it is traced. The format is days.HH:MM:SS. The type is string.
The following names are defined for this attribute: TIME_TAKEN or TIMETAK (historical name),
Time Taken (caption), Time_Taken (attribute name), and TIMETAK (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp
(caption), Timestamp (attribute name), and TIMESTAMP (column name).

**Website Name attribute**
The name of the website. The type is string.
The following names are defined for this attribute: WEBSITE_NAME or SITENAME (historical
name), Website Name (caption), Website_Name (attribute name), and SITENAME (column name).

**FTP Logon Attempt Restrictions Settings data set**
This data set provides the configuration information about the restrictions for logon attempts to an FTP
server. This data set is applicable for FTP 7.5 and later.

This data set contains the following attributes:

**Action attribute**
The action that is taken if the number of failed logon attempts exceeds the maximum limit over a
duration (in days, hours, minutes, and seconds). The type is string.
The following names are defined for this attribute: ACTION (historical name), Action (caption),
Action (attribute name), and ACTION (column name).

**FTP Logon Attempt Restrictions attribute**
Indicates that the FTP service is configured to either allow or deny access to the FTP server if the
user exceeds the number of failed logon attempts within the duration that is specified in the IIS
Manager. The type is string.
The following names are defined for this attribute: FTP_LOGON_ATTEMPT_RESTRICTIONS or
NAME (historical name), FTP Logon Attempt Restrictions (caption),
FTP_Logon_Attempt_Restrictions (attribute name), and NAME (column name).

**Max Number of Failed Login Attempts attribute**
The maximum number of failed logon attempts that are allowed. The type is integer (32-bit
numeric property).
The following names are defined for this attribute:
MAX_NUMBER_OF_FAILED_LOGIN_ATTEMPTS or MAXNFLA (historical name), Max Number
of Failed Login Attempts (caption), Max_Number_of_Failed_Login_Attempts (attribute name),
and MAXNFLA (column name).

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption),
ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Time Duration (in Days.hh:mm:ss) attribute**
The duration (in days, hours, minutes, and seconds) within which the number of failed logon
attempts can reach the maximum limit, after which the FTP service either allows or denies access
to the FTP server according to the configuration settings that are specified in the IIS Manager. The
type is string.
The following names are defined for this attribute: TIME_DURATION_IN_DAYS_HH_MM_SS or
TIMEDURH (historical name), Time Duration (in Days.hh:mm:ss) (caption),
Time_Duration_in_Days_hh_mm_ss (attribute name), and TIMEDURH (column name).
**Time Duration (in sec) attribute**

The duration (in seconds) within which the number of failed logon attempts can reach the maximum limit, after which the FTP service either allows or denies access to the FTP server according to the configuration settings that are specified in the IIS Manager. The type is string.

The following names are defined for this attribute: TIME_DURATION_IN_SEC or TIMEDURS (historical name), Time Duration (in sec) (caption), Time_Duration_in_sec (attribute name), and TIMEDURS (column name).

**Timestamp attribute**

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**FTP Server Site Status data set**

This data set displays information related to each FTP site status running on Microsoft IIS FTP server.

This data set contains the following attributes:

**FTP Site attribute**

The name used to identify FTP site. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: FTP_SITE or SITE_NAME (historical name), FTP Site (caption), FTP_Site (attribute name), and SITE_NAME (column name).

**FTPSiteName attribute**

The name of the FTP site. The type is string.

The following names are defined for this attribute: FTPSITENAME or SITENAME (historical name), FTPSiteName (caption), FTPSiteName (attribute name), and SITENAME (column name).

**Node attribute**

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**State attribute**

The current state of FTP site. The type is integer with enumerated values. The following values are defined: Starting (1), Started (2), Stopping (3), Stopped (4), Pausing (5), Paused (6), Continuing (7). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STATE (historical name), State (caption), State (attribute name), and STATE (column name).

**Timestamp attribute**

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**FTP Service data set**

This data set monitors the FTP Service

This data set contains the following attributes:

**% Current Anonymous Users attribute**

The percentage of users who have an anonymous connection that was made by using the FTP service. The type is real number (32-bit gauge) with two decimal places of precision.
The following names are defined for this attribute: PERCENT_CURRENT_ANONYMOUS_USERS or CURRAN_PR (historical name), % Current Anonymous Users (caption), Percent_Current_Anonymous_Users (attribute name), and CURRAN_PR (column name).

% Current NonAnonymous Users attribute
The percentage number of users who currently have a nonanonymous connection that was made by using the FTP service. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute:
PERCENT_CURRENT_NONANONYMOUS_USERS or CURRNAU_PR (historical name), % Current NonAnonymous Users (caption), Percent_Current_NonAnonymous_Users (attribute name), and CURRNAU_PR (column name).

% Total Anonymous Users attribute
The percentage of users who established an anonymous connection with the FTP service since the service started. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: PERCENT_TOTAL_ANONYMOUS_USERS or TOT_ANONPR (historical name), % Total Anonymous Users (caption), Percent_Total_Anonymous_Users (attribute name), and TOT_ANONPR (column name).

% Total NonAnonymous Users attribute
The percentage of users who established nonanonymous connections with the FTP service since the service started. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: PERCENT_TOTAL_NONANONYMOUS_USERS or TOT_NONAPR (historical name), % Total NonAnonymous Users (caption), Percent_Total_NonAnonymous_Users (attribute name), and TOT_NONAPR (column name).

Current Anonymous Users attribute
The number of users who currently have an anonymous connection that was made by using the FTP service. The type is integer (32-bit gauge).

The following names are defined for this attribute: CURRENT_ANONYMOUS_USERS or CURRENT_AN (historical name), Current Anonymous Users (caption), Current_Anonymous_Users (attribute name), and CURRENT_AN (column name).

Current Connections attribute
The current number of connections that have been established with the FTP service. The type is integer (32-bit gauge).

The following names are defined for this attribute: CURRENT_CONNECTIONS or CURRENT_CO (historical name), Current Connections (caption), Current_Connections (attribute name), and CURRENT_CO (column name).

Current NonAnonymous Users attribute
The number of users who currently have a nonanonymous connection that was made by using the FTP service. The type is integer (32-bit gauge).

The following names are defined for this attribute: CURRENT_NONANONYMOUS_USERS or CURRENT_NO (historical name), Current NonAnonymous Users (caption), Current_NonAnonymous_Users (attribute name), and CURRENT_NO (column name).

File Sent Rate (per sec) attribute
The total number of files that are sent by the FTP service per second. The type is real number (rate of change between successive values) with two decimal places of precision.

The following names are defined for this attribute: FILES_SENT_RATE or FILES_RATE (historical name), File Sent Rate (per sec) (caption), Files_Sent_Rate (attribute name), and FILES_RATE (column name).
Files Received Rate (per sec) attribute
The total number of files that are received by the FTP service per second. The type is real number (rate of change between successive values) with two decimal places of precision.

The following names are defined for this attribute: FILES_RECEIVED_RATE or FILER_RATE (historical name), Files Received Rate (per sec) (caption), Files_Received_Rate (attribute name), and FILER_RATE (column name).

Files Transferred Rate (per sec) attribute
The rate of total files transferred by the FTP service per second. The type is real number (rate of change between successive values) with two decimal places of precision.

The following names are defined for this attribute: FILES_TRANSFERRED_RATE or FILET_RATE (historical name), Files Transferred Rate (per sec) (caption), Files_Transferred_Rate (attribute name), and FILET_RATE (column name).

FTP Service Uptime (hrs) attribute
The amount of time, in hours, that the FTP service has been running. The type is real number (32-bit counter) with two decimal places of precision.

The following names are defined for this attribute: FTP_SERVICE_UPTIME_IN_HRS or FTP_SERVHR (historical name), FTP Service Uptime (hrs) (caption), FTP_Service_Uptime_In_Hrs (attribute name), and FTP_SERVHR (column name).

KB Received Rate (per sec) attribute
The rate at which KB are received by the FTP service. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: KBYTES_RECEIVED_RATE or KB_RECE (historical name), KB Received Rate (per sec) (caption), KBytes_Received_Rate (attribute name), and KB_RECE (column name).

KB Sent Rate (per sec) attribute
The rate at which KB are sent by the FTP service. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: KBYTES_SENT_RATE or KB_SENT (historical name), KB Sent Rate (per sec) (caption), KBytes_Sent_Rate (attribute name), and KB_SENT (column name).

KB Total Rate (per sec) attribute
The total rate of KB transferred by the FTP service. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: KBYTES_TOTAL_RATE or KBS_TOTA (historical name), KB Total Rate (per sec) (caption), KBytes_Total_Rate (attribute name), and KBS_TOTA (column name).

Logon Attempt Rate (per sec) attribute
The rate of number of logons that have been attempted by using the FTP service per second. The type is real number (rate of change between successive values) with two decimal places of precision.

The following names are defined for this attribute: LOGON_ATTEMPTS_RATE or LOGON_ATT (historical name), Logon Attempt Rate (per sec) (caption), Logon_Attempts_Rate (attribute name), and LOGON_ATT (column name).

Maximum Anonymous Users attribute
The maximum number of users who have established concurrent anonymous connections using the FTP service since the service started. The type is integer (32-bit counter).
The following names are defined for this attribute: MAXIMUM_ANONYMOUS_USERS or MAXIMUM_AN (historical name), Maximum Anonymous Users (caption), Maximum_Anonymous_Users (attribute name), and MAXIMUM_AN (column name).

**Maximum Connections attribute**

The maximum number of simultaneous connections that have been established with the FTP service. The type is integer (32-bit gauge).

The following names are defined for this attribute: MAXIMUM_CONNECTIONS or MAXIMUM_CO (historical name), Maximum Connections (caption), Maximum_Connections (attribute name), and MAXIMUM_CO (column name).

**Maximum NonAnonymous Users attribute**

The maximum number of users who have established concurrent nonanonymous connections using the FTP service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: MAXIMUM_NONANONYMOUS_USERS or MAXIMUM_NO (historical name), Maximum NonAnonymous Users (caption), Maximum_NonAnonymous_Users (attribute name), and MAXIMUM_NO (column name).

**Name attribute**

The name of the instance. This attribute is a key attribute. The type is String.

The following names are defined for this attribute: NAME (historical name), Name (caption), Name (attribute name), and NAME (column name).

**Node attribute**

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Timestamp attribute**

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**Total Anonymous Users attribute**

The number of users who have established an anonymous connection with the FTP service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_ANONYMOUS_USERS or TOTAL_ANON (historical name), Total Anonymous Users (caption), Total_Anonymous_Users (attribute name), and TOTAL_ANON (column name).

**Total Connection Attempts (all instances) attribute**

The number of connections that have been attempted by using the FTP service for all instances since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_CONNECTION_ATTEMPTS_ALL_INSTANCES or TOTAL_CONN (historical name), Total Connection Attempts (all instances) (caption), Total_Connection_Attempts_all_instances (attribute name), and TOTAL_CONN (column name).

**Total Files Received attribute**

The total number of files that are received by the FTP service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_FILES_RECEIVED or TOTAL_FILE (historical name), Total Files Received (caption), Total_Files_Received (attribute name), and TOTAL_FILE (column name).
Total Files Sent attribute
The total number of files that are sent by the FTP service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_FILES_SENT or TOTAL_FIL0 (historical name), Total Files Sent (caption), Total_Files_Sent (attribute name), and TOTAL_FIL0 (column name).

Total Files Transferred attribute
The sum of total files sent and received by the FTP service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_FILESTRANSFERRED or TOTAL_FIL1 (historical name), Total Files Transferred (caption), Total_Files_Transferred (attribute name), and TOTAL_FIL1 (column name).

Total Logon Attempts attribute
The number of logons that have been attempted by using the FTP service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_LOGON_ATTEMPTS or TOTAL_LOGO (historical name), Total Logon Attempts (caption), Total_Logon_Attempts (attribute name), and TOTAL_LOGO (column name).

Total NonAnonymous Users attribute
The number of users who established nonanonymous connections with the FTP service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_NONANONYMOUS_USERS or TOTAL_NONA (historical name), Total NonAnonymous Users (caption), Total_NonAnonymous_Users (attribute name), and TOTAL_NONA (column name).

FTP Site Dynamic IP and Domain Restrictions data set
This data set provides information about the IP and domain restrictions that are applied on an FTP site. This data set is applicable for FTP 7.5.

This data set contains the following attributes:

Allowed Domain attribute
The domain names that are allowed to access the FTP site. The type is string.

The following names are defined for this attribute: ALLOWED_DOMAIN or ALLOWDOM (historical name), Allowed Domain (caption), Allowed_Domain (attribute name), and ALLOWDOM (column name).

Allowed IP Range attribute
The ranges of IP addresses that are allowed to access the FTP site. The format of the value is IP address(Subnet Mask). The type is string.

The following names are defined for this attribute: ALLOWED_IP_RANGE or ALLOWIPR (historical name), Allowed IP Range (caption), Allowed_IP_Range (attribute name), and ALLOWIPR (column name).

Allowed Specific IP attribute
The IP addresses that are allowed to access the FTP site. The type is string.

The following names are defined for this attribute: ALLOWED_SPECIFIC_IP or ALLOWIP (historical name), Allowed Specific IP (caption), Allowed_Specific_IP (attribute name), and ALLOWIP (column name).

Denied Domain attribute
The domain names that are not allowed to access the FTP site. The type is string.
The following names are defined for this attribute: DENIED DOMAIN or DENYDOM (historical name), Denied Domain (caption), Denied_Domain (attribute name), and DENYDOM (column name).

**Denied IP Range attribute**
The ranges of IP addresses that are not allowed to access the FTP site. The format of the value is IP address (Subnet Mask). The type is string.

The following names are defined for this attribute: DENIED_IP_RANGE or DENYIPR (historical name), Denied IP Range (caption), Denied_IP_Range (attribute name), and DENYIPR (column name).

**Denied Specific IP attribute**
The specific IP addresses that is not allowed to access the FTP site. The type is string.

The following names are defined for this attribute: DENIED_SPECIFIC_IP or DENYIP (historical name), Denied Specific IP (caption), Denied_Specific_IP (attribute name), and DENYIP (column name).

**FTP Site Name attribute**
The name of the FTP site. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: FTP_SITE_NAME or NAME (historical name), FTP_Site_Name (caption), FTP_Site_Name (attribute name), and NAME (column name).

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**FTP Site IP and Domain Restrictions Settings data set**
This data set provides information about the configuration of the IP and domain restrictions that are applied to an FTP site. This data set is applicable for FTP 7.5.

This data set contains the following attributes:

**Access for Unspecified Clients attribute**
Indicates whether access is to be allowed or denied to the clients that are not specified by any rule. The type is integer with enumerated values. The following values are defined: Allow (1), Deny (2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ACCESS_FOR_UNSPECIFIED_CLIENTS or ACCUNCL (historical name), Access for Unspecified Clients (caption), Access_for_Unspecified_Clients (attribute name), and ACCUNCL (column name).

**Domain Name Restrictions attribute**
Indicates whether access for an FTP request is to be allowed or denied based on the domain name. The type is string.

The following names are defined for this attribute: DOMAIN_NAME_RESTRICTIONS or ENDNRE (historical name), Domain Name Restrictions (caption), Domain_Name_Restrictions (attribute name), and ENDNRE (column name).

**FTP Site Name attribute**
The name of the FTP site. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: FTP_SITE_NAME or NAME (historical name), FTP Site Name (caption), FTP_Site_Name (attribute name), and NAME (column name).

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**FTP Version Information data set**
This data set displays information about the Microsoft IIS FTP Server version.

This data set contains the following attributes:

**Major FTP Version Number attribute**
The major version number of the IIS FTP Server. The type is integer (32-bit numeric property).
The following names are defined for this attribute: MAJOR_FTP_VERSION_NUMBER or MAJORFTPVE (historical name), Major FTP Version Number (caption), Major_FTP_Version_Number (attribute name), and MAJORFTPVE (column name).

**Minor FTP Version Number attribute**
The minor version number of the IIS FTP Server. The type is integer (32-bit numeric property).
The following names are defined for this attribute: MINOR_FTP_VERSION_NUMBER or MINORFTPVE (historical name), Minor FTP Version Number (caption), Minor_FTP_Version_Number (attribute name), and MINORFTPVE (column name).

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Server Name attribute**
The name that is used to identify the IIS FTP server. The type is string.
The following names are defined for this attribute: SERVER_NAME or SERVER_NAM (historical name), Server Name (caption), Server_Name (attribute name), and SERVER_NAM (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**HTTP Custom Error Messages data set**
This data set displays configuration information related to HTTP custom error messages.

This data set contains the following attributes:

**Error Code attribute**
The error code. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: ERROR_CODE (historical name), Error Code (caption), Error_Code (attribute name), and ERROR_CODE (column name).
Error Sub Code attribute
The HTTP sub status code for the custom error message. The type is string.

The following names are defined for this attribute: ERROR_SUB_CODE or ERRSUBCODE (historical name), Error Sub Code (caption), Error_Sub_Code (attribute name), and ERRSUBCODE (column name).

HTTP Status attribute
The HTTP status code for the custom error message. The type is string.

The following names are defined for this attribute: HTTP_STATUS or ERRORCODE (historical name), HTTP Status (caption), HTTP_Status (attribute name), and ERRORCODE (column name).

Message Location attribute
The location of custom error message file. The type is string.

The following names are defined for this attribute: MESSAGE_LOCATION or MESSAGE_LO (historical name), Message Location (caption), Message_Location (attribute name), and MESSAGE_LO (column name).

Message Source attribute
The custom error message source. The type is string.

The following names are defined for this attribute: MESSAGE_SOURCE or MESSAGE_SO (historical name), Message Source (caption), Message_Source (attribute name), and MESSAGE_SO (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Timestamp attribute
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Http Error Log data set
This data set displays information about HTTP errors logged by HTTP sys kernel in the Httperr log file.

This data set contains the following attributes:

Client IP Address attribute
The IP address of the client that made the request. The type is string.

The following names are defined for this attribute: CLIENT_IP_ADDRESS or CLIENTIP (historical name), Client IP Address (caption), Client_IP_Address (attribute name), and CLIENTIP (column name).

Client Port attribute
The port number of the client that made the request. The type is string.

The following names are defined for this attribute: CLIENT_PORT or CPORT (historical name), Client Port (caption), Client_Port (attribute name), and CPORT (column name).

Date attribute
The date on which the error occurred. The type is string.

The following names are defined for this attribute: DATE (historical name), Date (caption), Date (attribute name), and DATE (column name).
Error Code attribute
The error code. The type is string.
The following names are defined for this attribute: ERROR_CODE (historical name), Error Code (caption), Error_Code (attribute name), and ERROR_CODE (column name).

Error Description attribute
The error description. The type is string.
The following names are defined for this attribute: ERROR_DESCRIPTION or DESCRIPTIO (historical name), Error Description (caption), Error_Description (attribute name), and DESCRIPTIO (column name).

HTTP Status attribute
The HTTP status code. The type is string.
The following names are defined for this attribute: HTTP_STATUS or ERRCODE (historical name), HTTP Status (caption), HTTP_Status (attribute name), and ERRCODE (column name).

Method attribute
The requested action, for example, a GET method. The type is string.
The following names are defined for this attribute: METHOD (historical name), Method (caption), Method (attribute name), and METHOD (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Protocol Sub Status attribute
The sub status error code. The type is string.
The following names are defined for this attribute: PROTOCOL_SUB_STATUS or ERRSUBCODE (historical name), Protocol Sub Status (caption), Protocol_Sub_Status (attribute name), and ERRSUBCODE (column name).

Protocol Version attribute
The protocol version that the client used. The type is string.
The following names are defined for this attribute: PROTOCOL_VERSION or PROTOCOL (historical name), Protocol Version (caption), Protocol_Version (attribute name), and PROTOCOL (column name).

Server IP Address attribute
The IP address of the server on which the log file entry was generated. The type is string.
The following names are defined for this attribute: SERVER_IP_ADDRESS or SERVERIP (historical name), Server IP Address (caption), Server_IP_Address (attribute name), and SERVERIP (column name).

