

BMC Capacity Management Essentials

A starting point for virtualization and capacity management

KEY BENEFITS

- > Provides simplified visual analysis through a consolidated view of data center utilization
- > Automatically identifies underutilized and over-utilized IT resources
- > Rapidly determines candidates for consolidation or virtualization initiatives
- > Shows utilization patterns over time, as influenced by business cycles
- > Includes customizable graphs that provide flexibility in reporting and visualization

Data centers are suffering from server sprawl — hundreds of underutilized systems that are wasting costly administrative and facility resources. By combining agentless data collection, built-in intelligence, a scalable architecture, intuitive interface, and powerful visual analysis, BMC Capacity Management Essentials provides a complete view into how data center resources are being used.

BUSINESS CHALLENGE

Today, reducing costs is not seen as an IT initiative, but as a business imperative. As a result, organizations are adopting capacity management best practices and implementing server consolidation and server virtualization as a way to optimize existing data center resources. With the majority of IT organizations managing expanding distributed environments — with a limited number of IT staff — there is an acute need for a way to efficiently collect utilization data across thousands of physical servers; quickly analyze resource usage patterns; and assess opportunities for improving utilization.

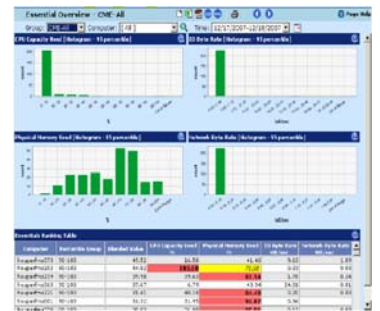
THE BMC SOLUTION

BMC Capacity Management Essentials takes the guess work out of capacity planning, analysis, and server consolidation initiatives by providing a complete view of data center resource utilization and capacity. Scalable agentless data collection provides the reliable and efficient collection of essential utilization metrics. Built-in intelligence automatically pinpoints both underutilized and over-utilized systems, and displays a consolidated view of server utilization. A centralized capacity data store enables historical viewing of utilization patterns over time, as influenced by business cycles. Customizable reports and graphs, including the ability to determine the proportion of servers consuming specific server resources, add to BMC Capacity Management Essentials analysis capabilities.

With powerful visualization and essential analysis features, along with broad operating system (OS) support for today's multi-platform environments, BMC Capacity Management Essentials speeds data center consolidation and virtualization projects; identifies areas of focus; and ensures the overall success of any continuous improvement initiative.

FEATURES

- > **Agentless data collection** of essential performance metrics that minimizes administrative effort
- > **Scalable architecture** that supports large enterprise-class data centers
- > **Customizable reports and graphs** that provide unlimited flexibility
- > **Intuitive interface** that expands capacity management functionality to the entire IT staff



Out-of-the-box histogram graphs show the 'big picture' of data center utilization.

ALIGNMENT WITH BEST PRACTICES

BMC Capacity Management Essentials incorporates proven best practices that map directly to IT Infrastructure Library® (ITIL®) capacity management processes. It provides analysis of key performance data to identify and resolve server resource bottlenecks and performance issues. It visually identifies opportunities to optimize existing data center resources and improve quality of service. Based on more than 25 years of experience in developing comprehensive capacity analysis and planning solutions for enterprise data centers, BMC Capacity Management Essentials is a starting point for capacity assessment of current and ongoing business needs.



This product integrates with BMC Atrium technologies.

TECHNICAL SPECIFICATIONS

Minimum System Requirements

- > Capacity Management Essentials Administrator Console
 - o Microsoft Windows 2003 (Web, Standard, Enterprise, Datacenter Edition)
 - o Microsoft XP Professional, SP2
 - o Intel Pentium IV, 1.2 GHz, 2 GB RAM, 4GB Free Disk Space
 - o Microsoft .NET Framework v3.0 or higher
- > Capacity Management Essentials Viewer
 - o Microsoft Windows 2003 (Web, Standard, Enterprise, Datacenter Edition)
 - o Microsoft XP Professional, SP2
 - o Intel Pentium IV, 1.2 GHz, 1 GB RAM, 150 MB Free Disk Space

Monitoring Platform Support

- > Microsoft Windows [2003 Server (Web, Standard, Datacenter - Itanium 2 and x86 32bit), 2003 Enterprise (Datacenter – Itanium 64), 2003 Server (x64), 2000 Server (Professional, Datacenter, Advanced – x86 32bit), and XP Professional (x86 32-bit)]
- > IBM® AIX® (5.2, 5.3: 32-bit RISC and 64-bit RISC)
- > HP-UX [11.11 (64-bit RISC), 11.23 (64-bit RISC and Itanium 64), 11.31 (64-bit RISC and Itanium 64)]
- > Sun™ Solaris™ [8, 9, 10 (SPAC & x86)]
- > Red Hat Linux® (Enterprise Linux AS, ES, WS 3.0, 4.0, 5.0)
- > SuSE Linux Enterprise Server 9.0, 10.0

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.

PART OF A COMPREHENSIVE BUSINESS SERVICE MANAGEMENT APPROACH

BMC Capacity Management Essentials integrates with the BMC Performance Assurance product family to provide a comprehensive performance analysis and capacity management solution. It also integrates with the BMC Atrium Configuration Management Database (CMDB), which provides system-level capacity reports to other BSM solutions, such as BMC Asset Management, BMC Change Process Management, and more.

PART OF A COMPREHENSIVE SOLUTION

The following BMC Performance Assurance products are available to meet your capacity management needs:

- > **BMC Performance Analysis for Servers** provides capacity management staff and business stakeholders with high-level and in-depth performance analysis and reporting capabilities to explain where their performance and capacity levels are today. BMC Performance Analysis provides detailed utilization metrics down to the process level, which can be mapped to application specific workloads for analysis.
- > **BMC Performance Assurance for Servers** provides comprehensive management of server performance and capacity, with the ability to properly size, upgrade, and consolidate system resources, and understand current and future capacity and performance requirements of business applications. It includes all of the capabilities of BMC Performance Analysis, with the added ability to predict the impact of change through multi-tiered workload modeling.
- > **BMC Performance Assurance for Virtual Servers** provides comprehensive management of VMware ESX performance and server capacity, with the ability to properly size, consolidate, and understand the current and future capacity and performance of business applications, while also optimizing the performance of virtual machines through a view of overall system use. In addition, it reduces risks while accelerating the move from physical to virtual, and manages physical and virtual complexities from the perspective of application response time, business cycles, and resource contention.

LEARN MORE

To learn more about BMC Capacity Management Essentials, visit www.bmc.com.



To learn more about how BMC can help activate your business, visit www.bmc.com or call (800) 841-2031

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