

## **BMC® Performance Manager Monitoring Studio by Sentry Software™**

**Version 8.5.00**

**June, 2007**

Sentry Software™ is releasing version 8.5.00 of BMC® Performance Manager Monitoring Studio. These release notes provide information about the enhancements and resolved issues in this release. The information in this document supplements and supersedes information in the Monitoring Studio product documents.

The following topics are discussed:

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# What's New

These topics describe the major new features of this product.

## New Monitoring Tools

BMC Performance Manager Monitoring Studio v8.5 includes the following new features:

Features	Description
<b>Java MBean Polling (JMX)</b>	Monitors JBoss, JOnAS, WebLogic, WebSphere and any generic JMX enabled application servers
<b>WMI Queries analysis</b>	Executes and analyzes remote WMI queries within the PATROL environment
<b>Pre-processing Text</b>	<p>Enables:</p> <ul style="list-style-type: none"> <li>- conversion of multi-line records into single lines</li> <li>- conversion of XML to CSV (comma separated values)</li> <li>- extraction of text from HTML</li> <li>- text processing through an external command</li> </ul> <p>The aim is to enable running String &amp; Numeric value searches on multi-line, xml, html and large LOG files.</p>

## Integration component of the KM with BMC® Portal

With this release, there is an additional release of **BMC® Performance Manager Integration with Monitoring Studio KM for PATROL®** for BMC Portal. This is an integration component in the form of a PAR file that enables integration of the KM for PATROL within the BMC Portal environment, thus enabling monitoring the infrastructure from within a single console using PATROL parameter data.

The details of this integration component are stated in the Release Notes for [BMC Performance Manager Monitoring Studio KM for PATROL](#) available on the [Sentry Software](#) website.

## New Menu Commands

Menu command/Class	Usage
<b>New &gt; Java MBean Polling...</b>	Starts the JMX Polling wizard
<b>New &gt; WMI Query analysis...</b>	Starts the WMI Query analysis wizard
<b>File &gt; New &gt; Text Pre-processing...</b>	Enables pre-processing multi-line, xml, HTML files in order to run string and numeric value searches. Also enables text preprocessing through an external command
<b>Monitoring Studio icon &gt; KM commands &gt; Import and Export &gt; Import configuration...</b>	Enables greater control of import of configuration files, whether whole Monitoring Studio configuration or individual application configurations
<b>Monitored instance &gt; Rename...</b>	Renames the objects display name and object ID
<b>Monitored instance &gt; Set Thresholds</b>	Enables setting/modifying thresholds
<b>Monitored instance &gt; Set Polling Interval</b>	Enables setting/modifying polling intervals

## What's Changed

The following topics describe what has changed with this product release.

## Enhancements, Additions and Corrected Issues

Menu command/Class	Enhancements/Added features/Corrected issues
<b>General</b>	<p><b>Added:</b> You can now import .CFG files with the “Import configuration” KM Command; this KM Command allows you to control the way the .CFG file is imported into the agent’s configuration</p> <p><b>Enhanced:</b> The export configuration feature is more customizable than before</p> <p><b>Enhanced:</b> Polling period can now be set down to the second</p> <p><b>Enhanced:</b> Instead of polling a value every nth minute, you can now specify to collect only once a day at a given time</p> <p><b>Enhanced:</b> Monitoring Studio now prevents the Event Management KM from activating optional parameters</p> <p><b>Fixed:</b> Whilst copy/pasting an instance, the created instance’s thresholds were not properly set</p>
<b>Applications/Containers</b>	<p><b>Added:</b> New feature of “Application Constants” that allows you to define constants at the level of an application/container and use them across all of the objects created under this application/container.</p>
<b>Database Queries</b>	<p><b>Added:</b> Now supports Windows integrated authentication for SQL Server</p> <p><b>Fixed:</b> DB Queries - Password was not properly stored and at times could cause authentication failures (on both Oracle and SQL Server)</p>
<b>Export Configuration</b>	<p><b>Fixed:</b> When using the Event Management KM, poll times were not saved when exporting the configuration</p>
<b>Files</b>	<p><b>Added:</b> Now supports environment variables in the path (such as \$PATROL_HOME on UNIX and %PATROL_HOME% on Windows)</p> <p><b>Enhanced:</b> The new File Viewer allows you to choose which part of the file to view, and filter out its content with a regular expression</p> <p><b>Enhanced:</b> Monitoring Studio now reacts faster when using a mask and there is no delay in taking the latest newly created time-stamped file into account</p>

Menu command/Class	Enhancements/Added features/Corrected issues
<b>Folders</b>	<p><b>Added:</b> Now supports environment variables in the path (such as \$PATROL_HOME on UNIX and %PATROL_HOME% on Windows)</p> <p><b>Changed:</b> Interface has been reworked</p> <p><b>Fixed:</b> The issue about the occasional erratic behavior of folder monitoring if its files were deleted within fractions of a few seconds since the monitoring set up/modification</p>
<b>Processes</b>	<p><b>Fixed:</b> Processes - The login of each process is now fully addressed in Windows XP and Windows 2003</p>
<b>SNMP Polling</b>	<p><b>Enhanced:</b> SNMP Polling - The enterprise ID of an SNMP be trap can now use wildcards (? and *)</p> <p><b>Fixed:</b> SNMP Polling - A memory leak could occur when running several hundreds of SNMP polling in a large environment</p>
<b>String Searches</b>	<p><b>Enhanced:</b> Simpler string searches have been optimized and run much faster</p> <p><b>Fixed:</b> The second alarm type in the string search wizard was sometimes not properly saved</p>
<b>Web Requests</b>	<p><b>Added:</b> Support for HTTP authentication (Basic, Digest and NTLM authentication schemes when running on Windows, Basic HTTP authentication only when running on UNIX)</p> <p><b>Changed:</b> POST form variables are now stored in an URL-formatted “postedVariables” configuration variable (instead of “postedVariable” with no ‘S’); this allows the specified form variables to include ‘#’ symbols and commas; the variable is automatically migrated to its new format and new name.</p> <p><b>Changed:</b> 401 and 403 HTTP response codes are no longer considered as successful</p> <p><b>Enhanced:</b> A timeout is now configurable on UNIX systems as well.</p> <p><b>Enhanced:</b> Accept HTTPS certificates even if they expired or are invalid</p> <p><b>Fixed:</b> The ServerConnectionState did not always trigger an alert when the server was unreachable.</p> <p><b>Fixed:</b> The Web Request ResponseTime parameter was sometimes not set if the value was extremely low</p>

# Product Documents

The following documents support the product:

- *BMC Performance Manager Monitoring Studio - User Guide*
- *BMC Performance Manager Monitoring Studio - Installation Guide*
- *BMC Performance Manager Monitoring Studio - Reference Guide*

To view the latest BMC Software books and release notes, visit the Customer Support Web page at [http://www.bmc.com/support\\_home](http://www.bmc.com/support_home) or visit the [BMC Performance Manager Monitoring Studio](#) page on the Sentry Software website, from where you can download updates as well as all the support documents in PDF format and refer to the online version of the support documents available in the [online technical library](#).

## Customer Support

If you have problems with or questions about a BMC Software product, go to the BMC Software Customer Support page at [http://www.bmc.com/support\\_home](http://www.bmc.com/support_home). You can view and download product documents, release notes, frequently asked questions, and related information from the Customer Support Web site. If you do not have access to the Web and you are in the USA or Canada, contact BMC Software Customer Support at 800 537 1813. Outside the USA or Canada, contact your local BMC Software office or agent.

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