Server Port attribute
The server port number that is configured for the service. The type is string.
The following names are defined for this attribute: SERVER_PORT or SPORT (historical name), Server Port (caption), Server_Port (attribute name), and SPORT (column name).

Time attribute
The time, in Coordinated Universal Time (UTC), at which the activity occurred. The type is string.
The following names are defined for this attribute: TIME (historical name), Time (caption), Time (attribute name), and TIME (column name).
**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**URL attribute**
The target of the action. The type is string.
The following names are defined for this attribute: URL or UR0 (historical name), URL (caption), URL (attribute name), and UR0 (column name).

**HTTP Error Response data set**
This data set monitors the HTTP error response that is sent by the worker processes.

This data set contains the following attributes:

**HTTP 401 Response Sent percent attribute**
The current percentage of 401 HTTP responses that are sent by the worker processes. The type is real number (32-bit gauge) with two decimal places of precision.
The following names are defined for this attribute: HTTP_401_RESPONSE_SENT_PERCENT or HTTPRES401 (historical name), HTTP 401 Response Sent percent (caption), HTTP_401_Response_Sent_percent (attribute name), and HTTPRES401 (column name).

**HTTP 403 Response Sent percent attribute**
The current percentage of 403 HTTP responses that are sent by the worker processes. The type is real number (32-bit gauge) with two decimal places of precision.
The following names are defined for this attribute: HTTP_403_RESPONSE_SENT_PERCENT or HTTPRES403 (historical name), HTTP 403 Response Sent percent (caption), HTTP_403_Response_Sent_percent (attribute name), and HTTPRES403 (column name).

**HTTP 404 Response Sent percent attribute**
The current percentage of 404 HTTP responses that are sent by the worker processes. The type is real number (32-bit gauge) with two decimal places of precision.
The following names are defined for this attribute: HTTP_404_RESPONSE_SENT_PERCENT or HTTPRES404 (historical name), HTTP 404 Response Sent percent (caption), HTTP_404_Response_Sent_percent (attribute name), and HTTPRES404 (column name).

**HTTP 500 Response Sent percent attribute**
The current percentage of 500 HTTP responses that are sent by the worker processes. The type is real number (32-bit gauge) with two decimal places of precision.
The following names are defined for this attribute: HTTP_500_RESPONSE_SENT_PERCENT or HTTPRES500 (historical name), HTTP 500 Response Sent percent (caption), HTTP_500_Response_Sent_percent (attribute name), and HTTPRES500 (column name).

**Name attribute**
The name of the instance. This attribute is a key attribute. The type is String.
The following names are defined for this attribute: NAME (historical name), Name (caption), Name (attribute name), and NAME (column name).

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**HTTP Service Request Queues data set**

This data set monitors the requests that are queued by the HTTP Service. This data set is applicable for IIS 7.x and later.

This data set contains the following attributes:

**Arrival Rate attribute**
- The current rate at which requests arrive in the queue. The type is real number (32-bit gauge) with two decimal places of precision.
- The following names are defined for this attribute: ARRIVAL_RATE or ARRIV_RATE (historical name), Arrival Rate (caption), Arrival_Rate (attribute name), and ARRIV_RATE (column name).

**Cache Hit Rate attribute**
- The current rate of cache hits in the queue. The type is real number (32-bit gauge) with two decimal places of precision.
- The following names are defined for this attribute: CACHE_HIT_RATE or CACHITRATO (historical name), Cache Hit Rate (caption), Cache_Hit_Rate (attribute name), and CACHITRATO (column name).

**Current Queue Size attribute**
- The current number of requests in the queue. The type is integer (32-bit gauge).
- The following names are defined for this attribute: CURRENT_QUEUE_SIZE or CURRQUSIZE (historical name), Current Queue Size (caption), Current_Queue_Size (attribute name), and CURRQUSIZE (column name).

**Name attribute**
- The name of the instance. This attribute is a key attribute. The type is String.
- The following names are defined for this attribute: NAME (historical name), Name (caption), Name (attribute name), and NAME (column name).

**Node attribute**
- The managed system name of the agent. This attribute is a key attribute. The type is string.
- The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Rejected Requests attribute**
- The total number of requests that were rejected from the queue since the HTTP service was started. The type is integer (32-bit counter).
- The following names are defined for this attribute: REJECTED_REQUESTS or REJECT_REQ (historical name), Rejected Requests (caption), Rejected_Requests (attribute name), and REJECT_REQ (column name).

**Rejection Rate attribute**
- The current rate at which the requests are rejected from the queue. The type is real number (32-bit gauge) with two decimal places of precision.
- The following names are defined for this attribute: REJECTION_RATE or REJECT_RAT (historical name), Rejection Rate (caption), Rejection_Rate (attribute name), and REJECT_RAT (column name).

**Timestamp attribute**
- The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**IIS Application Pools Details data set**

This data set shows the status and configuration settings of an application pool.

This data set contains the following attributes:

**Application Pool Name attribute**

- The name of the application pool. This attribute is a key attribute. The type is string.
- The following names are defined for this attribute: APPLICATION_POOL_NAME or NAME (historical name), Application Pool Name (caption), Application_Pool_Name (attribute name), and NAME (column name).

**AppPool AutoStart attribute**

- Indicates to the World Wide Web Publishing Service (WWW service) to automatically start an application pool when the application pool is created or when IIS is started. The type is string.
- The following names are defined for this attribute: APPPOOL_AUTO_START or APPOLAUTST (historical name), AppPool AutoStart (caption), AppPool_Auto_Start (attribute name), and APPOLAUTST (column name).

**AppPool Queue Length attribute**

- Indicates to the Universal Listener the number of requests to queue up for an application pool before rejecting future requests. The type is integer (32-bit numeric property).
- The following names are defined for this attribute: APPPOOL_QUEUE_LENGTH or APPOLQUELN (historical name), AppPool Queue Length (caption), AppPool_Queue_Length (attribute name), and APPOLQUELN (column name).

**AppPool State attribute**

- Determines the state of an application pool. The type is integer with enumerated values. The following values are defined: STARTING (1), STARTED (2), STOPPING (3), STOPPED (4). Any value that does not have a definition here is displayed in the User Interface.
- The following names are defined for this attribute: APPPOOL_STATE or APPPOOLSTA (historical name), AppPool State (caption), AppPool_State (attribute name), and APPPOOLSTA (column name).

**Enable32BitApp On Win64 attribute**

- Indicates whether IIS creates 32-bit worker processes or 64-bit worker processes on 64-bit Windows systems. The type is integer with enumerated values. The following values are defined: False (0), True (1), N/A (2). Any value that does not have a definition here is displayed in the User Interface.
- The following names are defined for this attribute: ENABLE32BITAPPONWIN64 or E32APPON64 (historical name), Enable32BitApp On Win64 (caption), Enable32BitAppOnWin64 (attribute name), and E32APPON64 (column name).

**Managed Pipeline Mode attribute**

- Indicates the mode used by the IIS server to process the requests for the managed code. The type is integer with enumerated values. The following values are defined: Integrated (0), Classic (1), N/A (2). Any value that does not have a definition here is displayed in the User Interface.
- The following names are defined for this attribute: MANAGED_PIPELINE_MODE or MANPIPMODE (historical name), Managed Pipeline Mode (caption), Managed_Pipeline_Mode (attribute name), and MANPIPMODE (column name).

**Managed Runtime Version attribute**

- Indicates the version of the .NET Framework used for the managed applications in the application pool. The type is string.
The following names are defined for this attribute: MANAGED_RUN_TIME_VERSION or MANRUNTMVE (historical name), Managed Runtime Version (caption), Managed_Run_time_Version (attribute name), and MANRUNTMVE (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Timestamp attribute
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

IIS Application Pools Setting data set
This data set shows the individual application pool settings.

This data set contains the following attributes:

Application Pool Name attribute
The name of the application pool. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: APPLICATION_POOL_NAME or NAME (historical name), Application Pool Name (caption), Application_Pool_Name (attribute name), and NAME (column name).

AppPool AutoStart attribute
Indicates the World Wide Web Publishing Service (WWW service) to automatically start an application pool when the application pool is created or when IIS is started. The type is integer with enumerated values. The following values are defined: TRUE (1), FALSE (0). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPPOOL_AUTO_START or APPPOOLAUT (historical name), AppPool AutoStart (caption), AppPool_Auto_Start (attribute name), and APPPOOLAUT (column name).

AppPool Command attribute
Allows an application to send commands to the application pool to start or stop the application pool. The type is integer with enumerated values. The following values are defined: START (1), STOP (2), NONE (0). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPPOOL_COMMAND or APPPOOLCOM (historical name), AppPool Command (caption), AppPool_Command (attribute name), and APPPOOLCOM (column name).

AppPool CPU Action attribute
Configures the actions that IIS takes when Microsoft Windows NT job objects run. Only one Windows NT job object exists per application pool. Therefore the CPUAction property is configured on a per application pool basis. The type is integer with enumerated values. The following values are defined: NO ACTION (0), KILL W3WP (1), Throttle (2), Throttle Under Load (3). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPPOOL_CPU_ACTION or CPUACTIO1 (historical name), AppPool CPU Action (caption), AppPool_CPU_Action (attribute name), and CPUACTIO1 (column name).

AppPool Identity Type attribute
Allows application pools to run as a specific user account. The type is integer with enumerated values. The following values are defined: LOCALSYSTEM (0), LOCALSERVICE (1),
NETWORKSERVICE (2), SPECIFICUSER (3), APPLICATIONPOOLIDENTITY (4). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPPOOL_IDENTITY_TYPE or APPPOOLIDE (historical name), AppPool Identity Type (caption), AppPool_Identity_Type (attribute name), and APPPOOLIDE (column name).

**AppPool Queue Length attribute**

Indicates to the Universal Listener the number of requests to queue up for an application pool before rejecting future requests. The type is integer (32-bit numeric property).

The following names are defined for this attribute: APPPOOL_QUEUE_LENGTH or APPPOOLQUE (historical name), AppPool Queue Length (caption), AppPool_Queue_Length (attribute name), and APPPOOLQUE (column name).

**AppPool Recycle Config Change attribute**

Specifies that IIS should log an event when an application pool is recycled. In order for IIS to log the event, the "LogEventOnRecycle" attribute must have a bit set corresponding to the reason for the recycle. The type is integer with enumerated values. The following values are defined: TRUE (1), FALSE (0). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPPOOL_RECYCLE_CONFIG_CHANGE or APPPOOLREC (historical name), AppPool Recycle Config Change (caption), AppPool_Recycle_Config_Change (attribute name), and APPPOOLREC (column name).

**AppPool Recycle Isapi Unhealthy attribute**

Specifies that IIS should log an event when an application pool is recycled. In order for IIS to log the event, the "LogEventOnRecycle" attribute must have a bit set corresponding to the reason for the recycle. The type is integer with enumerated values. The following values are defined: TRUE (1), FALSE (0). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPPOOL_RECYCLE_ISAPI_UNHEALTHY or APPPOOLRE0 (historical name), AppPool Recycle Isapi Unhealthy (caption), AppPool_Recycle_Isapi_Unhealthy (attribute name), and APPPOOLRE0 (column name).

**AppPool Recycle Memory attribute**

Specifies that IIS should log an event when an application pool is recycled. In order for IIS to log the event, the "LogEventOnRecycle" attribute must have a bit set corresponding to the reason for the recycle. The type is integer with enumerated values. The following values are defined: TRUE (1), FALSE (0). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPPOOL_RECYCLE_MEMORY or APPPOOLRE1 (historical name), AppPool Recycle Memory (caption), AppPool_Recycle_Memory (attribute name), and APPPOOLRE1 (column name).

**AppPool Recycle OnDemand attribute**

Specifies that IIS should log an event when an application pool is recycled. In order for IIS to log the event, the "LogEventOnRecycle" attribute must have a bit set corresponding to the reason for the recycle. The type is integer with enumerated values. The following values are defined: TRUE (1), FALSE (0). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPPOOL_RECYCLE_ONDEMAND or APPPOOLRE2 (historical name), AppPool Recycle OnDemand (caption), AppPool_Recycle_OnDemand (attribute name), and APPPOOLRE2 (column name).

**AppPool Recycle Private Memory attribute**

Specifies that IIS should log an event when an application pool is recycled. In order for IIS to log the event, the "LogEventOnRecycle" attribute must have a bit set corresponding to the reason for the recycle. The type is integer with enumerated values. The following values are defined: TRUE (1), FALSE (0). Any value that does not have a definition here is displayed in the User Interface.
The following names are defined for this attribute: APPPOOL_RECYCLE_PRIVATE_MEMORY or APPPOOLRE3 (historical name), AppPool Recycle Private Memory (caption), AppPool_Recycle_Private_Memory (attribute name), and APPPOOLRE3 (column name).

**AppPool Recycle Requests attribute**

Specifies that IIS should log an event when an application pool is recycled. In order for IIS to log the event, the “LogEventOnRecycle” attribute must have a bit set corresponding to the reason for the recycle. The type is integer with enumerated values. The following values are defined: TRUE (1), FALSE (0). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPPOOL_RECYCLE_REQUESTS or APPPOOLRE4 (historical name), AppPool Recycle Requests (caption), AppPool_Recycle_Requests (attribute name), and APPPOOLRE4 (column name).

**AppPool Recycle Schedule attribute**

Specifies that IIS should log an event when an application pool is recycled. In order for IIS to log the event, the “LogEventOnRecycle” attribute must have a bit set corresponding to the reason for the recycle. The type is integer with enumerated values. The following values are defined: TRUE (1), FALSE (0). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPPOOL_RECYCLE_SCHEDULE or APPPOOLRE5 (historical name), AppPool Recycle Schedule (caption), AppPool_Recycle_Schedule (attribute name), and APPPOOLRE5 (column name).

**AppPool Recycle Time attribute**

Specifies that IIS should log an event when an application pool is recycled. In order for IIS to log the event, the “LogEventOnRecycle” attribute must have a bit set corresponding to the reason for the recycle. The type is integer with enumerated values. The following values are defined: TRUE (1), FALSE (0). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPPOOL_RECYCLE_TIME or APPPOOLRE6 (historical name), AppPool Recycle Time (caption), AppPool_Recycle_Time (attribute name), and APPPOOLRE6 (column name).

**AppPool State attribute**

This value is used by applications to determine the state of an application pool. The type is integer with enumerated values. The following values are defined: STARTING (1), STARTED (2), STOPPING (3), STOPPED (4). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: APPPOOL_STATE or APPPOOLSTA (historical name), AppPool State (caption), AppPool_State (attribute name), and APPPOOLSTA (column name).

**Auto Shutdown AppPool Exe attribute**

Specifies an executable to run when the World Wide Web Publishing Service (WWW service) shuts down an application pool for rapid fail protection. It will display blank if not configured. The type is string.

The following names are defined for this attribute: AUTO_SHUTDOWN_APPPOOL_EXE or AUTOSHUTDO (historical name), Auto Shutdown AppPool Exe (caption), Auto_Shutdown_AppPool_Exe (attribute name), and AUTOSHUTDO (column name).

**Auto Shutdown AppPool Params attribute**

Specifies any command-line parameters for the executable that is specified in the "AutoShutdownAppPoolExe" attribute. It will display blank if not configured. The type is string.

The following names are defined for this attribute: AUTO_SHUTDOWN_APPPOOL_PARAMS or AUTOSHUTD0 (historical name), Auto Shutdown AppPool Params (caption), Auto_Shutdown_AppPool_Params (attribute name), and AUTOSHUTD0 (column name).
CPU Action attribute
Configures the actions that IIS takes when Microsoft Windows NT job objects run. Only one Windows NT job object exists per application pool. Therefore the CPUAction property is configured on a per application pool basis. The type is integer with enumerated values. The following values are defined: NO ACTION (0), KILL W3WP (1), TRACE (2). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: CPU_ACTION or CPUACTION (historical name), CPU Action (caption), CPU_Action (attribute name), and CPUACTION (column name).

CPU Limit % attribute
Configures the maximum percentage of CPU resources that worker processes in an application pool are allowed to consume over a period of time, as indicated by the "CPUResetInterval" attribute. The type is real number (32-bit numeric property) with two decimal places of precision.

The following names are defined for this attribute: CPU_LIMIT_PERCENT or CPULIMPR (historical name), CPU Limit % (caption), CPU_Limit_Percent (attribute name), and CPULIMPR (column name).

CPU Reset Interval attribute
Specifies the reset period, in minutes, for CPU monitoring and throttling limits on the application pool. The type is integer (32-bit numeric property).

The following names are defined for this attribute: CPU_RESET_INTERVAL or CPURESETIN (historical name), CPU Reset Interval (caption), CPU_Reset_Interval (attribute name), and CPURESETIN (column name).

Disallow Overlapping Rotation attribute
Specifies whether the World Wide Web Publishing Service (WWW Service) should start another worker process to replace the existing worker process while it is shutting down. The type is integer with enumerated values. The following values are defined: TRUE (1), FALSE (0). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DISALLOW_OVERLAPPING_ROTATION or DISALLOWOV (historical name), Disallow Overlapping Rotation (caption), Disallow_Overlapping_Rotation (attribute name), and DISALLOWOV (column name).

Disallow Rotation On Config Change attribute
Specifies whether the World Wide Web Publishing Service (WWW Service) should rotate worker processes in an application pool when the configuration has changed. The type is integer with enumerated values. The following values are defined: TRUE (1), FALSE (0). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DISALLOW_rotation_ON_CONFIG_CHANGE or DISALLOWRO (historical name), Disallow Rotation On Config Change (caption), Disallow_Rotation_On_Config_Change (attribute name), and DISALLOWRO (column name).

Idle Timeout attribute
Specifies the time, in minutes, that a worker process should run idle if no new requests are received and the worker process is not processing requests. The type is integer (32-bit numeric property).

The following names are defined for this attribute: IDLE_TIMEOUT or IDLETIMEOU (historical name), Idle Timeout (caption), Idle_Timeout (attribute name), and IDLETIMEOU (column name).

Load Balancer Capabilities attribute
Specifies behavior when a service is unavailable. The type is integer with enumerated values. The following values are defined: TERMINATE CONNECTION (1), SEND 503 ERROR CODE (2). Any value that does not have a definition here is displayed in the User Interface.
The following names are defined for this attribute: LOAD_BALANCER_CAPABILITIES or LOADBALANC (historical name), Load Balancer Capabilities (caption), Load_Balancer_Capabilities (attribute name), and LOADBALANC (column name).

Logon Method attribute
Specifies the logon method for cleartext logons. The type is integer with enumerated values. The following values are defined: BATCH (1), NETWORK (2), INTERACTIVE (0), NETWORK CLEARTEXT (3). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LOGON_METHOD or LOGONMETHO (historical name), Logon Method (caption), Logon_Method (attribute name), and LOGONMETHO (column name).

Max Processes attribute
The maximum number of worker processes an application pool allows to service requests for an application pool. The type is integer (32-bit numeric property).

The following names are defined for this attribute: MAX_PROCESSES or MAXPROCESS (historical name), Max Processes (caption), Max_Processes (attribute name), and MAXPROCESS (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Orphan Action Exe attribute
Specifies an executable file to run when the World Wide Web Publishing Service (WWW service) orphans a worker process. It will display blank if not configured. The type is string.

The following names are defined for this attribute: ORPHAN_ACTION_EXE or ORPHANACTI (historical name), Orphan Action Exe (caption), Orphan_Action_Exe (attribute name), and ORPHANACTI (column name).

Orphan Action Params attribute
Specifies command-line parameters for the executable that is specified by the "OrphanActionExe" attribute. It will display blank if not configured. The type is string.

The following names are defined for this attribute: ORPHAN_ACTION_PARAMS or ORPHANACT0 (historical name), Orphan Action Params (caption), Orphan_Action_Params (attribute name), and ORPHANACT0 (column name).

