BMC AMI Ops Automation for Capping

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

PRODUCT DESCRIPTION

BMC AMI Ops Automation for Capping version 3.0 is an innovative and patented automation solution that optimizes resource utilization and costs, 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 TFP 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. Optimizing 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

BMC AMI Ops Automation for Capping dynamically automates the optimization of allocations of service unit resources, known as Million Service Units (MSUs), across all LPARs and 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. Remove the need for additional manpower and scripting by setting a Dynamic MSULIMIT and optimize cost efficiency. Set an aggressive MSULIMIT at the beginning of each month allowing for MSULIMITS to be raised incrementally throughout the month with a “not to exceed” threshold. MSULIMITS stay within line and automatically reset the following month.

KEY FEATURES

BMC AMI Ops Automation for 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

- **Optimize 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 AMI Ops Automation for Capping clearly shows which LPARs are at risk of being capped
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 AMI Cost Management provides a quick and easy view into the savings that BMC AMI Ops Automation for Capping delivers, making ROI assessment practically immediate.

BMC AMI Ops integrates with BMC AMI Ops Automation for Capping and provides monitoring, reporting, and alert management.

Audit logs show exactly what changes are recommended and actions that are implemented over time.

Set Dynamic MSULIMIT to allow for incremental increases with a threshold not to exceed.

Leverage BMC AMI Ops Automation for Capping to limits, taking advantage of Tailored Fit Pricing consumption models.

FOR MORE INFORMATION

To learn more about BMC AMI Ops Automation for Capping, please visit bmc.com/automation-capping

About BMC

From core to cloud to edge, BMC delivers the software and services that enable over 10,000 global customers, including 84% of the Forbes Global 100, to thrive in their ongoing evolution to an Autonomous Digital Enterprise.

BMC—Run and Reinvent