



Release Notes

BMC® Performance Manager for Hardware by Sentry Software™

Version 1.5.01
September 2008

Sentry Software is releasing version 1.5.01 of the product. These release notes provide information about the enhancements and issues resolved in this release. The information in this document supplements and supersedes information in the Hardware Sentry KM for PATROL product manuals.

The following topics are discussed:

What's New	1
New Supported Platforms	2
What's Changed.....	2
License keys	2
“Reinitialize KM” setting options enhanced	2
Enhancements and Corrected Issues.....	3
Note on the Integration Component of the KM for BMC Portal.....	4
Support Status	4
Product Documents.....	5
Customer Support	5

What's New

These topics describe the major new features of this product.



93981

New Supported Platforms

The table below describes the new supported connectors/platforms:

Connectors/Platforms	Description
HP ProLiant running Sun Solaris X86	Hardware Sentry monitors these systems out-of-band using the HP iLO management card.
LSI SAS RAID controllers	On UNIX and Linux systems, Hardware Sentry now provides information volumes of LSI Logic SAS RAID controllers through the lsiutil utility in addition to the physical and logical disk information.
Sun Fire M4000, M5000, M8000, M9000	Hardware Sentry uses the XSCF boards to monitor the following components of Sun Fire Mx000 systems: processors, memory modules, fans, voltages, power supplies, I/O boards, domains and XSCF status.
VMWare ESXi	Hardware Sentry now monitors the following components of VMWare ESXi: fans, processors, power supplies, memory modules, enclosure.

What's Changed

License keys

Starting v1.5.01, there is no need for license key validation to activate the product.

“Reinitialize KM” setting options enhanced

This version offers the possibility to save the “reinitialize settings” defined by the user. This enables Hardware Sentry to maintain the same options the next time a reinitialize is performed. The saved settings become the default reinitialize settings.

Enhancements and Corrected Issues

The following issues were reported in the previous releases of BMC Performance Manager for Hardware and have been corrected in this release.

Platform or Instrumentation Agent	Enhancements and Corrected Issues
Dell Blade, HP BladeSystem, IBM BladeCenter	Fixed: Blade failure detection error owing to an issue with the automatically set alert thresholds
HP BladeSystem: c-Class and p-Class	Improved: Monitoring of HP BladeSystem enclosures (both c-Class and p-Class). Hardware Sentry now discovers and monitors the blade servers in the enclosure as well as the network switches (Ethernet and FC). It also reports the power consumption of the enclosure.
HP-UX systems installed with Integrated Lights-Out Management Card (iLO) management card or, service processor MP or GSP commands	Fixed: On some HP-UX servers, most hardware components and sensors were properly discovered but no collect was performed for all.
Linux systems equipped with SmartMonTools	Improved: Hardware Sentry now reports the status of each disk in addition to <i>PredictedFailure</i> and <i>Temperature</i> parameters.
Sun servers	<p>Added: Monitoring power consumption on Sun Fire F12K, F15K, E20K and E25K systems</p> <p>Added: Monitoring environment and disk information on Sun SPARC T1/T2 using the SUNWexplo package and the ALOM ard "inband".</p> <p>Improved: Connecting to the ALOM card over the network is no longer mandatory for monitoring of Sun SPARC T1/T2-based servers (sun4v). Hardware Sentry can report hardware information using the Sun Explorer's snapshot "in-band" utility. Root privileges are required.</p> <p>Fixed: An issue with the activation of the <i>Temperature</i>, <i>Voltage</i> and <i>Speed</i> parameters on some sun4u systems.</p> <p>Fixed: An issue when monitoring a Sun SPARC T1/T2-based server (sun4v) through its ALOM card in SSH.</p>

Platform or Instrumentation Agent	Enhancements and Corrected Issues
General	<p>On certain systems, notably UNIX, Hardware Sentry can at times raise false alerts on detected connectors. This happens during the connector monitoring – where the verification/detection tests fail because the system’s instrumentation agent is unable to respond quickly enough (for example owing to heavy resource utilization) at that particular moment; and not because the connector is unsuitable / instrumentation layer is unresponsive. It’s just a matter of a “test-time-out”.</p> <p>Enhancement: To avoid such false alerts stemming from connector detection tests, Hardware Sentry relaunches the “connector verification” process after 10 seconds instead of raising an alert immediately. If the connector test fails the second time too, only then does it raise a “connector failed” alert.</p>

Note on the Integration Component of the KM for BMC Portal

An integration component for BMC Performance Manager Portal is released (since v1.4.00) along with the KM: **BMC-PM-PATROL-Hardware-Sentry-1.5.xx.par**

This integration component for the BMC Performance Manager Portal environment is in the form of a PAR file. It enables visualizing parameter data of all objects monitored by the KM in the Portal environment.

The details on this integration component are stated in the [Hardware Sentry Integration Component Release Notes](#) available on the Hardware Sentry product page of the Sentry Software website. The integration component provided with this release is valid on BMC Performance Manager Express for Hardware v2.3 onwards.

Support Status

For more information about the latest Support policies, see the Customer Support page on the BMC Software Web site at http://www.bmc.com/support_home.

Product Documents

The following documents support the product:

- [*Hardware Sentry KM for PATROL – Installation Guide*](#)
- [*Hardware Sentry KM for PATROL – User Guide*](#)
- [*Hardware Sentry KM for PATROL – 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 or the Hardware Sentry page on the Sentry Software website at <http://www.sentrysoftware.net/downloadHardwareSentry.asp>.

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. 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.

Copyright 2008 BMC Software, Inc. or licensors. All rights reserved.

BMC Software, the BMC Software logos, and all other BMC Software product or service names are registered trademarks or trademarks of BMC Software, Inc.

IBM is a registered trademark of International Business Machines Corporation.

DB2 is a registered trademark of International Business Machines Corporation.

Oracle is a registered trademark, and the Oracle product names are registered trademarks or trademarks of Oracle Corporation.

All other trademarks belong to their respective companies.

BMC Software considers information included in this documentation to be proprietary and confidential. Your use of this information is subject to the terms and conditions of the applicable End User License Agreement for the product and the proprietary and restricted rights notices in the product documentation.

BMC Software, Inc.
2101 CityWest Blvd., Houston, TX 77042-2827 • 713 918 8800
Customer Support: 800 537 1813 (United States and Canada) or contact your local support center