



BMC Performance Manager for HP Insight Manager

KEY BENEFITS

- > Manage server fault conditions, server health, and configuration
- > Manage heterogeneous environments from a central console
- > Ensure hardware and software are tuned for optimal performance
- > Address potential system failures proactively
- > Monitor key components of an HP server's status, such as temperature, fans, RAID, and memory

BMC Performance Manager for HP Insight Manager helps you to ensure availability of HP Systems running Microsoft Windows and OpenVMS operating systems. It provides a centralized view of the enterprise, enabling you to assess the health of server hardware. It also helps to increase uptime of the servers, thereby improving service level attainment performance.

BUSINESS CHALLENGE

Today's administrators are faced with the complexities of managing multiple applications and server platforms in an integrated environment. Many rely on HP Insight Manager to manage their HP personal computers (PCs) and servers from a single console. To optimize the investment, administrators need a solution that will help maximize availability and performance, and minimize downtime costs and end-user impact.

THE BMC SOLUTION

The BMC Performance Manager family of products provides automated monitoring and management capabilities for key resources. BMC Performance Manager for HP Insight Manager extends HP Insight Manager's capabilities by allowing you to monitor, from a single console, HP Insight Manager and any other applications, databases, middleware, servers, or operating systems in your environment that are managed by BMC Performance Manager.

BMC Performance Manager for HP Insight Manager monitors and manages the health of your HP servers and other applications by gathering information from HP Insight Manager agents. It can then be set up to notify you if a problem (real-time or potential) is detected. By monitoring HP Insight Manager agents in key areas, the product allows you to:

- > Manage server fault conditions
- > Monitor server hardware health
- > Set alarms for — and correct — real-time and potential system failures
- > Monitor system configuration and utilization

MONITORING

BMC Performance Manager for HP Insight Manager monitors key components, including:

- > HP Fiber Channel Array Controller
 - o Overall condition
 - o Real-time and predicted battery failure
- > Hot pluggable slot information
 - o Presence of a device
 - o Error status
 - o Power supply
- > Remote Insight Board management
 - o Status
 - o Pending alarms



By monitoring key HP server parameters, including server health, BMC Performance Manager for HP Insight Manager gives you more control over your environment.

- > HP Intelligent Drive Array
 - o Condition of controller, associated logical and physical drives, and array accelerators
 - o Battery pack status
 - o Read-and-write error rate over a sample interval
 - o Number of “seek” operations performed by the physical disk and how many times errors were detected
 - o Physical drive performance
- > HP SCSI system
 - o Condition of controller and physical drives
 - o Condition of logical and physical drives
 - o Read-and-write hard-drive error rates
 - o Drive condition
 - o HP tape physical drive status and tape counter errors
- > HP server health
 - o Condition of critical and correctable error logs and POST error recording features
 - o Thermal environment condition
 - o Fan condition (thermal or fault-tolerant)
- > HP SCSI storage system
 - o SCSI drive-box condition
 - o Drive-box fan and panel status
 - o Drive-system temperature
- > HP network interface statistics
 - o Number of non-unicast packets delivered to a higher-layer protocol
 - o Error rate over a sample period
 - o Total number of packets that have higher-level protocols requested to be transmitted to a non-unicast address, including those that were discarded
- > HP system use
 - o CPU use as percentage of theoretical maximum
 - o EISA bus use as percentage of theoretical maximum
- > HP uninterruptible power supply (UPS)
 - o AC line input to UPS
 - o Estimated available battery power
 - o Minutes of remaining battery power

ABOUT BMC SOFTWARE

BMC Software delivers the solutions IT needs to increase business value through better management of technology and IT processes. Our industry-leading Business Service Management solutions help you reduce cost, lower risk of business disruption, and benefit from an IT infrastructure built to support business growth and flexibility. Only BMC provides best-practice IT processes, automated technology management, and award-winning BMC Atrium technologies that offer a shared view into how IT services support business priorities. Known for enterprise solutions that span mainframe, distributed systems, and end-user devices, BMC also delivers solutions that address the unique challenges of the midsized business. Founded in 1980, BMC has offices worldwide and fiscal 2007 revenues of \$1.58 billion. Activate your business with the power of IT. www.bmc.com.

FOR MORE INFORMATION

To learn more about BMC Performance Manager for HP Insight Manager, please visit www.bmc.com.



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