

## BMC Performance Manager Reporting

### Key Benefits

- > Provide extended view of system trends
- > Provide out-of-the-box reports for operating system, database, and Exchange solutions
- > Extend out-of-the-box reports to any BMC Performance Manager solution
- > Allow customized reports by combining parameters to meet your specific reporting needs
- > Allow online viewing in the native report format for solution reports and custom reports, and they can be exported to any of three formats: PDF files, comma separated value files, or Excel files

Customers, business users, and managers place increasing pressure on IT organizations to operate in a more accountable and transparent manner. Credible reporting on all aspects of an IT Infrastructure's performance, availability, and capacity is an integral part of your organizations accountability and transparency.

### Business Opportunity

As IT departments are asked to bring operations in line with the business more and more, there is an increasing need to communicate to executives, business managers, and customers about what is happening within the IT department. This communication requires different solutions from the kind of graphing and snapshot data that is currently used within IT departments.

Reporting is aimed at an audience that needs reports to provide information succinctly. This requires reports that are highly summarized and have a professional look and feel. In addition, these reports need to be run regularly and be automatically distributed to the audience. Lastly, the reports often cover extended periods of time – months or quarters within a year – which require large volumes of data to be retained.

BMC Performance Manager Reporting is provided to BMC Performance Manager customers at no charge. BMC Performance Manager Reporting provides a wide range of predefined reports. If you need more reporting capability, the licensed BMC Reporting Studio provides an easy-to-use, drag-and-drop interface for creating reports against BMC Performance Manager data.

BMC Performance Manager Reporting includes a leading business intelligence solution that provides production quality, state-of-the-art graphs and charts with drill-down features that allow data to be explored. A single Web portal gives access to report administration, including searching, sorting, viewing, scheduling, and, if licensed, report creation.

The tasks available to a user are controlled by user permissions. If permissions are granted, a user may:

- > Access new report instances run since user's last logon
- > Browse reports to select a report instance for viewing
- > Search for a report by title, date, author, or keyword
- > Save reports in PDF or Excel format

### The BMC Solution

BMC® Performance Manager Reporting is a solution designed to fill these needs. The product provides an infrastructure for scheduling, managing, and distributing reports from data collected by any BMC Performance Manager solution. A wide range of predefined reports are supplied that communicate the most commonly needed metrics. These reports are available for Unix, Microsoft Windows, Oracle, and Exchange.

Since BMC customers include some of the largest companies in the world, BMC Performance Manager Reporting has been designed to support the largest enterprises in terms of scalability, security, and customization.

### Components of BMC Performance Manager Reporting

#### BMC Reporting Foundation

The reporting engine that provides infrastructure for reporting, including portal, scheduler, and administration facilities. This foundation is common to all BMC products using this infrastructure.



This product integrates with BMC Atrium technologies.

## BMC Reporting Repository

The database that contains data specific to reporting, reports, Universe, security information, etc.

## BMC Performance Manager Solution Reports

Predefined reports that provide information on Windows, Unix, Oracle, and Exchange. These reports reside in reporting repository.

## BMC Performance Manager

### Reporting DataStore

The component that collects and stores BMC Performance Manager data. The BMC Performance Manager Reporting DataStore transfers historical and event parameter data from a managed system to a central database.

## BMC Performance Manager Universe

The semantic layer that describes BMC Performance Manager data to the reporting engine. This layer enables a user-friendly view of data by protecting the user from database schema labels. Only data defined in the Universe can be reported.

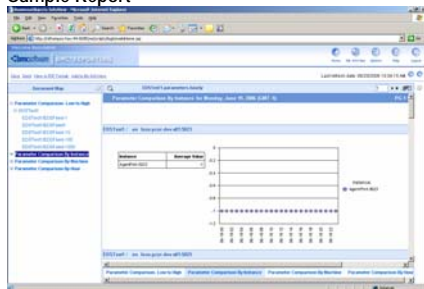
## Custom Reports

To create or customize reports, you must obtain a BMC Reporting Studio license.

Creating reports is accomplished entirely through a drag-and-drop interface. You begin by selecting required data from a tree view. Once you select data, a query can be run to return data to the report. The query results are displayed in a flat table.

You can modify the query results table from a wide variety of styles by simply dragging the option onto the table. You can control colors, fonts, legends, free text, and a host of other options.

## Sample Report



Parameter Comparison by Instance view

Report editing is accessed from the same portal as the other reporting functions, so it is easy to take an existing report, which has already been run, and use it as a template to create new reports.

## 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 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 Portal improves the usage experience across BMC products for sign-on, navigation, administration, and configuration.

## 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 Virtual 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 Reporting helps you achieve BSM by:

- > Providing an assessment on the value IT delivers to business operations
- > Relating the essential details to management in a way that has immediate impact. (It is not useful to throw every statistic at a manager or an executive because they do not have the time or the expertise to work through it.)
- > Providing a common means for summarizing and comparing IT performance to the business over time.

## Platform Support

BMC Performance Manager Reporting supports:

- > Microsoft Windows
- > Solaris

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 at [www.bmc.com](http://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](http://www.bmc.com).



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