Orphan Worker Process attribute
When set to true, this notifies the WWW service not to terminate a worker process that fails to respond to pings. Instead it should orphan the worker process in the application pool if the worker process causes fatal errors. The type is integer with enumerated values. The following values are defined: TRUE (1), FALSE (0). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ORPHAN_WORKER_PROCESS or ORPHANWORK (historical name), Orphan Worker Process (caption), Orphan_Worker_Process (attribute name), and ORPHANWORK (column name).

Periodic Restart Memory attribute
Specifies the amount of virtual memory in KB that a worker process can use before the worker process recycles. The maximum value supported for this attribute is 4,294,967 KB. The type is integer (32-bit numeric property).

The following names are defined for this attribute: PERIODIC_RESTART_MEMORY or PERIODICRE (historical name), Periodic Restart Memory (caption), Periodic_Restart_Memory (attribute name), and PERIODICRE (column name).
Periodic Restart Private Memory attribute
Specifies the amount of private memory in KB that a worker process can use before the worker process recycles. The maximum value supported for this property is 4,294,967 KB. The type is integer (32-bit numeric property).

The following names are defined for this attribute: PERIODIC_RESTART_PRIVATE_MEMORY or PERIODICR0 (historical name), Periodic Restart Private Memory (caption), Periodic_Restart_Private_Memory (attribute name), and PERIODICR0 (column name).

Periodic Restart Requests attribute
Indicates the number of requests that the OOP application should process, after which it is recycled. The type is integer (32-bit numeric property).

The following names are defined for this attribute: PERIODIC_RESTART_REQUESTS or PERIODICR1 (historical name), Periodic Restart Requests (caption), Periodic_Restart_Requests (attribute name), and PERIODICR1 (column name).

Periodic Restart Time attribute
Specifies the period of time, in minutes, after which IIS rotates an isolated OOP application. The maximum supported value for this attribute is 71,582. The type is integer (32-bit numeric property).

The following names are defined for this attribute: PERIODIC_RESTART_TIME or PERIODICR2 (historical name), Periodic Restart Time (caption), Periodic_Restart_Time (attribute name), and PERIODICR2 (column name).

Ping Interval attribute
Specifies the period of time, in seconds, between health-monitoring pings that the World Wide Web Publishing Service (WWW Service) sends to a worker process. The type is integer (32-bit numeric property).

The following names are defined for this attribute: PING_INTERVAL or PINGINTERV (historical name), Ping Interval (caption), Ping_Interval (attribute name), and PINGINTERV (column name).

Ping Response Time attribute
Specifies the amount of time, in seconds, that a worker process is given to respond to a health monitoring ping. The type is integer (32-bit numeric property).

The following names are defined for this attribute: PING_RESPONSE_TIME or PINGRESPON (historical name), Ping Response Time (caption), Ping_Response_Time (attribute name), and PINGRESPON (column name).

Pinging Enabled attribute
Specifies whether the World Wide Web Publishing Service (WWW Service) should periodically monitor the health of a worker process. The type is integer with enumerated values. The following values are defined: TRUE (1), FALSE (0). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: PINGING_ENABLED or PINGINGENA (historical name), Pinging Enabled (caption), Pinging Enabled (attribute name), and PINGINGENA (column name).

Rapid Fail Protection attribute
Indicates whether the Rapid Fail Protection is enabled for application pool. The type is integer with enumerated values. The following values are defined: TRUE (1), FALSE (0). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: RAPID_FAIL_PROTECTION or RAPIDFAILP (historical name), Rapid Fail Protection (caption), Rapid_Fail_Protection (attribute name), and RAPIDFAILP (column name).
Rapid Fail Protection Interval attribute
Specifications the number of minutes before the failure count for a process is reset. The type is integer (32-bit numeric property).

The following names are defined for this attribute: RAPID_FAIL_PROTECTION_INTERVAL or RAPIDFAIL0 (historical name), Rapid Fail Protection Interval (caption), Rapid_Fail_PROtection_Interval (attribute name), and RAPIDFAIL0 (column name).

Rapid Fail Protection Max Crashes attribute
Specifies the maximum number of failures that are allowed within the number of minutes specified by the "RapidFailProtectionInterval" attribute. The type is integer (32-bit numeric property).

The following names are defined for this attribute: RAPID_FAIL_PROTECTION_MAX_CRASHES or RAPIDFAIL1 (historical name), Rapid Fail Protection Max Crashes (caption), Rapid_Fail_PROtection_Max_Crashes (attribute name), and RAPIDFAIL1 (column name).

Shutdown Time Limit attribute
Specifies the amount of time, in seconds, after a recycle threshold has reached.IIS waits for all old requests to finish running in a worker process before terminating the worker process. The type is integer (32-bit numeric property).

The following names are defined for this attribute: SHUTDOWN_TIME_LIMIT or SHUTDOWNTIME or Shutdown Time Limit (caption), Shutdown_Time_Limit (attribute name), and SHUTDOWNTIME (column name).

SMP Affinitized attribute
Indicates whether a particular worker process assigned to an application pool should be assigned to a given CPU. The type is integer with enumerated values. The following values are defined: TRUE (1), FALSE (0). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SMP_AFFINITIZED or SMPAFFINIT (historical name), SMP_Affinitized (caption), SMP_Affinitized (attribute name), and SMPAFFINIT (column name).

SMP Processor Affinity Mask attribute
Configures the hexadecimal processor mask. The hexadecimal processor mask indicates to which CPU the worker processes in an application pool should be bound. The type is integer with enumerated values. The following values are defined: UNLIMITED (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SMP_PROCESSOR_AFFINITY_MASK or SMPPROCESS (historical name), SMP Processor Affinity Mask (caption), SMP_PrProcessor_Affinity_Mask (attribute name), and SMPPROCESS (column name).

Startup Time Limit attribute
Specifies the amount of time, in seconds, that the WWW Service should wait for a worker process to finish starting up and reporting to the WWW Service. The type is integer (32-bit numeric property).

The following names are defined for this attribute: STARTUP_TIME_LIMIT or STARTUPTIM (historical name), Startup Time Limit (caption), Startup_Time_Limit (attribute name), and STARTUPTIM (column name).

Timestamp attribute
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).
**WAM User Name attribute**

Specifies the account user name that IIS uses by default as the COM+ application identity for newly created IIS out-of-process applications. It will display blank if not configured. The type is string.

The following names are defined for this attribute: WAM_USER_NAME or WAMUSERNAM (historical name), WAM User Name (caption), WAM_User_Name (attribute name), and WAMUSERNAM (column name).

**Win32 Error attribute**

Indicates the Microsoft Win32 error status code. The type is integer (32-bit gauge).

The following names are defined for this attribute: WIN32_ERROR or WIN32ERROR (historical name), Win32 Error (caption), Win32_Error (attribute name), and WIN32ERROR (column name).

**IIS Components data set**

This data set displays information about the installed components of IIS V7.x and later.

This data set contains the following attributes:

**Module Name attribute**

The name of the installed module of IIS 7.x and later. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: MODULE_NAME or MODULE_NAME (historical name), Module Name (caption), Module_Name (attribute name), and MODULE_NAME (column name).

**Node attribute**

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Status attribute**

The status of the component is Installed. The type is integer with enumerated values. The following values are defined: Installed (1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STATUS (historical name), Status (caption), Status (attribute name), and STATUS (column name).

**Timestamp attribute**

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**IIS FTP Server Bindings data set**

This data set displays the server site bindings of FTP sites on the Microsoft IIS FTP server.

This data set contains the following attributes:

**FTP Port attribute**

The port number of the FTP site. The type is string.

The following names are defined for this attribute: FTP_PORT (historical name), FTP_Port (caption), FTP_Port (attribute name), and FTP_PORT (column name).

**FTP Site ID attribute**

The name that is used to identify the FTP site. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: FTP_SITE_ID or FTP_SITEID (historical name), FTP Site ID (caption), FTP_Site_ID (attribute name), and FTP_SITEID (column name).

**FTP Site Name attribute**
The name of the FTP site. The type is string.

The following names are defined for this attribute: FTP_SITE_NAME or FTP_SITE (historical name), FTP Site Name (caption), FTP_Site_Name (attribute name), and FTP_SITE (column name).

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**IIS FTP Server Status data set**
This data set displays the status of the Microsoft IIS FTP Server.

This data set contains the following attributes:

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Path Name attribute**
Directory path to the executable file. The type is string.

The following names are defined for this attribute: PATH_NAME (historical name), Path Name (caption), Path_Name (attribute name), and PATH_NAME (column name).

**Process ID attribute**
Process identifier of the service. The type is integer (32-bit numeric property).

The following names are defined for this attribute: PROCESS_ID or PID (historical name), Process ID (caption), Process_ID (attribute name), and PID (column name).

**Server Name attribute**
Name of the IIS FTP Server. The type is string.

The following names are defined for this attribute: SERVER_NAME or SERVER_NAM (historical name), Server Name (caption), Server_Name (attribute name), and SERVER_NAM (column name).

**State attribute**
The current state of the IIS FTP Server. The type is string.

The following names are defined for this attribute: STATE or SERVER_ST (historical name), State (caption), State (attribute name), and SERVER_ST (column name).

**Status attribute**
The current status of the IIS FTP Server (operational and nonoperational status). The type is string.

The following names are defined for this attribute: STATUS (historical name), Status (caption), Status (attribute name), and STATUS (column name).
Timestamp attribute
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

IIS FTP Sites Detail data set
This data set displays detailed information about each FTP site on the Microsoft IIS FTP server.

This data set contains the following attributes:

FTP Port attribute
The port number of the FTP site. The type is string.
The following names are defined for this attribute: FTP_PORT (historical name), FTP Port (caption), FTP_Port (attribute name), and FTP_PORT (column name).

FTP Site attribute
The name used to identify FTP site. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: FTP_SITE or SITE_NAME (historical name), FTP Site (caption), FTP_Site (attribute name), and SITE_NAME (column name).

FTP Site ID attribute
The name that is used to identify the FTP site. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: FTP_SITE_ID or FTP_SITEID (historical name), FTP Site ID (caption), FTP_Site_ID (attribute name), and FTP_SITEID (column name).

FTP Site Name attribute
The name of the FTP site. The type is string.
The following names are defined for this attribute: FTP_SITE_NAME or FTPSITENAM (historical name), FTP Site Name (caption), FTP_Site_Name (attribute name), and FTPSITENAM (column name).

FTPSiteName attribute
The name of the FTP site. The type is string.
The following names are defined for this attribute: FTPSITENAME or SITENAME (historical name), FTPSiteName (caption), FTPSiteName (attribute name), and SITENAME (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

State attribute
The current state of FTP site. The type is integer with enumerated values. The following values are defined: Starting (1), Started (2), Stopping (3), Stopped (4), Pausing (5), Paused (6), Continuing (7). Any value that does not have a definition here is displayed in the User Interface.
The following names are defined for this attribute: STATE (historical name), State (caption), State (attribute name), and STATE (column name).

Timestamp attribute
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).
IIS NNTP Server Status data set
This data set displays the status of the Microsoft IIS NNTP Server.

This data set contains the following attributes:

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Path Name attribute
Directory path to the executable file. The type is string.

The following names are defined for this attribute: PATH_NAME (historical name), Path Name (caption), Path_Name (attribute name), and PATH_NAME (column name).

Process ID attribute
Process identifier of the service. The type is integer (32-bit numeric property).

The following names are defined for this attribute: PROCESS_ID or PID (historical name), Process ID (caption), Process_ID (attribute name), and PID (column name).

Server Name attribute
Name of the IIS NNTP Server. The type is string.

The following names are defined for this attribute: SERVER_NAME or SERVER_NAM (historical name), Server Name (caption), Server_Name (attribute name), and SERVER_NAM (column name).

State attribute
The current state of the IIS NNTP Server. The type is string.

The following names are defined for this attribute: STATE or SERVER_ST (historical name), State (caption), State (attribute name), and SERVER_ST (column name).

Status attribute
The current status of the IIS NNTP Server (operational and nonoperational status). The type is string.

The following names are defined for this attribute: STATUS (historical name), Status (caption), Status (attribute name), and STATUS (column name).

Timestamp attribute
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

IIS SMTP Server Status data set
This data set displays the status of Microsoft IIS SMTP Server.

This data set contains the following attributes:

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Path Name attribute
Directory path to the executable file. The type is string.
The following names are defined for this attribute: PATH_NAME (historical name), Path Name (caption), Path_Name (attribute name), and PATH_NAME (column name).

**Process ID attribute**
Process identifier of the service. The type is integer (32-bit numeric property).
The following names are defined for this attribute: PROCESS_ID or PID (historical name), Process ID (caption), Process_ID (attribute name), and PID (column name).

**Server Name attribute**
Name of the IIS SMTP Server. The type is string.
The following names are defined for this attribute: SERVER_NAME or SERVER_NAM (historical name), Server Name (caption), Server_Name (attribute name), and SERVER_NAM (column name).

**State attribute**
The current state of the IIS SMTP Server. The type is string.
The following names are defined for this attribute: STATE or SERVER_ST (historical name), State (caption), State (attribute name), and SERVER_ST (column name).

**Status attribute**
The current status of the IIS SMTP Server (operational and nonoperational status). The type is string.
The following names are defined for this attribute: STATUS (historical name), Status (caption), Status (attribute name), and STATUS (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**IIS Version Information data set**
This data set displays information about the Microsoft IIS web server version.

This data set contains the following attributes:

**Major IIS Version Number attribute**
The major version number of the IIS web server. The type is integer (32-bit numeric property).
The following names are defined for this attribute: MAJOR_IIS_VERSION_NUMBER or MAJORIISVE (historical name), Major IIS Version Number (caption), Major_IIS_Version_Number (attribute name), and MAJORIISVE (column name).

**Minor IIS Version Number attribute**
The minor version number of the IIS web server. The type is integer (32-bit numeric property).
The following names are defined for this attribute: MINOR_IIS_VERSION_NUMBER or MINORIISVE (historical name), Minor IIS Version Number (caption), Minor_IIS_Version_Number (attribute name), and MINORIISVE (column name).

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Server Name attribute**
The name that is used to identify IIS web server. The type is string.
The following names are defined for this attribute: SERVER_NAME or SERVER_NAM (historical name), Server Name (caption), Server_Name (attribute name), and SERVER_NAM (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**IIS Web Server Bindings data set**
This data set displays the site bindings of the websites on the Microsoft IIS web server.

This data set contains the following attributes:

**HTTP Port attribute**
The HTTP port number of the website. The type is string.
The following names are defined for this attribute: HTTP_PORT (historical name), HTTP Port (caption), HTTP_Port (attribute name), and HTTP_PORT (column name).

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Site ID attribute**
The name that is used to identify a website. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: SITE_ID (historical name), Site ID (caption), Site_ID (attribute name), and SITE_ID (column name).

**SSL Port attribute**
The SSL port number of the website. The type is string.
The following names are defined for this attribute: SSL_PORT (historical name), SSL Port (caption), SSL_Port (attribute name), and SSL_PORT (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**Web Site Name attribute**
The name of a website. The type is string.
The following names are defined for this attribute: WEB_SITE_NAME or SITE_NAME (historical name), Web Site Name (caption), Web_Site_Name (attribute name), and SITE_NAME (column name).

**IIS Web Server Site Status data set**
This data set displays information related to the status of each website that is running on the Microsoft IIS web server.

This data set contains the following attributes:

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).
State attribute
The current state of the website. The type is integer with enumerated values. The following values are defined: Starting (1), Started (2), Stopping (3), Stopped (4), Pausing (5), Paused (6), Continuing (7). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STATE (historical name), State (caption), State (attribute name), and STATE (column name).

Timestamp attribute
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Web Site attribute
The name that is used to identify a website. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: WEB_SITE or NAME (historical name), Web Site (caption), Web_Site (attribute name), and NAME (column name).

WebSiteName attribute
The name of a website. The type is string.

The following names are defined for this attribute: WEBSITENAME or SITENAME (historical name), WebSiteName (caption), WebSiteName (attribute name), and SITENAME (column name).

IIS Web Server Status data set
This data set displays status of the Microsoft IIS web server.

This data set contains the following attributes:

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Path Name attribute
Directory path to the executable file. The type is string.

The following names are defined for this attribute: PATH_NAME (historical name), Path Name (caption), Path_Name (attribute name), and PATH_NAME (column name).

Process ID attribute
Process identifier of the service. The type is integer (32-bit numeric property).

The following names are defined for this attribute: PROCESS_ID or PID (historical name), Process ID (caption), Process_ID (attribute name), and PID (column name).

Server Name attribute
Name of the IIS web server. The type is string.

The following names are defined for this attribute: SERVER_NAME or SERVER_NAM (historical name), Server Name (caption), Server_Name (attribute name), and SERVER_NAM (column name).

State attribute
The current state of the IIS web server. The type is string.

The following names are defined for this attribute: STATE or SERVER_ST (historical name), State (caption), State (attribute name), and SERVER_ST (column name).
Status attribute
The current status of the IIS web server (operational and nonoperational status). The type is string.
The following names are defined for this attribute: STATUS (historical name), Status (caption), Status (attribute name), and STATUS (column name).

Timestamp attribute
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

IIS Web Sites Detail data set
This data set displays information about each website on the Microsoft IIS web server.
This data set contains the following attributes:

HTTP Port attribute
The HTTP port number of the website. The type is string.
The following names are defined for this attribute: HTTP_PORT (historical name), HTTP Port (caption), HTTP_Port (attribute name), and HTTP_PORT (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Site ID attribute
The name that is used to identify a website. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: SITE_ID (historical name), Site ID (caption), Site_ID (attribute name), and SITE_ID (column name).

SSL Port attribute
The SSL port number of the website. The type is string.
The following names are defined for this attribute: SSL_PORT (historical name), SSL Port (caption), SSL_Port (attribute name), and SSL_PORT (column name).

State attribute
The current state of the website. The type is integer with enumerated values. The following values are defined: Starting (1), Started (2), Stopping (3), Stopped (4), Pausing (5), Paused (6), Continuing (7). Any value that does not have a definition here is displayed in the User Interface.
The following names are defined for this attribute: STATE (historical name), State (caption), State (attribute name), and STATE (column name).

Timestamp attribute
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Web Site attribute
The name that is used to identify a website. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: WEB_SITE or NAME (historical name), Web Site (caption), Web_Site (attribute name), and NAME (column name).

Web Site Name attribute
The name of a website. The type is string.
The following names are defined for this attribute: WEB_SITE_NAME or SITE_NAME (historical name), Web Site Name (caption), Web_Site_Name (attribute name), and SITE_NAME (column name).

**WebSiteName attribute**
The name of a website. The type is string.

The following names are defined for this attribute: WEBSITENAME or SITENAME (historical name), WebSiteName (caption), WebSiteName (attribute name), and SITENAME (column name).

**Internet Information Services GI data set**
This data set monitors FTP, SMTP, and NNTP services as a whole.

This data set contains the following attributes:

**Active Flushed Entries attribute**
The number of cached file handles that will close when all the current transfers are complete. The type is integer (32-bit gauge).

The following names are defined for this attribute: ACTIVE_FLUSHED_ENTRIES or ACTIVE_FLU (historical name), Active Flushed Entries (caption), Active_Flushed_Entries (attribute name), and ACTIVE_FLU (column name).

**BLOB Cache Flushes attribute**
The number of BLOB cache flushes that occurred since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: BLOB_CACHE_FLUSHES or BLOB_CACHE (historical name), BLOB Cache Flushes (caption), BLOB_Cache_Flushes (attribute name), and BLOB_CACHE (column name).

**BLOB Cache Hits attribute**
The number of successful lookups in the BLOB cache. The type is integer (32-bit gauge).

The following names are defined for this attribute: BLOB_CACHE_HITS or BLOB_CACH0 (historical name), BLOB Cache Hits (caption), BLOB_Cache_Hits (attribute name), and BLOB_CACH0 (column name).

**BLOB Cache Hits % attribute**
The ratio of BLOB cache hits to the total number of cache requests. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: BLOB_CACHE_HITS_PERCENT or BLOB_CACH1 (historical name), BLOB Cache Hits % (caption), BLOB_Cache_Hits_Percent (attribute name), and BLOB_CACH1 (column name).

