

BMC Performance Manager for Servers

Key Benefits

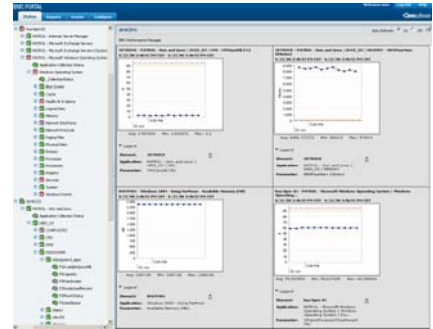
- > Improve IT staff productivity by automatically detecting and resolving operating system problems, enabling IT staff to focus on strategic initiatives
- > Ensure availability of Operating Systems by automatically notifying IT staff on critical events, before a business impact
- > Provide comprehensive event management that allows you to streamline troubleshooting and event notification
- > Reduce time spent on event storms through filtering, so the IT staff can manage critical events more efficiently.
- > Minimize downtime with automated recovery actions
- > Ensure availability of directory services by monitoring Active Directory operations while following the latest Microsoft best practices for monitoring Active Directory
- > Provide out-of-the-box deployable configuration settings for Unix, Linux, and various Microsoft Windows Server 2003 roles, including Application Server, DNS Server, and Mail Server

Companies continue to deploy mission-critical enterprise applications on a variety of operating systems and platforms. To ensure business service availability, managing these heterogeneous systems is critical and requires an enterprise-class systems management solution that is capable of managing the availability, performance, and capacity of these diverse operating systems.

Business Opportunity

Effectively managing heterogeneous operating environments requires easy-to-use, flexible, scalable, and integrated solutions. These solutions must automate systems management and reduce troubleshooting time by clearly identifying problem areas, so administrators can focus more time on strategic tasks and less on tactical tasks. The IT staff must have the ability to:

- > Manage the availability and performance of their IT environment for a diverse set of operating system platforms
- > Verify and determine the operating system's logical function from a client perspective
- > Gather, analyze, and correlate key performance indicators based on industry-based best practices
- > Notify administrators via e-mail or page when a specific error condition occurs
- > Scan system or application log files for specific text and take action based on predefined criteria



BMC Performance Manager for Servers performance monitoring in the BMC Performance Manager Portal for Unix and Windows

The BMC Solution

BMC® Performance Manager for Servers provides an extensible, scalable, and easily customizable systems management solution for your Windows, UNIX, and Linux operating system environments. By providing monitoring, alert notification, event management, reporting, and historical trending from a centralized console, BMC Performance Manager for Servers allows you to proactively manage the health and performance of your heterogeneous operating system environment and applications.

Key Features

Server Monitoring

Monitors performance, resource consumption, and capacity of critical server components, such as CPU, memory, cache, disks, and file systems.

Process Monitoring

Enables you to monitor process availability and resource consumption. Provides the ability to restart failed processes and terminate processes that consume a specified percentage of CPU.

Log File Monitoring

Allows you to monitor any log file for size or content, and to set up specific recovery actions.

Event Management

Manages automated escalation of warnings and alarms, integration with systems, event filtering, message rewording, and execution of out-of-the-box or user-defined recovery actions.



This product integrates with BMC Atrium technologies.

Print Queue and Printer Monitoring

Monitors operations and availability of printers in your enterprise, and provides access to in-context printer administration commands.

Agent or Agentless Monitoring

Customers can choose the level of management required, and deploy the right-sized solution to meet those requirements.

Active Directory Operations Monitoring

Assures Active Directory health by monitoring critical Active Directory components, such as Domain Controller, Replication, LDAP, FSMO roles, DNS, and trusts.

Windows Application Monitoring

Provides monitoring across most applications that are running on the Microsoft Windows platform. For instance, SharePoint and Live Communication Server.

Windows Event Log Monitoring

Allows you to easily create filters based on event type, source, ID, user, or category, so you are alerted only on events of interest.

