

MAINVIEW® for Web Enablement

Key benefits

- Monitors and manages eBusiness applications for network, web server, and operating system errors
- Simplifies a growing, complex environment
- Improves quality of service for end users
- Increases internal business efficiency
- Increases staff productivity
- Follows WebSphere transaction through other systems to discover any resources delays or contentions

Business challenge

Organizations that execute several million transactions a day cannot afford to have an outage. Managers of large enterprises require reliable, fast, and secure environments. For this reason, the enterprise server has become a viable platform for enterprises that add front-end Web access for business-critical data already residing on the enterprise server.

With the advent of UNIX running within OS/390 with OS/390 UNIX System Services, data center personnel are even more challenged to understand the impact of new UNIX System Services workloads and resource consumption within their OS/390 enterprises.

As organizations implement e-business applications that use IBM's® WebSphere, management of an organization's z/OS Web server environment becomes a critical requirement. Enterprise server solutions must be equipped to manage traffic from the Web server's view.

While complex computing environments continually evolving, technical resources are limited. More complicated systems demand more time to be invested in monitoring and system management.

The BMC Software solution

The MAINVIEW® for Web Enablement solution ensures that your vital Internet-based applications, the network, and the infrastructure are always available.

MAINVIEW for Web Enablement allows your organization to increase business efficiency, improve cost-effectiveness, reduce losses and risks, improve quality of service for the end users, and help you build a stronger competitive position in a complex and evolving environment.

MAINVIEW for Web Enablement offers large enterprises comprehensive management of the web infrastructure within a single solution family from a single company. BMC Software offers multiple ways of capturing the end-user experience and provides the ability to manage the web and internet application services provided by the industry leaders. These solutions provide end-to-end coverage of all essential components.

Manage the WebSphere environment

MAINVIEW for Web Enablement provides Web monitoring and management for applications integrated with WebSphere. Putting the Web server and the data on the same server means better performance, because transfers take place much faster than they would over the network connections.

MAINVIEW for Web Enablement offers improved availability, recoverability, and service. It helps you determine how well end users are being serviced.

Manage the TCP/IP environment

MAINVIEW for Web Enablement specifically addresses the key areas of availability, tuning, and throughput relative to the TCP/IP communications protocol. It allows administrators to measure usage by host name as well as address type and correlated network throughput with other events occurring on the system.

MAINVIEW for Web Enablement provides both summary and detailed statistics for network connections to a particular host. It provides performance statistics on various levels, including global, by IP address, and by port number.

Manage the UNIX System Services environment

MAINVIEW for Web Enablement provides key metrics in an easy-to-understand fashion, allowing you to effectively manage UNIX System Services. It allows you to observe workloads and resources consumed from the UNIX System Services perspective that traditional performance monitors are unable to see.

MAINVIEW for Web Enablement provides detailed information about processes and relates them back to the OS/390 address space. You can take action to avoid problems before they occur.

MAINVIEW for Web Enablement allows you to equate the UNIX file systems or underlying file structure to the OS/390 data set names so that you can understand the performance and resource issues in both OS/390 and UNIX terms.

MAINVIEW integration

MAINVIEW solutions from BMC Software provide reliable, integrated sets of products that give you complete control of your stand-alone enterprise server or complex parallel sysplex environment. With MAINVIEW at work in your enterprise, your data center operates more efficiently and manages application service levels from a business perspective. Many problems are detected and solved automatically, and troubleshooting is easier and faster.

Complementary solutions

MAINVIEW for Web Enablement complements and enhances BMC Software solutions for enterprise servers, capacity planning, and front-end distributed systems.

Enterprise servers

- MAINVIEW® for Infrastructure Management
- MAINVIEW® for CICS TS
- MAINVIEW® for DB2®
- MAINVIEW® for IMS
- MAINVIEW® for DBCTL

Capacity planning

- MAINVIEW® for Performance Assurance

Distributed front-end systems

- PATROL® for WebSphere Advanced Edition
- PATROL® for Internet Server Manager
- PATROL® Enterprise Manager

About BMC Software

BMC Software, Inc. [NYSE: BMC], is the leading provider of enterprise management solutions that assure business availability – maintaining and optimizing business-critical systems with automated infrastructure management and unique service management capabilities. BMC Software is a member of the S&P 500, with fiscal year 2001 revenues exceeding \$1.5 billion and offices worldwide. For more information, please visit BMC Software's Web site at www.bmc.com. For more information on BMC Software, visit us on the Web at www.bmc.com.

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