**BLOB Cache Misses attribute**
The number of unsuccessful lookups in the BLOB cache. The type is integer (32-bit gauge).

The following names are defined for this attribute: BLOB_CACHE_MISSES or BLOB_CACH2 (historical name), BLOB Cache Misses (caption), BLOB_Cache_Misses (attribute name), and BLOB_CACH2 (column name).

**Current BLOBs Cached attribute**
The BLOB information blocks that are currently in the cache. The type is integer (32-bit gauge).

The following names are defined for this attribute: CURRENT_BLOBS_CACHED or CURRENT_BL (historical name), Current BLOBs Cached (caption), Current_BLOBs_Cached (attribute name), and CURRENT_BL (column name).

**Current File Cache Memory Usage (KB) attribute**
The current number of KB used for the file cache. The type is real number (32-bit gauge) with two decimal places of precision.
The following names are defined for this attribute:
CURRENT_FILE_CACHE_MEMORY_USAGE_IN_KB or CURR_MUKB (historical name), Current File Cache Memory Usage (KB) (caption), Current_File_Cache_Memory_Usage_In_KB (attribute name), and CURR_MUKB (column name).

**Current Files Cached attribute**
The number of files that are currently in the cache. The type is integer (32-bit gauge).

The following names are defined for this attribute: CURRENT_FILES_CACHED or CURRENT_F0 (historical name), Current Files Cached (caption), Current_Files_Cached (attribute name), and CURRENT_F0 (column name).

**File Cache Flushes attribute**
The number of file cache flushes that occurred since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: FILE_CACHE_FLUSHES or FILE_CACHE (historical name), File Cache Flushes (caption), File_Cache_Flushes (attribute name), and FILE_CACHE (column name).

**File Cache Hits attribute**
The number of successful lookups in the file cache. The type is integer (32-bit gauge).

The following names are defined for this attribute: FILE_CACHE_HITS or FILE_CACH0 (historical name), File Cache Hits (caption), File_Cache_Hits (attribute name), and FILE_CACH0 (column name).

**File Cache Hits % attribute**
The ratio of file cache hits to the total number of cache requests. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: FILE_CACHE_HITS_PERCENT or FILE_CACH1 (historical name), File Cache Hits % (caption), File_Cache_Hits_Percent (attribute name), and FILE_CACH1 (column name).

**File Cache Misses attribute**
The number of unsuccessful lookups in the file cache. The type is integer (32-bit gauge).

The following names are defined for this attribute: FILE_CACHE_MISSES or FILE_CACH2 (historical name), File Cache Misses (caption), File_Cache_Misses (attribute name), and FILE_CACH2 (column name).

**Maximum File Cache Memory Usage (KB) attribute**
The maximum number of KB used for the file cache. The type is real number (32-bit counter) with two decimal places of precision.

The following names are defined for this attribute:
MAXIMUM_FILE_CACHE_MEMORY_USAGE_IN_KB or MAXIMU_KB (historical name), Maximum File Cache Memory Usage (KB) (caption), Maximum_File_Cache_Memory_Usage_In_KB (attribute name), and MAXIMU_KB (column name).

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).
Total BLOBs Cached attribute
The number of BLOB information blocks that are added to the cache. The type is integer (32-bit gauge).

The following names are defined for this attribute: TOTAL_BLOBS_CACHED or TOTAL_BLOB (historical name), Total BLOBs Cached (caption), Total_BLOBs_Cached (attribute name), and TOTAL_BLOB (column name).

Total Files Cached attribute
The number of files that are added to the cache since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_FILES_CACHED or TOTAL_FILE (historical name), Total Files Cached (caption), Total_Files_Cached (attribute name), and TOTAL_FILE (column name).

Total Flushed BLOBs attribute
The number of BLOB information blocks that are removed from the cache since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_FLUSHED_BLOBS or TOTAL_FLUSH (historical name), Total Flushed BLOBs (caption), Total_Flushed_BLOBs (attribute name), and TOTAL_FLUSH (column name).

Total Flushed Files attribute
The number of file handles that are removed from the cache since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_FLUSHED_FILES or TOTAL_FLUSH0 (historical name), Total Flushed Files (caption), Total_Flushed_Files (attribute name), and TOTAL_FLUSH0 (column name).

Microsoft FTP Service data set
This data set monitors Microsoft FTP Service V7.x and later.

This data set contains the following attributes:

% Current Anonymous Users attribute
The percentage number of users who currently have an anonymous connection that was made by using the Microsoft FTP service. The type is integer (32-bit gauge).

The following names are defined for this attribute: PERCENT_CURRENT_ANONYMOUS_USERS or CURRAN_PR (historical name), % Current Anonymous Users (caption), Percent_Current_Anonymous_Users (attribute name), and CURRAN_PR (column name).

% Current NonAnonymous Users attribute
The percentage number of users who currently have a nonanonymous connection that was made by using the Microsoft FTP service. The type is integer (32-bit gauge).

The following names are defined for this attribute: PERCENT_CURRENT_NONANONYMOUS_USERS or CURRNAU_PR (historical name), % Current NonAnonymous Users (caption), Percent_Current_NonAnonymous_Users (attribute name), and CURRNAU_PR (column name).

% Total Anonymous Users attribute
The percentage of users who have established an anonymous connection with the Microsoft FTP service since the service started. The type is integer (32-bit gauge).

The following names are defined for this attribute: PERCENT_TOTAL_ANONYMOUS_USERS or TOT_ANONPR (historical name), % Total Anonymous Users (caption), Percent_Total_Anonymous_Users (attribute name), and TOT_ANONPR (column name).
% Total NonAnonymous Users attribute
The percentage of users who have established nonanonymouse connections with the Microsoft FTP service since the service started. The type is integer (32-bit gauge).

The following names are defined for this attribute:
PERCENT_TOTAL_NONANONYMOUS_USERS or TOT_NONAPR (historical name), % Total NonAnonymous Users (caption), Percent_Total_NonAnonymous_Users (attribute name), and TOT_NONAPR (column name).

Current Anonymous Users attribute
The number of users who currently have an anonymous connection that was made by using the Microsoft FTP service. The type is integer (32-bit gauge).

The following names are defined for this attribute: CURRENT_ANONYMOUS_USERS or CURRENTANO (historical name), Current Anonymous Users (caption), Current_Anonymous_Users (attribute name), and CURRENTANO (column name).

Current Connections attribute
The current number of connections that have been established with the Microsoft FTP service. The type is integer (32-bit gauge).

The following names are defined for this attribute: CURRENT_CONNECTIONS or CURRENTCON (historical name), Current Connections (caption), Current_Connections (attribute name), and CURRENTCON (column name).

Current NonAnonymous Users attribute
The number of users who currently have a nonanonymouse connection that was made by using the Microsoft FTP service. The type is integer (32-bit gauge).

The following names are defined for this attribute: CURRENT_NONANONYMOUS_USERS or CURRENTNON (historical name), Current NonAnonymous Users (caption), Current_NonAnonymous_Users (attribute name), and CURRENTNON (column name).

File Sent Rate (per sec) attribute
The total number of files that have been sent by the Microsoft FTP service per second. The type is integer (rate of change between successive values).

The following names are defined for this attribute: FILES_SENT_RATE or FILES_RATE (historical name), File Sent Rate (per sec) (caption), Files_Sent_Rate (attribute name), and FILES_RATE (column name).

Files Received Rate (per sec) attribute
The total number of files that have been received by the Microsoft FTP service per second. The type is integer (rate of change between successive values).

The following names are defined for this attribute: FILES_RECEIVED_RATE or FILER_RATE (historical name), Files Received Rate (per sec) (caption), Files_Received_Rate (attribute name), and FILER_RATE (column name).

Files Transferred Rate (per sec) attribute
The rate of total files transferred by the Microsoft FTP service per second. The type is integer (rate of change between successive values).

The following names are defined for this attribute: FILES_TRANSFERRED_RATE or FILET_RATE (historical name), Files Transferred Rate (per sec) (caption), Files_Transferred_Rate (attribute name), and FILET_RATE (column name).

KB Received Rate (per sec) attribute
The rate at which KB are received by the Microsoft FTP service. The type is integer (32-bit gauge).

The following names are defined for this attribute: KBYTES_RECEIVED_RATE or KB_RECE (historical name), KB Received Rate (per sec) (caption), KBytes_Received_Rate (attribute name), and KB_RECE (column name).
KB Sent Rate (per sec) attribute
The rate at which KB are sent by the Microsoft FTP service. The type is integer (32-bit gauge).

The following names are defined for this attribute: KBYTES_SENT_RATE or KB_SENT (historical name), KB Sent Rate (per sec) (caption), KBytes_Sent_Rate (attribute name), and KB_SENT (column name).

KB Total Rate (per sec) attribute
The total rate of KB transferred by the Microsoft FTP service. The type is integer (32-bit gauge).

The following names are defined for this attribute: KBYTES_TOTAL_RATE or KBS_TOTA (historical name), KB Total Rate (per sec) (caption), KBytes_Total_Rate (attribute name), and KBS_TOTA (column name).

Logon Attempt Rate (per sec) attribute
The rate of number of logons that have been attempted by using the Microsoft FTP service per second. The type is integer (rate of change between successive values).

The following names are defined for this attribute: LOGON_ATTEMPTS_RATE or LOGON_ATT (historical name), Logon Attempt Rate (per sec) (caption), Logon_Attempts_Rate (attribute name), and LOGON_ATT (column name).

Maximum Anonymous Users attribute
The maximum number of users who have established concurrent anonymous connections using the Microsoft FTP service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: MAXIMUM_ANONYMOUS_USERS or MAXIMUMANO (historical name), Maximum Anonymous Users (caption), Maximum_Anonymous_Users (attribute name), and MAXIMUMANO (column name).

Maximum Connections attribute
The maximum number of simultaneous connections that have been established with the Microsoft FTP service. The type is integer (32-bit gauge).

The following names are defined for this attribute: MAXIMUM_CONNECTIONS or MAXIMUMCON (historical name), Maximum Connections (caption), Maximum_Connections (attribute name), and MAXIMUMCON (column name).

Maximum NonAnonymous Users attribute
The maximum number of users who have established concurrent nonanonymous connections using the Microsoft FTP service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: MAXIMUM_NONANONYMOUS_USERS or MAXIMUMNON (historical name), Maximum NonAnonymous Users (caption), Maximum_NonAnonymous_Users (attribute name), and MAXIMUMNON (column name).

Microsoft FTP Service Uptime (hrs) attribute
The amount of time, in hours, that the Microsoft FTP service has been running. The type is real number (32-bit counter) with two decimal places of precision.

The following names are defined for this attribute: MICROSOFT_FTP_SERVICE_UPTIME_IN_HRS or MSFTPHR (historical name), Microsoft FTP Service Uptime (hrs) (caption), Microsoft_FTP_Service_Uptime_In_Hrs (attribute name), and MSFTPHR (column name).

Name attribute
Name of the FTP site. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NAME (historical name), Name (caption), Name (attribute name), and NAME (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**Total Anonymous Users attribute**
The number of users who have established an anonymous connection with the Microsoft FTP service since the service started. The type is integer (32-bit counter).
The following names are defined for this attribute: TOTAL_ANONYMOUS_USERS or TOTALANONY (historical name), Total Anonymous Users (caption), Total_Anonymous_Users (attribute name), and TOTALANONY (column name).

**Total Connection Attempts attribute**
The number of connections that have been attempted by using the Microsoft FTP service since the service started. The type is integer (32-bit counter).
The following names are defined for this attribute: TOTAL_CONNECTION_ATTEMPTS or TOTALCONNE (historical name), Total Connection Attempts (caption), Total_Connection_Attempts (attribute name), and TOTALCONNE (column name).

**Total Files Received attribute**
The total number of files that have been received by the Microsoft FTP service since the service started. The type is integer (32-bit counter).
The following names are defined for this attribute: TOTAL_FILES_RECEIVED or TOTALFILES (historical name), Total Files Received (caption), Total_Files_Received (attribute name), and TOTALFILES (column name).

**Total Files Sent attribute**
The total number of files that have been sent by the Microsoft FTP service since the service started. The type is integer (32-bit counter).
The following names are defined for this attribute: TOTAL_FILES_SENT or TOTALFILE0 (historical name), Total Files Sent (caption), Total_Files_Sent (attribute name), and TOTALFILE0 (column name).

**Total Files Transferred attribute**
The sum of total number of files sent and received. The type is integer (32-bit counter).
The following names are defined for this attribute: TOTAL_FILES_TRANSFERRED or TOTALFILE1 (historical name), Total Files Transferred (caption), Total_Files_Transferred (attribute name), and TOTALFILE1 (column name).

**Total Logon Attempts attribute**
The number of logons that have been attempted by using the Microsoft FTP service since the service started. The type is integer (32-bit counter).
The following names are defined for this attribute: TOTAL_LOGON_ATTEMPTS or TOTALLOGON (historical name), Total Logon Attempts (caption), Total_Logon_Attempts (attribute name), and TOTALLOGON (column name).

**Total NonAnonymous Users attribute**
The number of users who have established nonanonymous connections with the Microsoft FTP service since the service started. The type is integer (32-bit counter).
The following names are defined for this attribute: TOTAL_NONANONYMOUS_USERS or TOTALNONAN (historical name), Total NonAnonymous Users (caption), Total_NonAnonymous_Users (attribute name), and TOTALNONAN (column name).
Mime Types data set
This data set lists all Multipurpose Internet Mail Extensions (MIME) types so that you can identify the types of content that can be served from a web server to a browser or a mail client.

This data set contains the following attributes:

File Extension attribute
Specifies the file name extension. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: FILE_EXTENSION or FILE_EXTEN (historical name), File Extension (caption), File_Extension (attribute name), and FILE_EXTEN (column name).

MIME Type attribute
The MIME type that is used to open the files. The type is string.

The following names are defined for this attribute: MIME_TYPE or APPLICATIO (historical name), MIME_Type (caption), MIME_Type (attribute name), and APPLICATIO (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Timestamp attribute
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

MSMQ Incoming HTTP Traffic data set
This data set provides information about the incoming HTTP messages that use the Microsoft Message Queuing (MSMQ) protocol.

This data set contains the following attributes:

Incoming HTTP Bytes attribute
The total number of message bytes that arrive at the computer by using the incoming HTTP connection. The type is integer (32-bit gauge).

The following names are defined for this attribute: INCOMING_HTTP_BYTES or INHTTPB (historical name), Incoming HTTP Bytes (caption), Incoming_HTTP_Bytes (attribute name), and INHTTPB (column name).

Incoming HTTP Bytes (per sec) attribute
The rate at which message bytes arrive at the computer by using the incoming HTTP connection. The type is integer (32-bit gauge).

The following names are defined for this attribute: INCOMING_HTTP_BYTES_PER_SEC or INHTPBPS (historical name), Incoming HTTP Bytes (per sec) (caption), Incoming_HTTP_Bytes_per_sec (attribute name), and INHTPBPS (column name).

Incoming HTTP Messages attribute
The total number of HTTP messages that arrive at the computer by using the MSMQ protocol. The type is integer (32-bit gauge).

The following names are defined for this attribute: INCOMING_HTTP_MESSAGES or INHTTPMSG (historical name), Incoming HTTP Messages (caption), Incoming_HTTP_Messages (attribute name), and INHTTPMSG (column name).
 Incoming HTTP Messages (per sec) attribute
The rate at which HTTP messages arrive at the computer by using the MSMQ protocol. The type is integer (32-bit gauge).

The following names are defined for this attribute: INCOMING_HTTP_MESSAGES_PER_SEC or INHTTPMSGP (historical name), Incoming HTTP Messages (per sec) (caption), Incoming_HTTP_Messages_per_sec (attribute name), and INHTTPMSGP (column name).

Name attribute
The name of the instance. This attribute is a key attribute. The type is String.

The following names are defined for this attribute: NAME (historical name), Name (caption), Name (attribute name), and NAME (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Timestamp attribute
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

MSMQ Outgoing HTTP Session data set
This data set monitors the HTTP sessions on the IIS server that runs Microsoft Message Queuing (MSMQ).

This data set contains the following attributes:

Name attribute
The name of the instance. This attribute is a key attribute. The type is String.

The following names are defined for this attribute: NAME (historical name), Name (caption), Name (attribute name), and NAME (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Outgoing HTTP Bytes attribute
The size of the MSMQ messages (in bytes) that are sent during the HTTP session. The type is integer (32-bit counter).

The following names are defined for this attribute: OUTGOING_HTTP_BYTES or OUHTTPB (historical name), Outgoing HTTP Bytes (caption), Outgoing_HTTP_Bytes (attribute name), and OUHTTPB (column name).

Outgoing HTTP Bytes (per sec) attribute
The size of the MSMQ messages (in bytes) are sent per second during the HTTP session. The type is integer (32-bit gauge).

The following names are defined for this attribute: OUTGOING_HTTP_BYTES_PER_SEC or OUHTPBPS (historical name), Outgoing HTTP Bytes (per sec) (caption), Outgoing_HTTP_Bytes_per_sec (attribute name), and OUHTPBPS (column name).

Outgoing HTTP Messages attribute
The size of the MSMQ messages (in bytes) that are sent during the HTTP session. The type is integer (32-bit counter).
The following names are defined for this attribute: OUTGOING_HTTP_MESSAGES or OUHTTPMSG (historical name), Outgoing HTTP Messages (caption), Outgoing_HTTP_Messages (attribute name), and OUHTTPMSG (column name).

**Outgoing HTTP Messages (per sec) attribute**

The number of the MSMQ messages that are sent per second during the HTTP session. The type is integer (32-bit gauge).

The following names are defined for this attribute: OUTGOING_HTTP_MESSAGES_PER_SEC or OUHTTPMSGP (historical name), Outgoing HTTP Messages (per sec) (caption), Outgoing_HTTP_Messages_per_sec (attribute name), and OUHTTPMSGP (column name).

**Timestamp attribute**

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**NNTP Server data set**

This data set displays the information related to each NNTP Virtual Server status running on Microsoft IIS NNTP server.

This data set contains the following attributes:

**NNTP Virtual Server attribute**

The name used to identify NNTP Virtual Server. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NNTP_VIRTUAL_SERVER or NNTP_VSR (historical name), NNTP Virtual Server (caption), NNTP_Virtual_Server (attribute name), and NNTP_VSR (column name).

**Node attribute**

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**State attribute**

The current state of the NNTP virtual server. The type is integer with enumerated values. The following values are defined: Starting (1), Started (2), Stopping (3), Stopped (4), Pausing (5), Paused (6), Continuing (7). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STATE (historical name), State (caption), State (attribute name), and STATE (column name).

**Timestamp attribute**

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**NNTP Version Information data set**

This data set displays information about the Microsoft IIS NNTP Server version.

This data set contains the following attributes:

**Major NNTP Version Number attribute**

The major version number of the IIS NNTP Server. The type is integer (32-bit numeric property).
The following names are defined for this attribute: MAJOR_NNTP_VERSION_NUMBER or MAJORNNTPV (historical name), Major NNTP Version Number (caption), Major_NNTP_Version_Number (attribute name), and MAJORNNTPV (column name).

**Minor NNTP Version Number attribute**

The minor version number of the IIS NNTP Server. The type is integer (32-bit numeric property).

The following names are defined for this attribute: MINOR_NNTP_VERSION_NUMBER or MINORNNTPV (historical name), Minor NNTP Version Number (caption), Minor_NNTP_Version_Number (attribute name), and MINORNNTPV (column name).

**Node attribute**

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Server Name attribute**

The name that is used to identify IIS NNTP Server. The type is string.

The following names are defined for this attribute: SERVER_NAME or SERVER_NAM (historical name), Server Name (caption), Server_Name (attribute name), and SERVER_NAM (column name).