Windows Service Monitoring

Monitors services and processes associated with the services. You also can use recovery actions to restart failed services.

Performance Monitor Wizard

Enables you to quickly set up monitoring for any available Windows Performance Counter.

WMI Wizard

Enables you to enter WMI queries to monitor various Windows components.

COM+ Monitoring

Allows you to monitor your COM+ applications for performance and resource consumption.

Microsoft Cluster Monitoring

Monitors the health and operations of your Microsoft Cluster environment.

Microsoft Certified

Certified for Microsoft Windows Server Family.

BMC Performance Manager Solutions

BMC Performance Manager includes solutions to manage locally with an agent or remotely without an agent. Customers can choose the level of management required and deploy the right-sized solution to meet their performance

monitoring needs and view all of the managed systems through the BMC® Performance Manager Portal. You don't have to choose between agent and agent-less monitoring. BMC Performance Manager provides you with the flexibility to manage your infrastructure with one or both solutions.

BMC Performance Manager Portal

The BMC Performance Manager Portal offers a flexible interface to manage the health of an application, operating system, middleware, or hardware with customized views, dashboards, charts, alerts, and event status. It is built on the BMC Performance Manager Portal infrastructure, which provides centralized management through a Web-based browser, minimizing implementation, driving common workflows, and reducing maintenance and training for all BMC products. The BMC Performance Manager Portal improves the usage experience across BMC products for sign-on, navigation, administration, and configuration.

BMC Performance Manager Reporting

BMC® Performance Manager Reporting is provided to customers at no charge. It provides a wide range of predefined reports for Microsoft Windows, UNIX, and Linux environments. If you need further reporting capability, the licensed BMC® Reporting Studio provides an easy-to-use, drag-and-drop interface for creating reports.

BMC Performance Manager Intelligent Alerts

BMC® Performance Manager Intelligent Alerts continually analyzes and correlates performance variables from dozens of enterprise subsystems to create Adaptive Behavior Profiles™, bands of normalcy defined by Dynamic Thresholds™, that reflect each server's unique rhythms. Deviations outside the norm result in meaningful and actionable Trusted Alarms™ that allow you to identify problems faster and reduce problem resolution times.

How BMC Performance Manager for Servers Helps You Achieve BSM

Successful BSM implementations depend on a well-instrumented infrastructure that supplies relevant information about critical performance, availability, and throughput. It also must interact tightly with the overarching configuration and change processes.

BMC Performance Manager for Servers helps you achieve BSM by:

- > Using one common management method to proactively optimize your IT infrastructure throughout the enterprise application lifecycle
- > Implementing consistent methodology and automation of repetitive, complex, and error-prone tasks
- > Using dynamic, event-driven processing to prioritize batch and online workflows
- > Controlling all aspects of enterprise data management with common tools across mainframe, distributed, and desktop environments

Platform Support

BMC Performance Manager for Servers supports a wide variety of enterprise class operating environments:

- > Linux™ – Red Hat, SUSE™
- > UNIX™ – AIX, HP-UX, Solaris, Tru64
- > VMware (ESX)
- > Windows



For specific release and version information, refer to the product release notes or visit the Platform and Compatibility (PAC) matrix on the BMC Support site from www.bmc.com.

About BMC Software

BMC Software helps IT organizations drive greater business value through better management of technology. Our industry-leading Business Service Management solutions ensure that everything IT does is prioritized according to business impact, so IT can proactively address business requirements to lower costs, drive revenue, and mitigate risk. BMC solutions share BMC Atrium™ technologies to enable IT to manage across the complexity of diverse systems and processes — from mainframe to distributed, databases to applications, service to security. Founded in 1980, BMC Software has offices worldwide and fiscal 2005 revenues of more than \$1.46 billion. BMC Software Activate your business with the power of IT. For more information, visit www.bmc.com.



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