

BMC Intelligent Capping

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

PRODUCT DESCRIPTION

Intelligent Capping for zEnterprise® version 2.0 is an automation solution that reduces costs by optimizing resource utilization, while keeping business-critical applications running without interruption. The elimination of manual effort to manage capping limits, combined with automatic balancing of MSU capacity based on workload demands, 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. 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). **But 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 service unit resources (MSUs) on each LPAR, while ensuring the most important workloads are not delayed. The solution analyzes, simulates, and manages changes to defined capacity (DC) settings based on workload profiles, enabling IT staff to confidently lower costs. It 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 or across WLM groups and individual LPARs.

Risk-free Implementation of Intelligent Capping



Observe Mode



Message Mode



Manage Mode


KEY FEATURES

BMC Intelligent Capping optimizes resource utilization while minimizing business disruption.

- **Capacity management** dynamically adjusts capacity settings across LPARs and WLM groups to maximize usage while managing costs
- **Zero balancing** intelligently balances increases in caps with equivalent decreases on other LPARs or WLM groups that have excess capacity settings
- **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

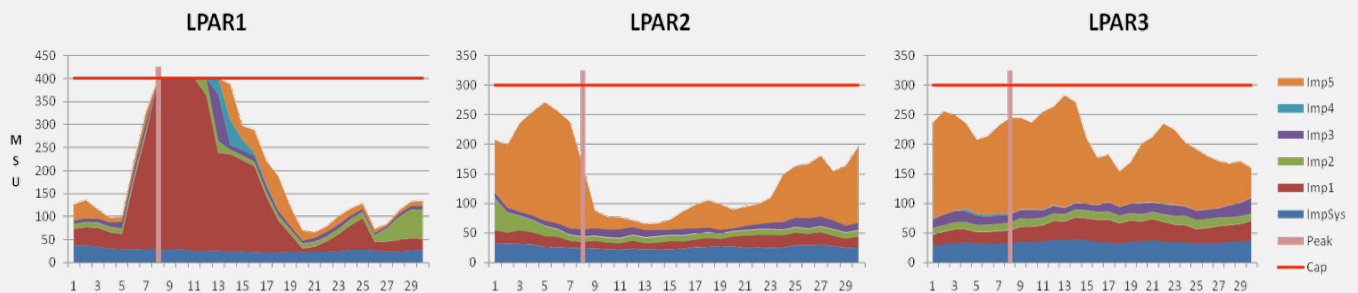
 BMC Intelligent Capping provides an easy-to-manage 3-phase implementation.

PRODUCT DETAILS

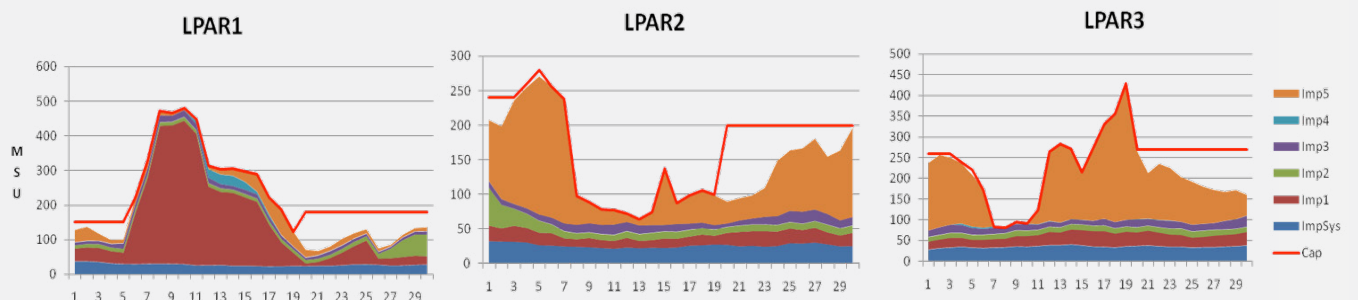
- Safe, optimized capping identifies opportunities to lower caps and reclaim unused capacity across LPARs to offset increases, generating significant savings that can be seen in your monthly MLC bill
- Helps manage and improve capping to achieve maximum cost savings
- Automates simple and complex LPAR 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
- MainView monitoring architecture provides out-of-the-box reports and alerts
- 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 and 1 importance workload is capped



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

BMC is a global leader in innovative software solutions that enable businesses to transform into digital enterprises for the ultimate competitive advantage. Our Digital Enterprise Management solutions are designed to fast track digital business from mainframe to mobile to cloud and beyond.