**Timestamp attribute**

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**Performance Object Status data set**

The Performance Object Status data set contains information that reflects the status of other data sets so you can see the status of all performance objects that make up this application all at once. Each of these other performance data sets is represented by a row in this table (or other type of view). The status for a data set reflects the result of the last attempt to collect data for that data set, so you can see whether the agent is collecting data correctly. Unlike other data sets, the Performance Object Status data set does not reflect the state of the monitored application. This data set is most often used to determine why data is not available for one of the performance data sets.

This data set contains the following attributes:

**Average Collection Duration attribute**

The average duration of all data collections of this group in seconds. The type is real number (32-bit counter) with two decimal places of precision with enumerated values. The following values are defined: NO DATA (-100). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: AVERAGE_COLLECTION_DURATION or COLAVGD (historical name), Average Collection Duration (caption), Average_Collection_Duration (attribute name), and COLAVGD (column name).

**Cache Hit Percent attribute**

The percentage of external data requests for this group that were satisfied from the cache. The type is real number (32-bit counter) with two decimal places of precision.

The following names are defined for this attribute: CACHE_HIT_PERCENT or CACHPCT (historical name), Cache Hit Percent (caption), Cache_Hit_Percent (attribute name), and CACHPCT (column name).

**Cache Hits attribute**

The number of times an external data request for this group was satisfied from the cache. The type is integer (32-bit counter).
The following names are defined for this attribute: CACHE_HITS or CACHEHT (historical name), Cache Hits (caption), Cache_Hits (attribute name), and CACHEHT (column name).

**Cache Misses attribute**

The number of times an external data request for this group was not available in the cache. The type is integer (32-bit counter).

The following names are defined for this attribute: CACHE_MISSES or CACHEMS (historical name), Cache Misses (caption), Cache_Misses (attribute name), and CACHEMS (column name).

**Error Code attribute**

The error code associated with the query. The type is integer with enumerated values. The following values are defined: NO ERROR (0), GENERAL ERROR (1), OBJECT NOT FOUND (2), COUNTER NOT FOUND (3), NAMESPACE ERROR (4), OBJECT CURRENTLY UNAVAILABLE (5), COM LIBRARY INIT FAILURE (6), SECURITY INIT FAILURE (7), PROXY SECURITY FAILURE (9), NO INSTANCES RETURNED (10), ASSOCIATOR QUERY FAILED (11), REFERENCE QUERY FAILED (12), NO RESPONSE RECEIVED (13), CANNOT FIND JOINED QUERY (14), CANNOT FIND JOIN ATTRIBUTE IN QUERY 1 RESULTS (15), CANNOT FIND JOIN ATTRIBUTE IN QUERY 2 RESULTS (16), QUERY 1 NOT A SINGLETION (17), QUERY 2 NOT A SINGLETION (18), NO INSTANCES RETURNED IN QUERY 1 (19), NO INSTANCES RETURNED IN QUERY 2 (20), CANNOT FIND ROLLUP QUERY (21), CANNOT FIND ROLLUP ATTRIBUTE (22), FILE OFFLINE (23), NO HOSTNAME (24), MISSING LIBRARY (25), ATTRIBUTE COUNT MISMATCH (26), ATTRIBUTE NAME MISMATCH (27), COMMON DATA PROVIDER NOT STARTED (28), CALLBACK REGISTRATION ERROR (29), MDL LOAD ERROR (30), AUTHENTICATION FAILED (31), CANNOT RESOLVE HOST NAME (32), SUBNODE UNAVAILABLE (33), SUBNODE NOT FOUND IN CONFIG (34), ATTRIBUTE ERROR (35), CLASSPATH ERROR (36), CONNECTION FAILURE (37), FILTER SYNTAX ERROR (38), FILE NAME MISSING (39), SQL QUERY ERROR (40), SQL FILTER QUERY ERROR (41), SQL DB QUERY ERROR (42), SQL DB FILTER QUERY ERROR (43), PORT OPEN FAILED (44), ACCESS DENIED (45), TIMEOUT (46), NOT IMPLEMENTED (47), REQUESTED A BAD VALUE (48), RESPONSE TOO BIG (49), GENERAL RESPONSE ERROR (50), SCRIPT NONZERO RETURN (51), SCRIPT NOT FOUND (52), SCRIPT LAUNCH ERROR (53), CONF FILE DOES NOT EXIST (54), CONF FILE ACCESS DENIED (55), INVALID CONF FILE (56), EIF INITIALIZATION FAILED (57), CANNOT OPEN FORMAT FILE (58), FORMAT FILE SYNTAX ERROR (59), REMOTE HOST UNAVAILABLE (60), EVENT LOG DOES NOT EXIST (61), PING FILE DOES NOT EXIST (62), NO PING DEVICE FILES (63), PING DEVICE LIST FILE MISSING (64), SNMP MISSING PASSWORD (65), DISABLED (66), URLS FILE NOT FOUND (67), XML PARSE ERROR (68), NOT INITIALIZED (69), ICMP SOCKETS FAILED (70), DUPLICATE CONF FILE (71), DELETED CONFIGURATION (72). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ERROR_CODE or ERRCODE (historical name), Error Code (caption), Error_Code (attribute name), and ERRCODE (column name).

**Intervals Skipped attribute**

The number of times a background data collection for this group was skipped because the previous collection was still running when the next one was due to start. The type is integer (32-bit counter).

The following names are defined for this attribute: INTERVALS_SKIPPED or INTSKIP (historical name), Intervals Skipped (caption), Intervals_Skipped (attribute name), and INTSKIP (column name).

**Last Collection Duration attribute**

The duration of the most recently completed data collection of this group in seconds. The type is real number (32-bit counter) with two decimal places of precision.

The following names are defined for this attribute: LAST_COLLECTION_DURATION or COLDURA (historical name), Last Collection Duration (caption), Last_Collection_Duration (attribute name), and COLDURA (column name).
Last Collection Finished attribute
The most recent time a data collection of this group finished. The type is timestamp with enumerated values. The following values are defined: NOT COLLECTED (0691231190000000), NOT COLLECTED (0000000000000001). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LAST_COLLECTION_FINISHED or COLFINI (historical name), Last Collection Finished (caption), Last_Collection_Finished (attribute name), and COLFINI (column name).

Last Collection Start attribute
The most recent time a data collection of this group started. The type is timestamp with enumerated values. The following values are defined: NOT COLLECTED (0691231190000000), NOT COLLECTED (0000000000000001). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: LAST_COLLECTION_START or COLSTRT (historical name), Last Collection Start (caption), Last_Collection_Start (attribute name), and COLSTRT (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Number of Collections attribute
The number of data collections for this group since the agent started. The type is integer (32-bit counter).

The following names are defined for this attribute: NUMBER_OF_COLLECTIONS or NUMCOLL (historical name), Number of Collections (caption), Number_of_Collections (attribute name), and NUMCOLL (column name).

ObjectName attribute
The name of the performance object. The type is string.

The following names are defined for this attribute: OBJECT_NAME or OBJNAME (historical name), Object Name (caption), Object_Name (attribute name), and OBJNAME (column name).

Object Status attribute
The status of the performance object. The type is integer with enumerated values. The following values are defined: ACTIVE (0), INACTIVE (1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OBJECT_STATUS or OBJSTTS (historical name), Object Status (caption), Object_Status (attribute name), and OBJSTTS (column name).

Object Type attribute
The type of the performance object. The type is integer with enumerated values. The following values are defined: WMI (0), PERFMON (1), WMI ASSOCIATION GROUP (2), JMX (3), SNMP (4), SHELL COMMAND (5), JOINED GROUPS (6), CIMOM (7), CUSTOM (8), ROLLUP DATA (9), WMI REMOTE DATA (10), LOG FILE (11), JDBC (12), CONFIG DISCOVERY (13), NT EVENT LOG (14), FILTER (15), SNMP EVENT (16), PING (17), DIRECTOR DATA (18), DIRECTOR EVENT (19), SSH REMOTE SHELL COMMAND (20). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: OBJECT_TYPE or OBJTYPE (historical name), Object Type (caption), Object_Type (attribute name), and OBJTYPE (column name).

Query Name attribute
The name of the attribute group. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: QUERY_NAME or ATTRGRP (historical name), Query Name (caption), Query_Name (attribute name), and ATTRGRP (column name).

**Refresh Interval attribute**

The interval at which this group is refreshed in seconds. The type is integer (32-bit counter).

The following names are defined for this attribute: REFRESH_INTERVAL or REFRINT (historical name), Refresh Interval (caption), Refresh_Interval (attribute name), and REFRINT (column name).

**Timestamp attribute**

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**SMTP Server data set**

This data set displays the information related to each SMTP Virtual server status running on Microsoft IIS SMTP server.

This data set contains the following attributes:

**Node attribute**

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**SMTP Virtual Server attribute**

The name used to identify SMTP Virtual Server. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: SMTP_VIRTUAL_SERVER or SMTP_VSR (historical name), SMTP Virtual Server (caption), SMTP_Virtual_Server (attribute name), and SMTP_VSR (column name).

**State attribute**

The current state of the SMTP Virtual Server. The type is integer with enumerated values. The following values are defined: Starting (1), Started (2), Stopping (3), Stopped (4), Pausing (5), Paused (6), Continuing (7). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: STATE (historical name), State (caption), State (attribute name), and STATE (column name).

**Timestamp attribute**

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**SMTP Version Information data set**

This data set displays information about the Microsoft IIS SMTP Server version.

This data set contains the following attributes:

**Major SMTP Version Number attribute**

The major version number of the IIS SMTP Server. The type is integer (32-bit numeric property).

The following names are defined for this attribute: MAJOR_SMTP_VERSION_NUMBER or MAJORSMTPV (historical name), Major SMTP Version Number (caption), Major_SMTP_Version_Number (attribute name), and MAJORSMTPV (column name).
Minor SMTP Version Number attribute
The minor version number of the IIS SMTP Server. The type is integer (32-bit numeric property).
The following names are defined for this attribute: MINOR_SMTP_VERSION_NUMBER or MINORSMTPV (historical name), Minor SMTP Version Number (caption), Minor_SMTP_Version_Number (attribute name), and MINORSMTPV (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Server Name attribute
The name that is used to identify IIS SMTP Server. The type is string.
The following names are defined for this attribute: SERVER_NAME or SERVER_NAM (historical name), Server Name (caption), Server_Name (attribute name), and SERVER_NAM (column name).

Timestamp attribute
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Thread Pool Status data set
The Thread Pool Status data set contains information that reflects the status of the internal thread pool used to collect data asynchronously.

This data set contains the following attributes:

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Thread Pool Active Threads attribute
The number of threads in the thread pool currently active doing work. The type is integer (32-bit gauge) with enumerated values. The following values are defined: NO DATA (-1), NO DATA (-100). Any value that does not have a definition here is displayed in the User Interface.
The following names are defined for this attribute: THREAD_POOL_ACTIVE_THREADS or TPACTTH (historical name), Thread Pool Active Threads (caption), Thread_Pool_Active_Threads (attribute name), and TPACTTH (column name).

Thread Pool Avg Active Threads attribute
The average number of threads in the thread pool simultaneously active doing work. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: NO DATA (-1), NO DATA (-100). Any value that does not have a definition here is displayed in the User Interface.
The following names are defined for this attribute: THREAD_POOL_AVG_ACTIVE_THREADS or TPAVGAT (historical name), Thread Pool Avg Active Threads (caption), Thread_Pool_Avg_Active_Threads (attribute name), and TPAVGAT (column name).

Thread Pool Avg Job Wait attribute
The average time a job spends waiting on the thread pool queue in seconds. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: NO DATA (-1), NO DATA (-100). Any value that does not have a definition here is displayed in the User Interface.
The following names are defined for this attribute: THREAD_POOL_AVG_JOB_WAIT or TPAVJBW (historical name), Thread Pool Avg Job Wait (caption), Thread_Pool_Avg_Job_Wait (attribute name), and TPAVJBW (column name).

Thread Pool Avg Queue Length attribute
The average length of the thread pool queue during this run. The type is real number (32-bit gauge) with two decimal places of precision with enumerated values. The following values are defined: NO DATA (-1), NO DATA (-100). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: THREAD_POOL_AVG_QUEUE_LENGTH or TPAVGQL (historical name), Thread Pool Avg Queue Length (caption), Thread_Pool_Avg_Queue_Length (attribute name), and TPAVGQL (column name).

Thread Pool Max Active Threads attribute
The peak number of threads in the thread pool that were simultaneously active doing work. The type is integer (32-bit counter) with enumerated values. The following values are defined: NO DATA (-1), NO DATA (-100). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: THREAD_POOL_MAX_ACTIVE_THREADS or TPMAXAT (historical name), Thread Pool Max Active Threads (caption), Thread_Pool_Max_Active_Threads (attribute name), and TPMAXAT (column name).

Thread Pool Max Queue Length attribute
The peak length the thread pool queue reached. The type is integer (32-bit counter) with enumerated values. The following values are defined: NO DATA (-1), NO DATA (-100). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: THREAD_POOL_MAX_QUEUE_LENGTH or TPMAXQL (historical name), Thread Pool Max Queue Length (caption), Thread_Pool_Max_Queue_Length (attribute name), and TPMAXQL (column name).

Thread Pool Size attribute
The maximum number of threads that are allowed to exist in the thread pool. The type is integer (32-bit numeric property) with enumerated values. The following values are defined: NO DATA (-1), NO DATA (-100). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: THREAD_POOL_MAX_SIZE or TPMAXSZ (historical name), Thread Pool Max Size (caption), Thread_Pool_Max_Size (attribute name), and TPMAXSZ (column name).

Thread Pool Min Active Threads attribute
The smallest number of threads in the thread pool that were simultaneously active doing work. The type is integer (32-bit counter) with enumerated values. The following values are defined: NO DATA (-1), NO DATA (-100). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: THREAD_POOL_MIN_ACTIVE_THREADS or TPMINAT (historical name), Thread Pool Min Active Threads (caption), Thread_Pool_Min_Active_Threads (attribute name), and TPMINAT (column name).

Thread Pool Min Queue Length attribute
The minimum length the thread pool queue reached. The type is integer (32-bit counter) with enumerated values. The following values are defined: NO DATA (-1), NO DATA (-100). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: THREAD_POOL_MIN_QUEUE_LENGTH or TPMINQL (historical name), Thread Pool Min Queue Length (caption), Thread_Pool_Min_Queue_Length (attribute name), and TPMINQL (column name).
Thread Pool Queue Length attribute
The number of jobs currently waiting in the thread pool queue. The type is integer (32-bit gauge) with enumerated values. The following values are defined: NO DATA (-1), NO DATA (-100). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: THREAD_POOL_QUEUE_LENGTH or TPQLGTH (historical name), Thread Pool Queue Length (caption), Thread_Pool_Queue_Length (attribute name), and TPQLGTH (column name).

Thread Pool Size attribute
The number of threads currently existing in the thread pool. The type is integer (32-bit gauge) with enumerated values. The following values are defined: NO DATA (-1), NO DATA (-100). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: THREAD_POOL_SIZE or THPSIZE (historical name), Thread Pool Size (caption), Thread_Pool_Size (attribute name), and THPSIZE (column name).

Thread Pool Total Jobs attribute
The number of jobs that are completed by all threads in the pool since agent start. The type is integer (32-bit counter) with enumerated values. The following values are defined: NO DATA (-1), NO DATA (-100). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: THREAD_POOL_TOTAL_JOBS or TPTJOBS (historical name), Thread Pool Total Jobs (caption), Thread_Pool_Total_Jobs (attribute name), and TPTJOBS (column name).

Timestamp attribute
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Virtual Domain Setting data set
This data set provides information about the configuration settings of the virtual domain that is used to access the website, which is hosted on the SSL port.

This data set contains the following attributes:

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Server Name Indication Enabled attribute
This attribute indicates whether a website can be accessed by using a virtual domain name. The type is integer with enumerated values. The following values are defined: False (0), True (1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: SERVER_NAME_INDICATION_ENABLED or SERNAIN (historical name), Server Name Indication Enabled (caption), Server_Name_Indication_Enabled (attribute name), and SERNAIN (column name).

SSL Port attribute
The SSL port number of the website. The type is integer (32-bit numeric property).

The following names are defined for this attribute: SSL_PORT or SSLPORT (historical name), SSL Port (caption), SSL_Protocol (attribute name), and SSLPORT (column name).
**Timestamp attribute**

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**Virtual Domain Name attribute**

This attribute displays the name of the virtual domain that is used to access the website, which is hosted on the SSL port. The type is string.

The following names are defined for this attribute: VIRTUAL_DOMAIN_NAME or VIRDONAM (historical name), Virtual Domain Name (caption), Virtual_Domain_Name (attribute name), and VIRDONAM (column name).

**Website Name attribute**

The name of the website. The type is string.

The following names are defined for this attribute: WEBSITE_NAME or SITENAM (historical name), Website Name (caption), Website_Name (attribute name), and SITENAM (column name).

**W3SVC W3WP data set**

This data set monitors HTTP request processing related data for the worker process.

This data set contains the following attributes:

**Active Flushed Entries attribute**

The number of file handles cached in user-mode that will be closed when all current transfers complete. The type is integer (32-bit gauge).

The following names are defined for this attribute: ACTIVE_FLUSHED_ENTRIES or ACTIVEFLUS (historical name), Active Flushed Entries (caption), Active_Flushed_Entries (attribute name), and ACTIVEFLUS (column name).

**Active Requests attribute**

The current number of requests being processed by the worker process. The type is integer (32-bit gauge).

The following names are defined for this attribute: ACTIVE_REQUESTS or ACTIVEREQU (historical name), Active Requests (caption), Active_Requests (attribute name), and ACTIVEREQU (column name).

**Active Thread Count attribute**

The number of threads actively processing requests in the worker process. The type is integer (32-bit gauge).

The following names are defined for this attribute: ACTIVE_THREADS_COUNT or ACTIVETHRE (historical name), Active Thread Count (caption), Active_Threads_Count (attribute name), and ACTIVETHRE (column name).

**Current File Cache Memory Usage (KB) attribute**

The current number of KB used by user-mode file cache. The type is integer (32-bit gauge).

The following names are defined for this attribute: CURRENT_FILE_CACHE_MEMORY_USAGE_IN_KB or CURRMUKB (historical name), Current File Cache Memory Usage (KB) (caption), Current_File_Cache_Memory_Usage_In_KB (attribute name), and CURRMUKB (column name).

**Current Files Cached attribute**

The current number of files whose contents are present in user-mode cache. The type is integer (32-bit gauge).
The following names are defined for this attribute: CURRENT_FILES_CACHED or CURRENTFI0 (historical name), Current Files Cached (caption), Current_Files_Cached (attribute name), and CURRENTFI0 (column name).

**Current Metadata Cached attribute**
The number of metadata information blocks currently present in user-mode cache. The type is integer (32-bit gauge).

The following names are defined for this attribute: CURRENT_METADATA_CACHED or CURRENTMET (historical name), Current Metadata Cached (caption), Current_Metadata_Cached (attribute name), and CURRENTMET (column name).

**File Cache Flushes attribute**
The total number of files removed from the user-mode cache since service started. The type is integer (32-bit counter).

The following names are defined for this attribute: FILE_CACHE_FLUSHES or FILECACHEF (historical name), File Cache Flushes (caption), File_Cache_Flushes (attribute name), and FILECACHEF (column name).

**File Cache Hits attribute**
The total number of successful lookups in the user-mode file cache since service started. The type is integer (32-bit counter).

The following names are defined for this attribute: FILE_CACHE_HITS or FILECACHEH (historical name), File Cache Hits (caption), File_Cache_Hits (attribute name), and FILECACHEH (column name).

**File Cache Hits Rate (per sec) attribute**
The rate of successful lookups in file cache during the last sample interval. The type is integer (32-bit gauge).

The following names are defined for this attribute: FILE_CACHE_HITS_RATE or FILECACHE0 (historical name), File Cache Hits Rate (per sec) (caption), File_Cache_Hits_Rate (attribute name), and FILECACHE0 (column name).

**File Cache Misses attribute**
The total number of unsuccessful lookups in the user-mode file cache since service started. The type is integer (32-bit counter).

