



Sun and BMC Software

Working together to optimize the data center BMC Performance Manager



Sun Microsystems and BMC Software share a commitment to innovation, performance, and efficiency. The two companies help organizations increase their system availability, improve service quality, optimize transactional performance, decrease operations and maintenance costs, reduce total cost of ownership, and foster top line growth.

Highlights

Business Challenges

- Reduce mission critical application downtime
- Decrease system management costs
- Increase system performance
- Lower total cost of ownership

BMC Performance Manager Features

- Robust functionality
- Agent or agent-less based management
- Ease of installation across heterogeneous environment
- Integrated, single architecture
- Pricing flexibility
- Proactive systems management
- License transferability between operating systems and database technologies

BMC Performance Manager Supports:

- Sun Solaris™ Operating System
- Sun Fire™ SPARC®-based Systems
- Sun x64 AMD™ Opteron-based Systems
- Sun Solaris™ Containers
- Sun CoolThreads™ Technology

Business Results

- Lower system management costs
- Decreased utility costs
- Improved productivity
- Increased system performance
- Decreased service management costs
- Increased customer satisfaction
- Decreased total cost of ownership

The Right Choice for Mission Critical Applications

BMC Performance Manager helps companies increase their operational efficiency by simplifying the installation and administration of distributed systems management technology. The solution monitors mission critical business applications such as Oracle and SAP, as well as servers (application, portal, etc.) and databases. This powerful solution from BMC Software is designed to support small and large environments through agent or agent-less management.

Efficiency is but one area where BMC Performance Manager differentiates its solution. To more fully address the needs of today's data center, BMC Performance Manager is available for both the SPARC®- and x64-based systems running the Solaris™ 10 Operating System (OS), which allows organizations to select the right server for the right job. Sun's latest x64 systems are utilized by customers for high performance computing, server consolidation, and Web infrastructure needs. Additionally, BMC Performance Manager supports Sun Solaris™ Containers, by providing OS monitoring and virtualization metrics for Solaris Zones. By running BMC Performance Manager on Solaris 10, you gain the advantages of platform scalability, security, and high availability. With years of proven performance and unmatched individual reliability, the Solaris OS and BMC Performance Manager, together power the mission critical operations of more than three million public and private sector customers.

The Right Choice for Data Center Efficiency

Freely available, open source Solaris 10 gives

organizations access to an established reliable platform, leveraging Sun's \$500-million investment to produce the most advanced operating system ever built with more than 600 new features. BMC Performance Manager increases system performance and availability by proactively detecting, and in many cases automatically resolving, potential service-impacting incidents and events increasing service uptime and avoiding costly service disruptions. Combined with other solutions from BMC Software, the inherent integrations in BMC Performance Manager automate the task flow from incident detection through to event resolution. The BMC solution enables a trouble ticket to be opened programmatically in a company's trouble ticket system with the proper priority assigned, based on business relevance, and automatically corrects problems via out-of-the box recovery routines. IT organizations immediately improve availability and performance while increasing their customer satisfaction.

BMC Performance Manager helps companies reduce costs by simplifying the operations and management of their distributed IT infrastructure, applications, and databases, increasing the number of systems managed while decreasing the number of IT staff required to manage them.

Sun Innovation: Unmatched Power and Efficiency

Sun systems are built from the ground up to scale, be secure, and support intelligent data handling. Sun's energy efficient Sun Fire™ enterprise servers and low-cost, AMD Opteron™ x64-based servers can meet a company's most mission critical requirements.

Not only are Sun x64-based systems powerful— they set 65 performance records upon release and can save organizations up to over 50 percent on power and cooling costs in their data centers compared to relative Intel-based servers.¹ Powered by either single or dual-core AMD Opteron processors, these products are the ideal platform for providing Web services, hosting application development, and meeting other high-performance computing needs.

BMC Performance Manager delivers an entirely new level of performance when taking advantage of Sun's patented CoolThreads™ technology. Sun's innovation offers the industry's first eight-core, 32-thread processor packing the performance of a rack of servers onto a single chip. Based on the 9.6 GHz UltraSPARC T1 processor, the new server family has achieved eight world-record benchmarks and is setting a new industry standard for performance, energy, and space efficiency with as little as half the power and space of competing systems.

Sun's new servers allow organizations to take advantage of the new CoolThreads technology without having to rewrite applications. Sun's servers are designed for running current and next-generation Web application and distributed database systems. Sun guarantees binary compatibility on the Solaris OS across all its supported systems. This ensures that software written for the Solaris 10 OS will run unmodified on all supported UltraSPARC systems.

In addition to powerful servers and open source software, Sun can also provide a complete range of fully integrated disk, tape, and storage hardware and software products required to optimize data management. Sun StorageTek™ data management products can be configured to serve online data needs for virtually any application, and scale to meet the requirements for small, medium, and large enterprises.

The BMC Performance Manager Advantage

With the exception of BMC Performance Manager, distributed systems management technologies either provide high value through robust functionality and deep diagnostics or low cost of ownership through the simplicity of installation and ease of use. BMC Performance Manager is the only solution available today that combines the features and functions necessary to manage enterprise class systems with the ease of use, thus reducing costs. BMC Performance Manager has been installed by almost 5,000 companies in more than 80 countries worldwide.

BMC Performance Manager uniquely combines the robust functionality of agent-based management with the ease of installation and simplicity of use found in agent-less solutions. Organizations can leverage an integrated, single architecture that provides pricing flexibility and license transferability between operating systems and database technologies. Only BMC Performance Manager gives companies the freedom to choose between agent and agent-less monitoring, providing customers with the flexibility to manage their IT environment with one or both solutions. Data Centers can choose the level of management required and deploy the right-sized solution to meet their performance monitoring needs while viewing all of the managed systems through the BMC Performance Manager Portal.

BMC Performance Manager is a proven, reliable, and highly available solution delivering configuration options to eliminate a single point of failure. By integrating with Service Level Management and Service Impact Management solutions from BMC, BMC Performance Manager is a key provider of performance and availability information to business intelligence products. With BMC software products, organizations gain a better understanding of how technology infrastructure problems impact their business.

More than an Operating System

The Solaris Enterprise System includes:

- Solaris 10 OS
- Java™ Enterprise System
- 188 leading open source packages, pre-compiled

Java Enterprise System Components integrated with Solaris 10 include:

- Identity Management
- Web and Application
- Communication and Collaboration
- Portal Services
- Availability Services
- Service and Support

Learn more about Solaris and the Java Enterprise System sun.com/software

Get the details

For more information about Sun technology visit sun.com.

For more information about BMC Performance Manager visit www.bmc.com.

¹ One Rack of Sun Fire X4100 Servers populated with AMD Dual-Core Processors can take as much as 56% less power on average than the Intel Xeon MP processor-based solution required to provide a similar amount of CPU cores.

