



# Release Notes

## BMC<sup>®</sup> Performance Manager Express for Hardware by Sentry Software<sup>™</sup>

Version 2.3.27

June 27, 2008

Sentry Software is releasing version 2.3.27 of the product BMC Performance Manager Express for Hardware. These release notes provide information about the enhancements and corrected issues in this version of the product.

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# Enhancements and Corrected Issues

The table below states the enhancements and issues corrected in this product release.

Enhancement or Issue	Description
IBM Blade Center	<ul style="list-style-type: none"> <li>▪ The power supply status was not collected due to a referencing issue of the DeviceID in the temporary database file. This is now fixed.</li> <li>▪ The fan speed percentage parameter value was not correctly collected. This is now fixed.</li> </ul>
IPMI Tool Connector	Automatically finds the ipmitool utility on Solaris X86 systems.
Platform Detection	<p>The protocol Telnet was not initiated during the platform detection process of the remote element. The issue is fixed and now the sequence to detect the platform is</p> <ol style="list-style-type: none"> <li>1. SNMP</li> <li>2. WMI</li> <li>3. SSH</li> <li>4. Telnet</li> </ol>
Solaris 10	BPM Express for Hardware could not establish SSH sessions on Solaris 10 systems. This is now fixed.
Unix/Linux	All commands executed were stored in the History folder. This issue is resolved.
WMI	The environment variable "SEN_HW_WMI_USEVBS" of the WMI engine was not correctly detected. The issue is resolved – restarting the RSM service is required for the environment variable to be taken into account.

# Migration

## Migration from v2.3.09 upwards to v2.3.27

BPM Express for Hardware includes an **automatic migration** feature. In order to upgrade to a newer version, all you need to do is import the new version, and the Portal will migrate all the elements from the previous version, to the upgraded version of the BPM Express for Hardware application class. There will be no loss of any customized thresholds set in the previous version.

However, if you are migrating from a version prior to 2.3.09, please read the sections below for appropriate instructions.

## Migrating from any version between v2.3.x and v2.3.09

BPM Express for Hardware includes the automatic migration feature. In order to upgrade to a newer version, all you need to do is import the new version, and the Portal will migrate all the elements from the previous version, to the upgraded version of the BPM Express for Hardware application class. There will be no loss of any customized thresholds set in the previous version.

Starting version 2.3.09 the thresholds of the parameters *IntrusionStatus* and *BatteryStatus* under **Enclosure** and **Disk Controller** application classes were enabled. Migrating to this version through the above-mentioned method will not automatically activate the two parameters. (This is done to safe-guard against loss of previous customization- if any.)

Therefore, to activate these parameters the two options are:

- A. **Manual activation:** Go to the **Configure tab > Edit Thresholds >** select *IntrusionStatus* and *BatteryStatus* parameters. You could do this either for each element or, through the Element Profile route (if the elements have been created that way).
- B. The other option is to completely **remove** the **BPM Express for Hardware** application class, and **reload (import)** it **again**, just as one would load a new Performance Manager. This undoubtedly entails loss of any customized settings, if any.

## Migrating from previous versions

### BPM Express for Hardware v2.2

Due to structural changes made in BMC Portal version 2.3, BMC Performance Manager Express for Hardware version 2.3.00 upwards is not compatible with any version of the Portal prior to v2.3. All customers, whether existing or new, are first required to upgrade to Portal v2.3 and then install BPM Express for Hardware v2.3.

### **Migrating from BPM Express for Hardware v2.0/v2.1**

Customers who purchased v2.0 or v2.1 of BPM Express for Hardware and are covered by a maintenance contract can migrate to the much more versatile v2.3.x at no additional cost. However, there is no configuration to automatically migrate your monitored elements from the 2.0/2.1 versions of BPM Express for Hardware to v2.3.x.

The migration has to be manually done just like a first-time installation, which is, rapid, simple and does not require many operations. Please bear in mind that for BMC Performance Manager Express for Hardware v2.3.x, the minimum version of BMC® Portal is v2.3.

## **Migrating from Hardware Sentry KM for PATROL® to BMC Performance Manager Express for Hardware v2.3x**

Existing customers of Hardware Sentry KM for PATROL® can avail of BPM Express for Hardware for free, *if* they choose to use the BMC Performance Manager Portal environment.

## **Product Documents**

The following documents support the product:

- *BMC® Performance Manager Express for Hardware – [Installation Guide](#)*
- *BMC® Performance Manager Express for Hardware – [User Guide](#)*
- *BMC® Performance Manager Express for Hardware – [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).

## **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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