The following names are defined for this attribute: FILE_CACHE_MISSES or FILECACHEM (historical name), File Cache Misses (caption), File_Cache_Misses (attribute name), and FILECACHEM (column name).

**File Cache Misses Rate (per sec) attribute**
The rate of unsuccessful lookups in file cache during the last sample interval. The type is integer (32-bit gauge).

The following names are defined for this attribute: FILE_CACHE_MISSES_RATE or FILECACHE1 (historical name), File Cache Misses Rate (per sec) (caption), File_Cache_Misses_Rate (attribute name), and FILECACHE1 (column name).

**Files Cached Rate (per sec) attribute**
The rate of total number of files whose contents were added to the user-mode cache per second. The type is integer (rate of change between successive values).

The following names are defined for this attribute: FILES_CACHED_RATE or TOTFILESR (historical name), Files Cached Rate (per sec) (caption), Files_Cached_Rate (attribute name), and TOTFILESR (column name).

**Flushed Files Rate (per sec) attribute**
The rate of total number of file handles that have been removed from the user-mode cache per second. The type is integer (rate of change between successive values).
The following names are defined for this attribute: FLUSHED_FILES_RATE or TOTALFLFR (historical name), Flushed Files Rate (per sec) (caption), Flushed_Files_Rate (attribute name), and TOTALFLFR (column name).

**Flushed Metadata Rate (per sec) attribute**
The rate of total number of metadata information blocks removed from the user-mode cache per second. The type is integer (rate of change between successive values).

The following names are defined for this attribute: FLUSHED_METADATA_RATE or TOTALFLMR0 (historical name), Flushed Metadata Rate (per sec) (caption), Flushed_Metadata_Rate (attribute name), and TOTALFLMR0 (column name).

**HTTP Requests Served Rate (per sec) attribute**
The rate of total number of HTTP requests served by the worker process per second. The type is integer (rate of change between successive values).

The following names are defined for this attribute: HTTP_REQUESTS_SERVED_RATE or TOTHTTPRR (historical name), HTTP Requests Served Rate (per sec) (caption), HTTP_Requests_Served_Rate (attribute name), and TOTHTTPRR (column name).

**Maximum File Cache Memory Usage (KB) attribute**
The maximum number of KB used by user-mode file cache. The type is integer (32-bit gauge).

The following names are defined for this attribute:
MAXIMUM_FILE_CACHE_MEMORY_USAGE_IN_KB or MAXIMUMKB (historical name),
Maximum File Cache Memory Usage (KB) (caption),
Maximum_File_Cache_Memory_Usage_In_KB (attribute name), and MAXIMUMKB (column name).

**Maximum Thread Count attribute**
The maximum number of threads to which the thread pool can grow as needed. The type is integer (32-bit gauge).

The following names are defined for this attribute: MAXIMUM_THREADS_COUNT or MAXIMUMTHR (historical name), Maximum Thread Count (caption), Maximum_Threads_Count (attribute name), and MAXIMUMTHR (column name).

**Metadata Cache Flushes attribute**
The total number of user-mode metadata cache flushes since service started. The type is integer (32-bit counter).

The following names are defined for this attribute: METADATA_CACHE_FLUSHES or METADATACA (historical name), Metadata Cache Flushes (caption), Metadata_Cache_Flushes (attribute name), and METADATACA (column name).

**Metadata Cache Hits attribute**
The total number of successful lookups in the user-mode metadata cache since service started. The type is integer (32-bit counter).

The following names are defined for this attribute: METADATA_CACHE_HITS or METADATAC0 (historical name), Metadata Cache Hits (caption), Metadata_Cache_Hits (attribute name), and METADATAC0 (column name).

**Metadata Cache Hits Rate (per sec) attribute**
The rate of successful lookups in metadata cache during the last sample interval. The type is integer (32-bit gauge).

The following names are defined for this attribute: METADATA_CACHE_HITS_RATE or METADATAC1 (historical name), Metadata Cache Hits Rate (per sec) (caption), Metadata_Cache_Hits_Rate (attribute name), and METADATAC1 (column name).
Metadata Cache Misses attribute
The total number of unsuccessful lookups in the user-mode metadata cache since service started. The type is integer (32-bit counter).

The following names are defined for this attribute: METADATA_CACHE_MISSES or METADATAC2 (historical name), Metadata Cache Misses (caption), Metadata_Cache_Misses (attribute name), and METADATAC2 (column name).

Metadata Cache Misses Rate (per sec) attribute
The rate of unsuccessful lookups in metadata cache during the last sample interval. The type is integer (32-bit gauge).

The following names are defined for this attribute: METADATA_CACHE_MISSES_RATE or METADATAC3 (historical name), Metadata Cache Misses Rate (per sec) (caption), Metadata_Cache_Misses_Rate (attribute name), and METADATAC3 (column name).

Metadata Cached Rate (per sec) attribute
The rate of total number of metadata information blocks added to the user-mode cache per second. The type is integer (rate of change between successive values).

The following names are defined for this attribute: METADATA_CACHED_RATE or TOTALMETCR (historical name), Metadata Cached Rate (per sec) (caption), Metadata_Cached_Rate (attribute name), and TOTALMETCR (column name).

Name attribute
The name of application pool with worker process identifier (ID) for that worker process. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NAME (historical name), Name (caption), Name (attribute name), and NAME (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Output Cache Current Flushed Items attribute
The number of items that have been flushed from output cache but are still being used by outgoing responses and taking up memory. The type is integer (32-bit gauge).

The following names are defined for this attribute: OUTPUT_CACHE_CURRENT_FLUSHED_ITEMS or OUTPUTCACH (historical name), Output Cache Current Flushed Items (caption), Output_Cache_Curr_Flushed_Items (attribute name), and OUTPUTCACH (column name).

Output Cache Current Items attribute
The number of items currently present in output cache. The type is integer (32-bit gauge).

The following names are defined for this attribute: OUTPUT_CACHE_CURRENT_ITEMS or OUTPUTC0 (historical name), Output Cache Current Items (caption), Output_Cache_Curr_Items (attribute name), and OUTPUTC0 (column name).

Output Cache Current Memory Usage (KB) attribute
The current number of KB used by output cache. The type is integer (32-bit gauge).

The following names are defined for this attribute: OUTPUT_CACHE_CURRENT_MEMORY_USAGE_IN_KB or OUTPUTCAKB (historical name), Output Cache Current Memory Usage (KB) (caption), Output_Cache_Curr_Memory_Usage_In_KB (attribute name), and OUTPUTCAKB (column name).
Output Cache Flushed Items Rate (per sec) attribute
The rate of total number of items flushed from output cache per second. The type is integer (rate of change between successive values).

The following names are defined for this attribute: OUTPUT_CACHE_FLUSHED_ITEMS_RATE or OPCACFIR (historical name), Output Cache Flushed Items Rate (per sec) (caption), Output_Cache_Flushed_Items_Rate (attribute name), and OPCACFIR (column name).

Output Cache Flushes Rate (per sec) attribute
The rate of total number of flushes of output cache per second. The type is integer (rate of change between successive values).

The following names are defined for this attribute: OUTPUT_CACHE_FLUSHES_RATE or OUTPUTCAF (historical name), Output Cache Flushes Rate (per sec) (caption), Output_Cache_Flushes_Rate (attribute name), and OUTPUTCAF (column name).

Output Cache Hits Rate (per sec) attribute
The rate of successful lookups in output cache during the last sample interval. The type is integer (32-bit gauge).

The following names are defined for this attribute: OUTPUT_CACHE_HITS_RATE or OUTPUTCAC2 (historical name), Output Cache Hits Rate (per sec) (caption), Output_Cache_Hits_Rate (attribute name), and OUTPUTCAC2 (column name).

Output Cache Misses Rate (per sec) attribute
The rate of unsuccessful lookups in output cache during the last sample interval. The type is integer (32-bit gauge).

The following names are defined for this attribute: OUTPUT_CACHE_MISSES_RATE or OPCACMR (historical name), Output Cache Misses Rate (per sec) (caption), Output_Cache_Misses_Rate (attribute name), and OPCACMR (column name).

Output Cache Total Flushed Items attribute
The total number of items flushed from output cache since service started. The type is integer (32-bit counter).

The following names are defined for this attribute: OUTPUT_CACHE_TOTAL.Flushed_Items or OUTPUTCAC4 (historical name), Output Cache Total Flushed Items (caption), Output_Cache_Total_Flushed_Items (attribute name), and OUTPUTCAC4 (column name).

Output Cache Total Flushes attribute
The total number of flushes of output cache since service started. The type is integer (32-bit counter).

The following names are defined for this attribute: OUTPUT_CACHE_TOTAL.Flushes or OUTPUTCAC5 (historical name), Output Cache Total Flushed Items (caption), Output_Cache_Total_Flushes (attribute name), and OUTPUTCAC5 (column name).

Output Cache Total Hits attribute
The total number of successful lookups in output cache since service started. The type is integer (32-bit counter).

The following names are defined for this attribute: OUTPUT_CACHE_TOTAL.Hits or OUTPUTCAC6 (historical name), Output Cache Total Hits (caption), Output_Cache_Total_Hits (attribute name), and OUTPUTCAC6 (column name).

Output Cache Total Misses attribute
The total number of unsuccessful lookups in output cache since service started. The type is integer (32-bit counter).

The following names are defined for this attribute: OUTPUT_CACHE_TOTAL.Misses or OUTPUTCAC7 (historical name), Output Cache Total Misses (caption), Output_Cache_Total_Misses (attribute name), and OUTPUTCAC7 (column name).
**Request Rate (per sec) attribute**
The HTTP requests being processed by the worker process per second. The type is integer (32-bit gauge).

The following names are defined for this attribute: REQUESTS_RATE or REQUESTSPE (historical name), Request Rate (per sec) (caption), Requests_Rate (attribute name), and REQUESTSPE (column name).

**Threads Rate (per sec) attribute**
The rate of total number of threads available to process requests in the worker process per second. The type is integer (rate of change between successive values).

The following names are defined for this attribute: THREADS_RATE or TOTTHREAD (historical name), Threads Rate (per sec) (caption), Threads_Rate (attribute name), and TOTTHREAD (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**Total Files Cached attribute**
The total number of files whose contents were added to the user-mode cache since service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_FILES_CACHED or TOTALFILES (historical name), Total Files Cached (caption), Total_Files_Cached (attribute name), and TOTALFILES (column name).

**Total Flushed Files attribute**
The total number of file handles that have been removed from the user-mode cache since service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_FLUSHED_FILES or TOTALFLUSH (historical name), Total Flushed Files (caption), Total_Flushed_Files (attribute name), and TOTALFLUSH (column name).

**Total Flushed Metadata attribute**
The total number of metadata information blocks removed from the user-mode cache since service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_FLUSHED_METADATA or TOTALFLUS0 (historical name), Total Flushed Metadata (caption), Total_Flushed_Metadata (attribute name), and TOTALFLUS0 (column name).

**Total HTTP Requests Served attribute**
The total number of HTTP requests served by the worker process. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_HTTP_REQUESTS_SERVED or TOTALHTTPR (historical name), Total HTTP Requests Served (caption), Total_HTTP_Requests_Served (attribute name), and TOTALHTTPR (column name).

**Total Metadata Cached attribute**
The total number of metadata information blocks added to the user-mode cache since service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_METADATA_CACHED or TOTALMETAD (historical name), Total Metadata Cached (caption), Total_Metadata_Cached (attribute name), and TOTALMETAD (column name).
**Total Threads attribute**

The total number of threads available to process requests in the worker process. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_THREADS or TOTALTHREAD (historical name), Total Threads (caption), Total_Threads (attribute name), and TOTALTHREAD (column name).

**Websocket Active Reqs attribute**

The number of WebSocket requests that are currently active. The type is integer (32-bit gauge).

The following names are defined for this attribute: WEBSOCKET_ACTIVE_REQS or WEBSOCA (historical name), Websocket Active Reqs (caption), WebSocket_Active_Reqs (attribute name), and WEBSOCA (column name).

**Websocket Connection Attempts Rate (per sec) attribute**

The rate at which WebSocket connection attempts are processed by the worker process. The type is integer (32-bit gauge).

The following names are defined for this attribute: WEBSOCKET_CONNECTION_ATTEMPTS_RATE or WSOCCOA (historical name), Websocket Connection Attempts Rate (per sec) (caption), WebSocket_Connection_Attempts_Rate (attribute name), and WSOCCOA (column name).

**Websocket Connections Accepted (per sec) attribute**

The rate at which WebSocket connections are accepted. The type is integer (32-bit gauge).

The following names are defined for this attribute: WEBSOCKET_CONNECTIONS_ACCEPTED_PER_SEC or WESOCOA (historical name), Websocket Connections Accepted (per sec) (caption), WebSocket_Connections_Accepted_Per_Sec (attribute name), and WESOCOA (column name).

**Websocket Connections Rejected (per sec) attribute**

The rate at which WebSocket connections are rejected. The type is integer (32-bit gauge).

The following names are defined for this attribute: WEBSOCKET_CONNECTIONS_REJECTED_PER_SEC or WEBSOCR (historical name), Websocket Connections Rejected (per sec) (caption), WebSocket_Connections_Rejected_Per_Sec (attribute name), and WEBSOCR (column name).

**WAS W3WP data set**

This data set monitors a specific worker process.

This data set contains the following attributes:

**Active Listener Channels attribute**

The number of currently active listener channels in the worker process. The type is integer (32-bit gauge).

The following names are defined for this attribute: ACTIVE_LISTENER_CHANNELS or ACTIVELIST (historical name), Active Listener Channels (caption), Active.Listener.Channels (attribute name), and ACTIVELIST (column name).

**Active Protocol Handlers attribute**

The number of currently active protocol handlers in the worker process. The type is integer (32-bit gauge).

The following names are defined for this attribute: ACTIVE_PROTOCOL_HANDLERS or ACTIVEPROT (historical name), Active Protocol Handlers (caption), Active.Protocol.Handlers (attribute name), and ACTIVEPROT (column name).
Health Ping Rate (per sec) attribute
The rate of total number of health pings received by the process per second. The type is integer (rate of change between successive values).

The following names are defined for this attribute: HEALTH_PINGS_RATE or TOTHEALTH (historical name), Health Ping Rate (per sec) (caption), Health_Pings_Rate (attribute name), and TOTHEALTH (column name).

Health Ping Reply Latency attribute
The time, in 100-nanosecond intervals, taken by worker process to reply to last health ping. The type is integer (32-bit gauge).

The following names are defined for this attribute: HEALTH_PING_REPLY_LATENCY or HEALTHPING (historical name), Health Ping Reply Latency (caption), Health_Ping_Reply_Latency (attribute name), and HEALTHPING (column name).

Messages Sent to WAS Rate (per sec) attribute
The rate of total number of messages sent to Web admin service by the worker process per second. The type is integer (rate of change between successive values).

The following names are defined for this attribute: MESSAGES_SENT_TO_WAS_RATE or TOTALMESSARR (historical name), Messages Sent to WAS Rate (per sec) (caption), Messages_Sent_to_WAS_Rate (attribute name), and TOTALMESSARR (column name).

Name attribute
The name of application pool with worker process identifier (ID) for that worker process. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NAME (historical name), Name (caption), Name (attribute name), and NAME (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Requests Served Rate (per sec) attribute
The rate of total number of requests served by the worker process per second. The type is integer (rate of change between successive values).

The following names are defined for this attribute: REQUESTS_SERVED_RATE or TOTREQUERR (historical name), Requests Served Rate (per sec) (caption), Requests_Served_Rate (attribute name), and TOTREQUERR (column name).

Runtime Status Queries Rate (per sec) attribute
The rate of total number of runtime status queries received by the process per second. The type is integer (rate of change between successive values).

The following names are defined for this attribute: RUNTIME_STATUS_QUERIES_RATE or TOTRUNTIRR (historical name), Runtime Status Queries Rate (per sec) (caption), Runtime_Status_Queries_Rate (attribute name), and TOTRUNTIRR (column name).

Timestamp attribute
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Total Health Pings attribute
The total number of health pings received by the process. The type is integer (32-bit counter).
The following names are defined for this attribute: TOTAL_HEALTH_PINGS or TOTALHEALT (historical name), Total Health Pings (caption), Total_Health_Pings (attribute name), and TOTALHEALT (column name).

**Total Messages Sent to WAS attribute**
The total number of messages sent to Web admin service by the worker process. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_MESSAGES_SENT_TO_WAS or TOTALMESSA (historical name), Total Messages Sent to WAS (caption), Total_Messages_Sent_to_WAS (attribute name), and TOTALMESSA (column name).

**Total Requests Served attribute**
The total number of requests served by the worker process. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_REQUESTS_SERVED or TOTALREQUE (historical name), Total Requests Served (caption), Total_Requests_Served (attribute name), and TOTALREQUE (column name).

**Total Runtime Status Queries attribute**
The total number of runtime status queries received by the process. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_RUNTIME_STATUS_QUERIES or TOTALRUNTI (historical name), Total Runtime Status Queries (caption), Total_Runtime_Status_Queries (attribute name), and TOTALRUNTI (column name).

**Total WAS Messages Received attribute**
The total number of messages received by the worker process from Web admin service. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_WAS_MESSAGES_RECEIVED or TOTALWASME (historical name), Total WAS Messages Received (caption), Total_WAS_Messages_Received (attribute name), and TOTALWASME (column name).

**WAS Messages Received Rate (per sec) attribute**
The rate of total number of messages received by the worker process from Web admin service per second. The type is integer (rate of change between successive values).

The following names are defined for this attribute: WAS_MESSAGES_RECEIVED_RATE or TOTWASMERR (historical name), WAS Messages Received Rate (per sec) (caption), WAS_Messages_Received_Rate (attribute name), and TOTWASMERR (column name).

**Web Service data set**
This data set monitors the web service.

This data set contains the following attributes:

**% Current Anonymous Users attribute**
The percentage of users who currently have an anonymous request pending with the WWW service. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: PERCENT_CURRENT_ANONYMOUS_USERS or CURRAN_PR (historical name), % Current Anonymous Users (caption), Percent_Current_Anonymous_Users (attribute name), and CURRAN_PR (column name).

**% Current NonAnonymous Users attribute**
The percentage of users who currently have a nonanonymous request pending with the WWW service. The type is real number (32-bit gauge) with two decimal places of precision.
The following names are defined for this attribute:
PERCENT_CURRENT_NONANONYMOUS_USERS or CURRNAU_PR (historical name), %
Current NonAnonymous Users (caption), Percent_Current_NonAnonymous_Users (attribute
name), and CURRNAU_PR (column name).

% Total Anonymous Users attribute
The percentage of users who established an anonymous request since the WWW service
started. This attribute does not increment when files are served from the kernel cache. The type is
real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: PERCENT_TOTAL_ANONYMOUS_USERS or
TOT_ANONPR (historical name), % Total Anonymous Users (caption),
Percent_Total_Anonymous_Users (attribute name), and TOT_ANONPR (column name).

% Total NonAnonymous Users attribute
The percentage of users who made nonanonymous requests to the WWW service since the
service started. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: PERCENT_TOTAL_NONANONYMOUS_USERS or
TOT_NONAPR (historical name), % Total NonAnonymous Users (caption),
Percent_Total_NonAnonymous_Users (attribute name), and TOT_NONAPR (column name).

Anonymous Users Rate (per sec) attribute
The rate, in seconds, at which users made anonymous requests to the WWW service. The type is
real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: ANONYMOUS_USERS_RATE or
ANONYMOUS_ (historical name), Anonymous Users Rate (per sec) (caption),
Anonymous_Users_Rate (attribute name), and ANONYMOUS_ (column name).

CGI Requests Rate (per sec) attribute
The rate, in seconds, at which CGI requests are processed simultaneously by the WWW service.
The type is integer (32-bit gauge).

The following names are defined for this attribute: CGI_REQUESTS_RATE or CGI_REQUES
(historical name), CGI Requests Rate (per sec) (caption), CGI_Requests_Rate (attribute name), and
CGI_REQUES (column name).

