



BMC Rapid Results for Capacity Optimization

A proven and prescriptive approach for optimal service performance designed to rapidly increase agility and reduce IT cost

Key Activities

- » Architectural review, planning, and sizing
- » Best practices review
- » Software installation and configuration
- » Capacity process and organizational design
- » Analysis of physical-to-virtual mix
- » Capacity allocation and placement

Key Benefits

- » Dramatically improve alignment of IT capacity with business demand
- » Respond more effectively to changing business needs
- » Enable comprehensive resource planning
- » Rationalize virtualization, cloud, and non-virtual planning
- » Deliver integrated and automated capacity optimization

Business Challenge

More and more IT organizations are building hybrid data centers based on virtualized and cloud technologies. These new data centers promise greater responsiveness to business service demands at lower operational costs per service. As organizations adopt virtualization and cloud technologies in their hybrid data centers, they're seeing significantly increased complexity, an explosion of resources and users to manage, and significant increase in the volume of changes required.

At the same time, more than 80 percent of the IT Operations market still relies on reactive IT processes and technology. Without a transformative approach to proactively managing IT operations, organizations will not be able to improve service quality and cost management. Instead, IT will spend more time reacting to costly outages, have less visibility into its complex infrastructure, and thus be unable to deliver reliable and cost-effective service to the business.

The BMC Solution

BMC Capacity Optimization is at the heart of the hybrid data center. Capacity optimization is, by its very nature, proactive. It enables IT management to have views into the current and future state to assist service provisioning and re-purposing, asset purchasing, and service allocations (both infrastructure and business) in new and effective ways. BMC Capacity Optimization enables the re-allocation of resources, anticipating workload change, performance issues, and infrastructure behavior across the operation. The result is a direct, measurable impact, reducing human error and preventing service interruptions.

Rapid Results Approach

Often, BMC Capacity Optimization operates in parallel with discovery and monitoring projects, but focuses on the longer term optimization of infrastructure assets, both virtual and physical. This effort in 'resource right sizing' is designed to ensure expensive physical resources are not being wasted or underperforming. While most capacity management solutions focus primarily on servers; the BMC approach covers broader capabilities that include a full range of business services.

Leveraging BMC's Blueprint Methodology, our Rapid Results engagements use a pre-defined scope centered on installation and configuration of a new BMC Capacity Optimization model. During the project, BMC will team with you to review and plan an optimized architecture, configure base-level operating system instances, optimize a defined set of resources and services, analyze physical and virtual optimized mix, and recommend capacity allocation and related placement.

BMC Consulting Services will help you quickly understand the full breadth of the out-of-the-box functionality and best practices approach to capacity optimization. In addition, we will demonstrate how processes and procedures map to specific work instructions by role, thereby reducing the need for solution customization, speeding time to value, and reducing project risk.

Additional Services

- » **Proactive Operations Solution Planning Workshop** – Refine technology objectives, review best-in-class environments, develop your technology roadmap, and assess technology risks and change readiness
- » **Premier Support** – Benefit from proactive situational analysis, weekly support case reviews, a named support engineer and account manager, annual site visits, and a sandbox environment
- » **Managed Operations** – Use BMC for remote management and administration, staff augmentation, and expert services after go-live

BUSINESS RUNS ON I.T. I.T. RUNS ON BMC SOFTWARE.

Business thrives when IT runs smarter, faster and stronger. That's why the most demanding IT organizations in the world rely on BMC Software across distributed, mainframe, virtual and cloud environments. Recognized as the leader in Business Service Management, BMC offers a comprehensive approach and unified platform that helps IT organizations cut cost, reduce risk and drive business profit. For the four fiscal quarters ended June 30, 2011, BMC revenue was approximately \$2.1 billion. For more information, go to www.bmc.com.

Deliverables

The key deliverables for Rapid Results for Capacity Optimization are:

Plan, Analyze, Design, Build, Validate, and Deploy	Deliverables
» Two (2) out-of-the-box supported connectors	» Platform architecture
» Standard analysis and forecast modeling	» Solution design document
» Three (3) standard reports (out-of-the-box and basic)	» Capacity management process
» Three (3) extrapolation models	» Organizational model
» Three (3) resource monitors	» Capacity management governance process
» One (1) custom report	» Solution maintenance process
» One (1) custom dashboard	» Construction document, project plan, and status reports

Each BMC Rapid Results engagement follows the five phases of the BMC Blueprint Methodology illustrated below.

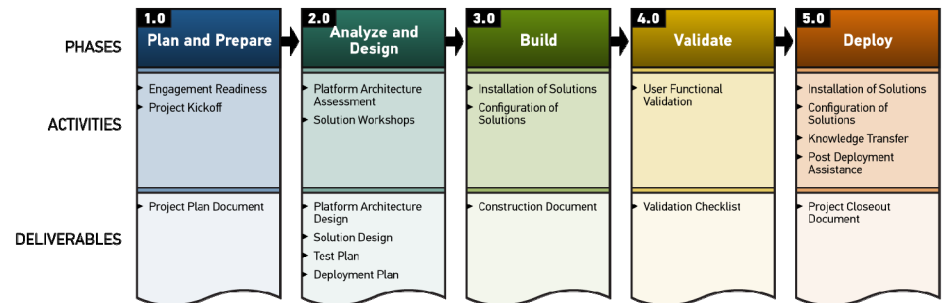


Figure 1: The BMC Blueprint Methodology

Extended Implementation

If you are interested in extending your implementation, BMC can either help you tailor your effort to cover additional operating systems instances, business service planning and tuning, proactive operational analytics, service modeling, customizations, or integrations. Extended Implementation Services are provided under a separate statement of work as either a follow-on project or in conjunction with the BMC Rapid Results for Capacity Optimization service.

About BMC Global Services

With more than 2,000 customer implementations, BMC is uniquely qualified to help you simplify and automate your IT infrastructure and processes so you can better manage business services. BMC has a consulting and education services team of more than 500 worldwide professionals committed to helping our customers achieve successful outcomes with tangible business value through Business Service Management.

For More Information

For more information about this service, please contact [BMC Consulting Services](#).