

BMC Intelligent Capping

Improve monthly license charge (MLC) bill predictability and lower costs by up to 10% while protecting critical workloads

PRODUCT DESCRIPTION

BMC Intelligent Capping for zEnterprise® version 3.0 is an innovative and patented automation solution that reduces costs by optimizing resource utilization, while keeping business-critical applications running without interruption. The elimination of manual efforts to manage capping limits on LPARs combined with automatic balancing of MSU capacity based on workload priorities, factoring in Dev/Test Solution Pricing and Mobile Pricing, helps lower MLC costs by up to 10% or more while minimizing business risk.

BUSINESS CHALLENGE

Given increasing business pressure to drive even greater efficiency in IT, a top priority for most mainframe IT departments is optimizing the platform's cost while at the same time improving performance and availability. Reducing monthly license charge (MLC) software can have a significant impact—typically 30% of the overall mainframe budget. Many organizations have attempted to use “soft capping” techniques to manually adjust capacity thresholds on logical partitions (LPARs). However manual capping is complex and time consuming, often resulting in little change to MLC charges, and sometimes these adjustments negatively impact the business by delaying one or more critical application workloads.

BMC SOLUTION

Intelligent Capping dynamically automates the optimization of allocations of service unit resources, known as Million Service Units (MSUs), across all LPARs in your environment, while ensuring the most important workloads are not delayed. The solution analyzes, simulates, and manages changes to IBM WLM Defined Capacity (DC) settings based on workload profiles, enabling IT staff to confidently lower costs. Performance optimization automatically balances increases in capacity with decreases on LPARs that have excess capacity or low-importance workloads. In addition, it offers automation across multiple IBM® Workload Manager® (WLM) groups and individual LPARs.

KEY FEATURES

BMC Intelligent Capping optimizes resource utilization while minimizing business disruption.

- **Capacity management** dynamically adjusts capacity settings across LPARs, and IBM WLM groups to maximize usage while managing costs
- **Zero balancing** intelligently balances increases in caps with equivalent decreases on other LPARs and IBM WLM groups that have excess capacity settings by intelligently factoring in MSU consumption, workload priorities, and various pricing solutions.
- **Minimal implementation risk** for gradual automation and control of capacity
- **Customized policies** allow you to complement existing capacity configurations and decision-making protocols driven by IT policy definitions

KEY BENEFITS

- **Slash MLC software costs by up to 10% or more**
- **Lower risks** of delaying high-priority, critical workloads
- **Optimize resource usage** across LPARs, and WLM groups
- **Simplify and automate** your capping to increase productivity

Risk-free Implementation of Intelligent Capping



Observe Mode



Message Mode



Manage Mode

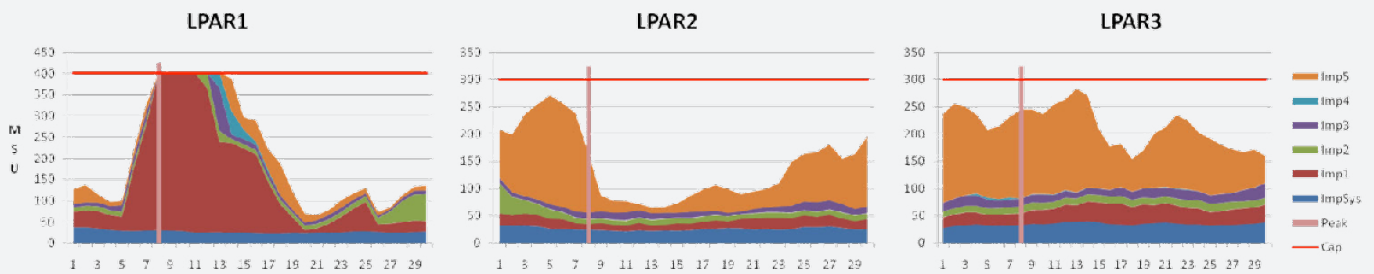
- ◀ BMC Intelligent Capping provides an easy-to-manage 3-phase implementation.


PRODUCT DETAILS

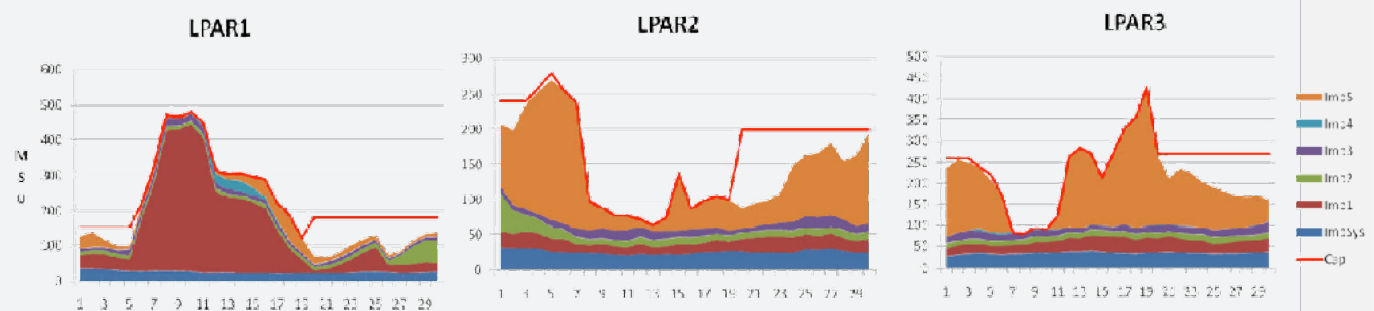
- Safe, optimized capping identifies opportunities to lower caps and reclaim unused capacity across LPARs to offset increases, generating significant savings that can be seen in your monthly MLC bill
- Helps manage and improve capping to achieve maximum cost savings
- Automates simple and complex capping strategies that were traditionally too time-consuming
- Manages capacity across multiple WLM groups or across WLM groups and individual LPARs
- A gradual implementation process provides low business risk through three operational modes: OBSERVE (collect data), MESSAGE (simulate changes), and MANAGE (take action)
- BMC Cost Analyzer for zEnterprise® provides a quick and easy view into the savings that Intelligent Capping delivers, making ROI assessment practically immediate
- BMC MainView integrates with Intelligent Capping and provides monitoring, reporting, and alert management
- Audit logs show exactly what changes are recommended and actions that are implemented over time


FOR MORE INFORMATION

To learn more about BMC Intelligent Capping, please visit bmc.com/icap



 Without Intelligent Capping: Peak = 811 MSU Peak and 1 importance workload is capped



 With Intelligent Capping: Peak = 650 MSU Peak, saving 161 Peak MSUs, and no high-importance workloads are capped

About BMC

BMC helps customers run and reinvent their businesses with open, scalable, and modular solutions to complex IT problems. Bringing both unmatched experience in optimization and limitless passion for innovation to technologies from mainframe to mobile to cloud and beyond, BMC helps more than 10,000 customers worldwide reinvent, grow, and build for the future success of their enterprises.

www.bmc.com



BMC, BMC Software, the BMC logo, and the BMC Software logo, and all other BMC Software product and service names are owned by BMC Software, Inc. and are registered or pending registration in the US Patent and Trademark Office or in the trademark offices of other countries. All other trademarks belong to their respective companies. © Copyright 2018 BMC Software, Inc.



* 4 6 3 4 0 8 *