Connection Attempts Rate (per sec) attribute
The rate, in seconds, at which connections are attempted to the WWW service. The type is real
number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: CONNECTION_ATTEMPTS_RATE or
CONNECTION (historical name), Connection Attempts Rate (per sec) (caption),
Connection_Attempts_Rate (attribute name), and CONNECTION (column name).

Current Anonymous Users attribute
The number of users who currently have an anonymous request pending with the WWW service.
The type is integer (32-bit gauge).

The following names are defined for this attribute: CURRENT_ANONYMOUS_USERS or
CURRENT_AN (historical name), Current Anonymous Users (caption),
Current_Anonymous_Users (attribute name), and CURRENT_AN (column name).

Current CGI Requests attribute
The number of CGI requests that are processed simultaneously by the WWW service. The type is
integer (32-bit gauge).

The following names are defined for this attribute: CURRENT_CGI_REQUESTS or
CURRENT_CG (historical name), Current CGI Requests (caption), Current_CGI_Requests
(attribute name), and CURRENT_CG (column name).
Current Connections attribute
The number of active connections to the WWW service. The type is integer (32-bit gauge).

The following names are defined for this attribute: CURRENT_CONNECTIONS or CURRENT_CO (historical name), Current Connections (caption), Current_Connections (attribute name), and CURRENT_CO (column name).

Current ISAPI Extension Requests attribute
The number of ISAPI extension requests that are processed simultaneously by the WWW service. The type is integer (32-bit gauge).

The following names are defined for this attribute: CURRENT_ISAPI_EXTENSIONREQUESTS or CURRENT_IS (historical name), Current ISAPI Extension Requests (caption), Current_ISAPI_Extension_Requests (attribute name), and CURRENT_IS (column name).

Current NonAnonymous Users attribute
The number of users who currently have a nonanonymous request pending with the WWW service. The type is integer (32-bit gauge).

The following names are defined for this attribute: CURRENT_NONANONYMOUS_USERS or CURRENT_NO (historical name), Current NonAnonymous Users (caption), Current_NonAnonymous_Users (attribute name), and CURRENT_NO (column name).

Files Rate (per sec) attribute
The rate, in seconds, at which files are sent and received by the WWW service. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: FILES_RATE or FILES_SEC (historical name), Files Rate (per sec) (caption), Files_Rate (attribute name), and FILES_SEC (column name).

Files Received Rate (per sec) attribute
The rate, in seconds, at which files are received by the WWW service. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: FILES_RECEIVED_RATE or FILES_RECE (historical name), Files Received Rate (per sec) (caption), Files_Received_Rate (attribute name), and FILES_RECE (column name).

Files Sent Rate (per sec) attribute
The rate, in seconds, at which files are sent. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: FILES_SENT_RATE or FILES_SENT (historical name), Files Sent Rate (per sec) (caption), Files_Sent_Rate (attribute name), and FILES_SENT (column name).

ISAPI Extension Requests Rate (per sec) attribute
The rate, in seconds, at which ISAPI extension requests are processed by the WWW service. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: ISAPI_EXTENSIONREQUESTS_RATE or ISAPI_EXTE (historical name), ISAPI Extension Requests Rate (per sec) (caption), ISAPI_Extension_Requests_Rate (attribute name), and ISAPI_EXTE (column name).

KB Received Rate (per sec) attribute
The rate in seconds, at which KB are received by the WWW service. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: KB_RECEIVED_RATE or KB_RECE_RT (historical name), KB Received Rate (per sec) (caption), KB_Received_Rate (attribute name), and KB_RECE_RT (column name).
KB Sent Rate (per sec) attribute
The rate, in seconds, at which KB are sent by the WWW service. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: KB_SENT_RATE or KB_SENT_RT (historical name), KB Sent Rate (per sec) (caption), KB_Sent_Rate (attribute name), and KB_SENT_RT (column name).

KB Total Rate (per sec) attribute
The sum of KB sent per second and received per second. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: KB_TOTAL_RATE or KB_TOTA_RT (historical name), KB Total Rate (per sec) (caption), KB_Total_Rate (attribute name), and KB_TOTA_RT (column name).

Locked Error Rate (per sec) attribute
The rate, in seconds, at which requests were not satisfied because the requested document was locked. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: LOCKED_ERRORS_RATE or LOCKED_ERR (historical name), Locked Error Rate (per sec) (caption), Locked_Errors_Rate (attribute name), and LOCKED_ERR (column name).

Logon Attempts Rate (per sec) attribute
The rate, in seconds, at which attempts were made to log on to the WWW service. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: LOGON_ATTEMPTS_RATE or LOGON_ATTE (historical name), Logon Attempts Rate (per sec) (caption), Logon_Attempts_Rate (attribute name), and LOGON_ATTE (column name).

Maximum Anonymous Users attribute
The maximum number of users who made concurrent anonymous requests to the WWW service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: MAXIMUM_ANONYMOUS_USERS or MAXIMUM_AN (historical name), Maximum Anonymous Users (caption), Maximum_Anonymous_Users (attribute name), and MAXIMUM_AN (column name).

Maximum CGI Requests attribute
The maximum number of CGI requests that are processed simultaneously by the WWW service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: MAXIMUM_CGI_REQUESTS or MAXIMUM_CG (historical name), Maximum CGI Requests (caption), Maximum_CGI_Requests (attribute name), and MAXIMUM_CG (column name).

Maximum Connections attribute
The maximum number of simultaneous connections made to the WWW service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: MAXIMUM_CONNECTIONS or MAXIMUM_CO (historical name), Maximum Connections (caption), Maximum_Connections (attribute name), and MAXIMUM_CO (column name).

Maximum ISAPI Extension Requests attribute
The maximum number of ISAPI extension requests that were processed simultaneously by the WWW service. The type is integer (32-bit gauge).

The following names are defined for this attribute: MAXIMUM_ISAPI_EXTENSION_REQUESTS or MAXIMUM_IS (historical name), Maximum ISAPI Extension Requests (caption), Maximum_ISAPI_Extension_Requests (attribute name), and MAXIMUM_IS (column name).
Maximum NonAnonymous Users attribute

The maximum number of users who made concurrent nonanonymous requests to the WWW service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: MAXIMUM_NONANONYMOUS_USERS or MAXIMUM_NO (historical name), Maximum NonAnonymous Users (caption), Maximum_NonAnonymous_Users (attribute name), and MAXIMUM_NO (column name).

Name attribute

The name of the instance. This attribute is a key attribute. The type is String.

The following names are defined for this attribute: NAME (historical name), Name (caption), Name (attribute name), and NAME (column name).

Node attribute

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

NonAnonymous Users Rate (per sec) attribute

The rate, in seconds, at which users made nonanonymous requests to the WWW service. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: NONANONYMOUS_USERS_RATE or NONANONYMO (historical name), NonAnonymous Users Rate (per sec) (caption), NonAnonymous_Users_Rate (attribute name), and NONANONYMO (column name).

Not Found Error Rate (per sec) attribute

The rate, in seconds, at which requests were not satisfied by the server because the requested document was not found. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: NOT_FOUND_ERRORS_RATE or NOT_FOUND_ (historical name), Not Found Error Rate (per sec) (caption), Not_Found_Errors_Rate (attribute name), and NOT_FOUND_ (column name).

Other Request Methods Rate (per sec) attribute

The rate, in seconds, at which HTTP requests that do not use the methods listed for the Total Other Requests Methods attribute are made to the WWW service. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: OTHER_REQUEST_METHODS_RATE or OTHER_REQUESTS_RATE (historical name), Other Request Methods Rate (per sec) (caption), Other_Request_Methods_Rate (attribute name), and OTHER_REQUEST (column name).

Timestamp attribute

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Total Anonymous Users attribute

The number of users who have established an anonymous request since the WWW service started. This attribute does not increment when files are served from the kernel cache. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_ANONYMOUS_USERS or TOTAL_ANON (historical name), Total Anonymous Users (caption), Total_Anonymous_Users (attribute name), and TOTAL_ANON (column name).

Total CGI Requests attribute

The number of all CGI requests that are made since the WWW service started. The type is integer (32-bit counter).
The following names are defined for this attribute: TOTAL_CGI_REQUESTS or TOTAL_CGI_REQUESTS (historical name), Total CGI Requests (caption), Total_CGI_Requests (attribute name), and TOTAL_CGI_REQUESTS (column name).

**Total Connection Attempts (all Instances) attribute**
The number of connections attempted to the WWW service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_CONNECTION_ATTEMPTS or TOTAL_CONN (historical name), Total Connection Attempts (all Instances) (caption), Total_Connection_Attempts (attribute name), and TOTAL_CONN (column name).

**Total Files Received attribute**
The number of files that are received by the WWW service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_FILES_RECEIVED or TOTAL_FILE (historical name), Total Files Received (caption), Total_Files_Received (attribute name), and TOTAL_FILE (column name).

**Total Files Sent attribute**
The number of user-mode files that are sent by the WWW service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_FILES_SENT or TOTAL_FIL0 (historical name), Total Files Sent (caption), Total_Files_Sent (attribute name), and TOTAL_FILE (column name).

**Total Files Transferred attribute**
The sum of total files sent and received by the WWW service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_FILES_TRANSFERRED or TOTAL_FIL1 (historical name), Total Files Transferred (caption), Total_Files_Transferred (attribute name), and TOTAL_FIL1 (column name).

**Total ISAPI Extension Requests attribute**
The number of ISAPI extension requests that are made since the WWW service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_ISAPI_EXTENSION_REQUESTS or TOTAL_ISAP (historical name), Total ISAPI Extension Requests (caption), Total_ISAPI_Extension_Requests (attribute name), and TOTAL_ISAP (column name).

**Total KB Received attribute**
This attribute is the 64-bit version of Total_KB_Received (Superseded) which signifies the total KB of data that are received by the WWW service since the service started. The type is real number (64-bit counter).

The following names are defined for this attribute: TOTAL_KBYTES_RECEIVED_64 or TOTAL_KBYTES_RECEIVED_64 (historical name), Total KB Received (caption), Total_KBytes_Received_64 (attribute name), and TOTAL_KR64 (column name).

**Total KB Received (Superseded) attribute**
The total KB of data that is received by the World Wide Web service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_KBYTES_RECEIVED or TOTAL_KBYTES_RECEIVED (historical name), Total KB Received (Superseded) (caption), Total_KBytes_Received (attribute name), and TOTAL_KBRV (column name).
Total KB Sent attribute
This attribute is the 64-bit version of Total KB\Sent (Superseded) which signifies the number of KB that are sent by the WWW service since the service started. The type is real number (64-bit counter).

The following names are defined for this attribute: TOTAL_KBYTES_SENT_64 or TOTAL_KBYTES_SENT (historical name), Total KB Sent (caption), Total_KBytes_Sent_64 (attribute name), and TOTAL_KBYTES_SENT (column name).

Total KB Sent (Superseded) attribute
The total KB of data that is sent by the World Wide Web service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_KBYTES_SENT or TOTAL_KBYTES_SENT (historical name), Total KB Sent (Superseded) (caption), Total_KBytes_Sent (attribute name), and TOTAL_KBYTES_SENT (column name).

Total KB Transferred attribute
This attribute is the 64-bit version of Total KB\Transferred (Superseded) which is the sum of total KB of data that are sent and received by the WWW service since the service started. The type is real number (64-bit counter).

The following names are defined for this attribute: TOTAL_KBYTES_TRANSFERED_64 or TOTAL_KBYTES_TRANSFERED (historical name), Total KB Transferred (caption), Total_KBytes_Transferred_64 (attribute name), and TOTAL_KBYTES_TRANSFERED (column name).

Total KB Transferred (Superseded) attribute
The total number of KB of data that are sent and received by the WWW service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_KBYTES_TRANSFERED or TOTAL_KBYTES_TRANSFERED (historical name), Total KB Transferred (Superseded) (caption), Total_KBytes_Transferred (attribute name), and TOTAL_KBYTES_TRANSFERED (column name).

Total Locked Errors attribute
The number of requests that are made since the service started, but not satisfied by the server because the requested document was locked. This is usually reported as HTTP error 423. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_LOCKED_ERRORS or TOTAL_LOCKED_ERRORS (historical name), Total Locked Errors (caption), Total_Locked_Errors (attribute name), and TOTAL_LOCKED_ERRORS (column name).

Total Logon Attempts attribute
The number of attempts made to log on to the WWW service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_LOGON_ATTEMPTS or TOTAL_LOGON_ATTEMPTS (historical name), Total Logon Attempts (caption), Total_Logon_Attempts (attribute name), and TOTAL_LOGON_ATTEMPTS (column name).

Total Method Requests attribute
The number of HTTP requests that are made since the WWW service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_METHOD_REQUESTS or TOTAL_METHOD_REQUESTS (historical name), Total Method Requests (caption), Total_Method_Requests (attribute name), and TOTAL_METHOD_REQUESTS (column name).

Total Method Requests Rate (per sec) attribute
The rate, in seconds, at which all HTTP requests are received. The type is real number (32-bit gauge) with two decimal places of precision.
The following names are defined for this attribute: TOTAL_METHOD_REQUESTS_RATE or TOTAL_METHOD_REQUESTS_RATE (per sec) (caption), Total_Method_Requests_Rate (attribute name), and TOTAL_METHOD_REQUESTS_RATE (column name).

**Total NonAnonymous Users attribute**
The number of users who made nonanonymous requests to the WWW service since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_NONANONYMOUS_USERS or TOTAL_NONA (historical name), Total_NONANONYMOUS_USERS (caption), Total_NONANONYMOUS_USERS (attribute name), and TOTAL_NONA (column name).

**Total Not Found Errors attribute**
The number of requests that are made since the service started, but not satisfied by the server because the requested document was not found. This is usually reported as HTTP error 404. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_NOT_FOUND_ERRORS or TOTAL_NOT_ (historical name), Total_NOT_FOUND_ERRORS (caption), Total_NOT_FOUND_ERRORS (attribute name), and TOTAL_NOT_ (column name).

**Total Other Request Methods attribute**
The number of HTTP requests that did not use the OPTIONS, GET, HEAD, POST, PUT, DELETE, TRACE, MOVE, COPY, MKCOL, PROPFIND, PROPPATCH, SEARCH, LOCK, or UNLOCK methods since the WWW service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_OTHER_REQUEST_METHODS or TOTAL_OTHE (historical name), Total_OTHER_REQUEST_METHODS (caption), Total_OTHER_REQUEST_METHODS (attribute name), and TOTAL_OTHE (column name).

**Total Requests Rate (per sec) attribute**
The rate, in seconds, at which all the HTTP requests are received. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: TOTAL_REQUESTS_RATE or TOTAL_REQUESTS_RATE (per sec) (caption), TOTAL_REQUESTS_RATE (attribute name), and TOTAL_REQUESTS_RATE (column name).

**Web Service Uptime (hrs) attribute**
The amount of time, in hours, that the WWW service is running. The type is real number (32-bit counter) with two decimal places of precision.

The following names are defined for this attribute: WEB_SERVICE_UPTIME_IN_HRS or WEB_SERVICE_UPTIME_IN_HRS (historical name), WEB_SERVICE_UPTIME_IN_HRS (caption), WEB_SERVICE_UPTIME_IN_HRS (attribute name), and WEB_SERVICE_UPTIME_IN_HRS (column name).

**Web Service Cache data set**
This data set monitors web service cache.

This data set contains the following attributes:

**Active Flushed Entries attribute**
The file handles cached in user-mode that will be closed when all current transfers complete. The type is integer (32-bit gauge).

The following names are defined for this attribute: ACTIVE_FLUSHED_ENTRIES or ACTIVE_FLUSHED_ENTRIES (historical name), ACTIVE_FLUSHED_ENTRIES (caption), ACTIVE_FLUSHED_ENTRIES (attribute name), and ACTIVE_FLUSHED_ENTRIES (column name).

**Current File Cache Memory Usage (KB) attribute**
The current number of KB that are used for the user-mode file cache. The type is real number (32-bit gauge) with two decimal places of precision.
The following names are defined for this attribute:
CURRENT_FILE_CACHE_MEMORY_USAGE_IN_KB or CURR_MUKB (historical name), Current File Cache Memory Usage (KB) (caption), Current_File_Cache_Memory_Usage_In_KB (attribute name), and CURR_MUKB (column name).

**Current Files Cached attribute**
The current number of files that are in the user-mode cache. The type is integer (32-bit gauge).

The following names are defined for this attribute: CURRENT_FILES_CACHED or CURRENT_F0 (historical name), Current Files Cached (caption), Current_Files_Cached (attribute name), and CURRENT_F0 (column name).

**Current Metadata Cached attribute**
The number of metadata information blocks that are currently in the user-mode cache. The type is integer (32-bit gauge).

The following names are defined for this attribute: CURRENT_METADATA_CACHED or CURRENT_ME (historical name), Current Metadata Cached (caption), Current_Metadata_Cached (attribute name), and CURRENT_ME (column name).

**File Cache Flushes attribute**
The number of files that were removed from the user-mode cache since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: FILE_CACHE_FLUSHES or FILE_CACHE (historical name), File Cache Flushes (caption), File_Cache_Flushes (attribute name), and FILE_CACHE (column name).

**File Cache Hits attribute**
The number of successful lookups in the user-mode file cache that occurred since the WWW service started. The type is integer (32-bit counter).

The following names are defined for this attribute: FILE_CACHE_HITS or FILE_CACH0 (historical name), File Cache Hits (caption), File_Cache_Hits (attribute name), and FILE_CACH0 (column name).

**File Cache Hits % attribute**
The ratio of user-mode file cache hits to total cache requests since the service started. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: FILE_CACHE_HITS_PERCENT or FILE_CACH1 (historical name), File Cache Hits % (caption), File_Cache_Hits_Percent (attribute name), and FILE_CACH1 (column name).

**File Cache Misses attribute**
The total number of unsuccessful lookups in the user-mode file cache since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: FILE_CACHE_MISSES or FILE_CACH2 (historical name), File Cache Misses (caption), File_Cache_Misses (attribute name), and FILE_CACH2 (column name).

**Maximum File Cache Memory Usage (KB) attribute**
The maximum number of KB that are used for user-mode file cache since the service started. The type is real number (32-bit counter) with two decimal places of precision.

The following names are defined for this attribute: MAXIMUM_FILE_CACHE_MEMORY_USAGE_IN_KB or MAXIMU_KB (historical name), Maximum File Cache Memory Usage (KB) (caption), Maximum_File_Cache_Memory_Usage_In_KB (attribute name), and MAXIMU_KB (column name).
Metadata Cache Flushes attribute
The number of user-mode metadata cache flushes since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: METADATA_CACHE_FLUSHES or METADATA_C (historical name), Metadata Cache Flashes (caption), Metadata_Cache_Flushes (attribute name), and METADATA_C (column name).

Metadata Cache Hits attribute
The number of successful lookups in the user-mode metadata cache that occurred since the WWW service started. The type is integer (32-bit counter).

The following names are defined for this attribute: METADATA_CACHE_HITS or METADATA_0 (historical name), Metadata Cache Hits (caption), Metadata_Cache_Hits (attribute name), and METADATA_0 (column name).

Metadata Cache Hits % attribute
The ratio of user-mode metadata cache hits to total cache requests since the service started. The type is real number (32-bit gauge) with two decimal places of precision.

The following names are defined for this attribute: METADATA_CACHE_HITS_PERCENT or METADATA_1 (historical name), Metadata Cache Hits % (caption), Metadata_Cache_Hits_Percent (attribute name), and METADATA_1 (column name).

Metadata Cache Misses attribute
The total number of unsuccessful lookups in the user-mode metadata cache since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: METADATA_CACHE_MISSES or METADATA_2 (historical name), Metadata Cache Misses (caption), Metadata_Cache_Misses (attribute name), and METADATA_2 (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Timestamp attribute
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Total Files Cached attribute
The total number of files that are added to the user-mode cache since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_FILES_CACHED or TOTAL_FILE (historical name), Total Files Cached (caption), Total_Files_Cached (attribute name), and TOTAL_FILE (column name).

Total Flushed Files attribute
The number of file handles that are removed from the user-mode cache since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_FLUSHED_FILES or TOTAL_FLUS (historical name), Total Flushed Files (caption), Total_Flushed_Files (attribute name), and TOTAL_FLUS (column name).

Total Flushed Metadata attribute
The number of metadata information blocks that are removed from the user-mode cache since the service started. The type is integer (32-bit counter).
The following names are defined for this attribute: TOTAL_FLUSHED_METADATA or TOTAL_FLUSHED_METADATA (historical name), Total Flushed Metadata (caption), Total_Flushed_Metadata (attribute name), and TOTAL_FLUSHED_METADATA (column name).

Total Metadata Cached attribute
The total number of metadata information blocks that are added to the user-mode cache since the service started. The type is integer (32-bit counter).

The following names are defined for this attribute: TOTAL_METADATA_CACHED or TOTAL_METADATA_CACHED (historical name), Total Metadata Cached (caption), Total_Metadata_Cached (attribute name), and TOTAL_METADATA_CACHED (column name).

Web Service Extensions Restricted List data set
This data set displays information about all available web service extensions for Microsoft IIS.

This data set contains the following attributes:

Allow/Deny Flag attribute
Status of web service extension. The type is integer with enumerated values. The following values are defined: ALLOW (1), DENY (0). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: ALLOW_DENY_FLAG or ENABLE (historical name), Allow/Deny Flag (caption), Allow_Deny_Flag (attribute name), and ENABLE (column name).

Description attribute
Localizable description of the server extension. The type is string.

The following names are defined for this attribute: DESCRIPTION or DESCRIPTIO (historical name), Description (caption), Description (attribute name), and DESCRIPTIO (column name).

Group ID attribute
Non-localizable string used to identify groups of extensions. The type is string.

The following names are defined for this attribute: GROUP_ID or GID (historical name), Group_ID (caption), Group_ID (attribute name), and GID (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Physical Path attribute
The full path to the extension. If the last three characters of the physical path are DLL (case insensitive), then the extension is ISAPI, otherwise it is CGI. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: PHYSICAL_PATH or LIBPATH (historical name), Physical Path (caption), Physical_Path (attribute name), and LIBPATH (column name).

Removable attribute
Indicates whether the server administrator is allowed to delete the extension from IIS Manager. The type is integer with enumerated values. The following values are defined: CAN UNINSTALL IISMGR (1), CANT UNINSTALL IISMGR (0). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: REMOVABLE or STATUS (historical name), Removable (caption), Removable (attribute name), and STATUS (column name).

Timestamp attribute
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**Website Certificate Details data set**

This data set displays the details of the website certificate that is installed for each Microsoft IIS website. This data set is applicable for IIS 7.x and later.

This data set contains the following attributes:

**Days Remaining attribute**

The number of days remaining before the website certificate expires. The type is integer with enumerated values. The following values are defined: Already Expired (-1). Any value that does not have a definition here is displayed in the User Interface.

The following names are defined for this attribute: DAYS_REMAINING or DAY REM (historical name), Days Remaining (caption), Days_Remaining (attribute name), and DAY REM (column name).

**Expiry Date attribute**

The expiry date of the website certificate. The type is string.

The following names are defined for this attribute: EXPIRY_DATE or EXP_DATE (historical name), Expiry Date (caption), Expiry_Date (attribute name), and EXP_DATE (column name).

**Issued By attribute**

The name of the website certification authority. The type is string.

The following names are defined for this attribute: ISSUED_BY or ISSUE_BY (historical name), Issued By (caption), Issued_By (attribute name), and ISSUE_BY (column name).

**Issued To attribute**

The users, organizations, or the servers to which the website certificate is issued. The type is string.

The following names are defined for this attribute: ISSUED_TO or ISSUE_TO (historical name), Issued To (caption), Issued_To (attribute name), and ISSUE_TO (column name).

**Node attribute**

The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**SSL Certificate Friendly Name attribute**

Friendly name of the SSL certificate. The type is string.

The following names are defined for this attribute: SSL_CERTIFICATE_FRIENDLY_NAME or SSLFNAM (historical name), SSL Certificate Friendly Name (caption), SSL_Certificate_Friendly_Name (attribute name), and SSLFNAM (column name).

**SSL Ports attribute**

Ports on which the SSL certificate is applied. The type is string.

The following names are defined for this attribute: SSL_PORTS or PORTS (historical name), SSL Ports (caption), SSL_Ports (attribute name), and PORTS (column name).

**Timestamp attribute**

The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**WebSite Name attribute**

The name of the website. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: WEBSITE_NAME or SITE_NAME (historical name), WebSite Name (caption), Website_Name (attribute name), and SITE_NAME (column name).

**Website Dynamic IP and Domain Restrictions data set**
This data set provides information about the IP and domain restrictions that are applied on a website. This data set is applicable for IIS 7.x and later.

This data set contains the following attributes:

**Allowed Domain attribute**
The domain names that are allowed to access the website. The type is string.
The following names are defined for this attribute: ALLOWED_DOMAIN or ALLOWDOM (historical name), Allowed Domain (caption), Allowed_Domain (attribute name), and ALLOWDOM (column name).

**Allowed IP Range attribute**
The ranges of IP addresses that are allowed to access the website. The format of the value is IP address(Subnet Mask). The type is string.
The following names are defined for this attribute: ALLOWED_IP_RANGE or ALLOWIPR (historical name), Allowed IP Range (caption), Allowed_IP_Range (attribute name), and ALLOWIPR (column name).

**Allowed Specific IP attribute**
The IP addresses that are allowed to access the website. The type is string.
The following names are defined for this attribute: ALLOWED_SPECIFIC_IP or ALLOWIP (historical name), Allowed Specific IP (caption), Allowed_Specific_IP (attribute name), and ALLOWIP (column name).

**Denied Domain attribute**
The domain names that are not allowed to access the website. The type is string.
The following names are defined for this attribute: DENIED_DOMAIN or DENYDOM (historical name), Denied Domain (caption), Denied_Domain (attribute name), and DENYDOM (column name).

**Denied IP Range attribute**
The ranges of IP addresses that are not allowed to access the website. The format of the value is IP address(Subnet Mask). The type is string.
The following names are defined for this attribute: DENIED_IP_RANGE or DENYIPR (historical name), Denied IP Range (caption), Denied_IP_Range (attribute name), and DENYIPR (column name).

**Denied Specific IP attribute**
The IP addresses that are not allowed to access the website. The type is string.
The following names are defined for this attribute: DENIED_SPECIFIC_IP or DENYIP (historical name), Denied Specific IP (caption), Denied_Specific_IP (attribute name), and DENYIP (column name).

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**Website Name attribute**

The name of the website. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: WEBSITE_NAME or NAME (historical name), Website Name (caption), Website_Name (attribute name), and NAME (column name).

**Website Dynamic IP Restrictions Settings data set**

This data set provides information about the configuration of dynamic IP restrictions that are applied to a website. This data set is applicable for IIS 7.x and later.

This data set contains the following attributes:

**Deny IP Address (Number of Concurrent Reqs) attribute**

Indicates whether the website is configured to deny the requests that arrive after the number of concurrent requests has reached the maximum limit. The type is string.

The following names are defined for this attribute:
DENY_IP_ADDRESS_NUMBER_OF_CONCURRENT_REQS or ACCUNCL (historical name), Deny IP Address (Number of Concurrent Req) (caption), Deny_IP_Address_Number_of_Concurrent_Reqs (attribute name), and ACCUNCL (column name).

**Deny IP Address (Number of Reqs Over a Duration) attribute**

Indicates whether the website is configured to deny the requests that arrive after the number of requests over a duration (in milliseconds) exceeds the maximum limit. The type is string.

The following names are defined for this attribute:
DENY_IP_ADDRESS_NUMBER_OF_REQS_OVER_A_DURATION or ENPRMO (historical name), Deny IP Address (Number of Req Over a Duration) (caption), Deny_IP_Address_Number_of_Reqs_Over_a_Duration (attribute name), and ENPRMO (column name).

**Enable Logging Only Mode attribute**

Indicates that an event is logged if the number of requests from an IP address exceeds the maximum number of concurrent requests or the number of requests over a duration. The type is string.

The following names are defined for this attribute: ENABLE_LOGGING_ONLY_MODE or ENLOMO (historical name), Enable Logging Only Mode (caption), Enable_Logging_Only_Mode (attribute name), and ENLOMO (column name).

**Max Number of Concurrent Allowed Reqs attribute**

The maximum number of concurrent requests that are allowed from an IP address. The type is integer (32-bit numeric property).

The following names are defined for this attribute:
MAX_NUMBER_OF_CONCURRENT_ALLOWED_REQS or ENDNRE (historical name), Max Number of Concurrent Allowed Reqs (caption), Max_Number_of_Concurrent_Allowed_Reqs (attribute name), and ENDNRE (column name).

**Max Number of Reqs Over a Duration (in ms) attribute**

The maximum number of requests that are allowed from an IP address over a specified duration. The type is string.

The following names are defined for this attribute:
MAX_NUMBER_OF_REQS_OVER_A_DURATION_IN_MS or DEACTY (historical name), Max Number of Req Over a Duration (in ms) (caption), Max_Number_of_Reqs_Over_a_Duration_in_ms (attribute name), and DEACTY (column name).
Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Timestamp attribute
The local time at the agent when the data was collected. The type is string.
The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

Website Name attribute
The name of the website. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: WEBSITE_NAME or NAME (historical name), Website Name (caption), Website_Name (attribute name), and NAME (column name).

Website IP and Domain Restrictions Settings data set
This data set provides information about the configuration of the IP and domain restrictions that are applied to a website. This data set is applicable for IIS 7.x and later.

This data set contains the following attributes:

Access for Unspecified Clients attribute
Indicates whether access is to be allowed or denied to the clients that are not specified by any rule. The type is integer with enumerated values. The following values are defined: Allow (1), Deny (2). Any value that does not have a definition here is displayed in the User Interface.
The following names are defined for this attribute: ACCESS_FOR_UNSPECIFIED_CLIENTS or ACCUNCL (historical name), Access for Unspecified Clients (caption), Access_for_Unspecified_Clients (attribute name), and ACCUNCL (column name).

Deny Action Type attribute
This attribute specifies the action to be taken when a request is denied. The type is string.
The following names are defined for this attribute: DENY_ACTION_TYPE or DEACTY (historical name), Deny Action Type (caption), Deny_Action_Type (attribute name), and DEACTY (column name).

Domain Name Restrictions attribute
Indicates whether access for an incoming request is to be allowed or denied based on the domain name. The type is string.
The following names are defined for this attribute: DOMAIN_NAME_RESTRICTIONS or ENDNRE (historical name), Domain Name Restrictions (caption), Domain_Name_Restrictions (attribute name), and ENDNRE (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.
The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Proxy Mode attribute
This attribute helps administrators to determine the client IP address and the requests that contain the X-Forwarded-For HTTP header to identify the requests that must be blocked. The type is string.
The following names are defined for this attribute: PROXY_MODE or ENPRMO (historical name), Proxy Mode (caption), Proxy_Mode (attribute name), and ENPRMO (column name).
**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**Website Name attribute**
The name of the website. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: WEBSITE_NAME or NAME (historical name), Website Name (caption), Website_Name (attribute name), and NAME (column name).

**Website Virtual Dir Details data set**
This data set displays the details of the website virtual directory.

This data set contains the following attributes:

**Application Pool Name attribute**
The name of the application pool. The type is string.

The following names are defined for this attribute: APP_POOL_NAME or APPPOOL (historical name), Application Pool Name (caption), App_Pool_Name (attribute name), and APPPOOL (column name).

**Directory Path attribute**
The path of the directory that is available either on a local server or a remote server to which the virtual directory is mapped. The type is string.

The following names are defined for this attribute: DIR_PATH or VIRDIRPATH (historical name), Directory Path (caption), Dir_Path (attribute name), and VIRDIRPATH (column name).

**Node attribute**
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

**Timestamp attribute**
The local time at the agent when the data was collected. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**Virtual Directory Name attribute**
The name of the website virtual directory. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: VIRTUAL_DIR_NAME or NAME (historical name), Virtual Directory Name (caption), Virtual_Dir_Name (attribute name), and NAME (column name).

**Websites W3C Logs data set**
This data set shows information about incoming requests that are logged by http.sys kernel in u_ex{date}.log file in unicode W3C log format for each websites.

This data set contains the following attributes:

**Bytes Received attribute**
The number of bytes that the server received. The type is string.

The following names are defined for this attribute: BYTES_RECEIVED or BYTERECE (historical name), Bytes Received (caption), Bytes_Received (attribute name), and BYTERECE (column name).
Bytes Sent attribute
The number of bytes that the server sent. The type is string.

The following names are defined for this attribute: BYTES_SENT or BYTES_SENT (historical name), Bytes Sent (caption), Bytes_Sent (attribute name), and BYTES_SENT (column name).

Client IP Address attribute
The IP address of the client that made the request. The type is string.

The following names are defined for this attribute: CLIENT_IP_ADDRESS or CLIENTIP (historical name), Client IP Address (caption), Client_IP_Address (attribute name), and CLIENTIP (column name).

Cookie attribute
The content of the cookie sent or received, if any. The type is string.

The following names are defined for this attribute: COOKIE (historical name), Cookie (caption), Cookie (attribute name), and COOKIE (column name).

Date attribute
The date on which the activity occurred. The type is string.

The following names are defined for this attribute: DATE (historical name), Date (caption), Date (attribute name), and DATE (column name).

Host attribute
The host header name, if any. The type is string.

The following names are defined for this attribute: HOST (historical name), Host (caption), Host (attribute name), and HOST (column name).

HTTP Status attribute
The HTTP status code. The type is string.

The following names are defined for this attribute: HTTP_STATUS or HTTPSTAT (historical name), HTTP Status (caption), HTTP_Status (attribute name), and HTTPSTAT (column name).

Method attribute
The requested action, for example, a GET method. The type is string.

The following names are defined for this attribute: METHOD (historical name), Method (caption), Method (attribute name), and METHOD (column name).

Node attribute
The managed system name of the agent. This attribute is a key attribute. The type is string.

The following names are defined for this attribute: NODE (historical name), Node (caption), ORIGINNODE (attribute name), and ORIGINNODE (column name).

Protocol Substatus attribute
The substatus error code. The type is string.

The following names are defined for this attribute: PROTOCOL_SUBSTATUS or PROTOCOL_SUBSTATUS (historical name), Protocol Substatus (caption), Protocol_Substatus (attribute name), and PROTOCOL_SUBSTATUS (column name).

Protocol Version attribute
The protocol version HTTP or FTP that the client used. The type is string.

The following names are defined for this attribute: PROTOCOL_VERSION or PROTOCOL_VERSION (historical name), Protocol Version (caption), Protocol_Version (attribute name), and PROTOCOL_VERSION (column name).

Referrer attribute
The site that the user last visited. This site provided a link to the current site. The type is string.
The following names are defined for this attribute: REFERRER or REFERR (historical name), Referrer (caption), Referrer (attribute name), and REFERR (column name).

**Server IP Address attribute**

The IP address of the server on which the log file entry was generated. The type is string.

The following names are defined for this attribute: SERVER_IP_ADDRESS or SERVERIP (historical name), Server IP Address (caption), Server_IP_Address (attribute name), and SERVERIP (column name).

**Server Name attribute**

The name of the server on which the log file entry was generated. The type is string.

The following names are defined for this attribute: SERVER_NAME or SRVRNAME (historical name), Server Name (caption), Server_Name (attribute name), and SRVRNAME (column name).

**Server Port attribute**

The server port number that is configured for the service. The type is string.

The following names are defined for this attribute: SERVER_PORT or SRVRPORT (historical name), Server Port (caption), Server_Port (attribute name), and SRVRPORT (column name).

**Service Name and Instance Number attribute**

The Internet service name and instance number that was running on the client. The type is string.

The following names are defined for this attribute: SERVICE_NAME_AND_INSTANCE_NUMBER or SRVNAME (historical name), Service Name and Instance Number (caption), Service_Name_and_Instance_Number (attribute name), and SRVNAME (column name).

**Time attribute**

The time, in coordinated universal time (UTC), at which the activity occurred. The type is string.

The following names are defined for this attribute: TIME (historical name), Time (caption), Time (attribute name), and TIME (column name).

**Time Taken attribute**

The length of time that the action took, in milliseconds. The type is string.

The following names are defined for this attribute: TIME_TAKEN or TIMETAKE (historical name), Time Taken (caption), Time_Taken (attribute name), and TIMETAKE (column name).

**Timestamp attribute**

The time the event was generated. The type is string.

The following names are defined for this attribute: TIMESTAMP (historical name), Timestamp (caption), Timestamp (attribute name), and TIMESTAMP (column name).

**URI Query attribute**

The query, if any, that the client was trying to perform. A Universal Resource Identifier (URI) query is necessary only for dynamic pages. The type is string.

The following names are defined for this attribute: URL_QUERY or URIQUERY (historical name), URI Query (caption), URI_Query (attribute name), and URIQUERY (column name).

**URI Stem attribute**

The target of the action, for example, Default.htm. The type is string.

The following names are defined for this attribute: URI_STEM or URISTEM (historical name), URI Stem (caption), URI_Stem (attribute name), and URISTEM (column name).

**User Agent attribute**

The browser type that the client used. The type is string.

The following names are defined for this attribute: USER_AGENT or USERAGNT (historical name), User Agent (caption), User_Agent (attribute name), and USERAGNT (column name).
User Name attribute
   The name of the authenticated user who accessed your server. Anonymous users are indicated by a hyphen. The type is string.

   The following names are defined for this attribute: USER_NAME or USERNAM (historical name), User Name (caption), User_Name (attribute name), and USERNAM (column name).

Win32 Status attribute
   The Windows status code. The type is string.

   The following names are defined for this attribute: WIN32_STATUS or WINSTAT (historical name), Win32 Status (caption), Win32_Status (attribute name), and WINSTAT (column name).
Accessibility features

Accessibility features assist users who have a disability, such as restricted mobility or limited vision, to use information technology content successfully.

Accessibility features

The web-based interface of IBM Cloud Application Performance Management is the Cloud APM console. The console includes the following major accessibility features:

- Enables users to use assistive technologies, such as screen-reader software and digital speech synthesizer, to hear what is displayed on the screen. Consult the product documentation of the assistive technology for details on using those technologies with this product.
- Enables users to operate specific or equivalent features using only the keyboard.
- Communicates all information independently of color.

The Cloud APM console uses the latest W3C Standard, WAI-ARIA 1.0, US Section 508, and Web Content Accessibility Guidelines (WCAG) 2.0. To take advantage of accessibility features, use the latest release of your screen reader in combination with the latest web browser that is supported by this product.

The Cloud APM console online product documentation in IBM Knowledge Center is enabled for accessibility. The accessibility features of IBM Knowledge Center are described at IBM Knowledge Center release notes.

Keyboard navigation

This product uses standard navigation keys.

Interface information

The Cloud APM console web user interface does not rely on cascading style sheets to render content properly and to provide a usable experience. However, the product documentation does rely on cascading style sheets. IBM Knowledge Center provides an equivalent way for low-vision users to use their custom display settings, including high-contrast mode. You can control font size by using the device or browser settings.

The Cloud APM console web user interface includes WAI-ARIA navigational landmarks that you can use to quickly navigate to functional areas in the application.

The Cloud APM console user interface does not have content that flashes 2 - 55 times per second.

Related accessibility information

In addition to standard IBM help desk and support websites, IBM has established a TTY telephone service for use by deaf or hard of hearing customers to access sales and support services:

TTY service 800-IBM-3383 (800-426-3383) (within North America)

1. Exceptions include some of the Agent Configuration pages and historical line charts in the Cloud APM console.
2. Exceptions include some Agent Configuration pages of the Cloud APM console.

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IBM and accessibility

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