

BMC Helix Capacity Optimization

Align IT resources with business service demand

PRODUCT DESCRIPTION

BMC Helix Capacity Optimization is a capacity optimization solution that aligns IT resources with business service demands, optimizing resource usage and reducing costs.

BUSINESS CHALLENGE

As organizations adopt new technologies and cloud services that help them deliver digital services faster and more reliably, planning and managing IT infrastructure resource usage and costs becomes more complex. IT resources are now both capital and operational expenses putting more pressure on IT organizations to optimize the use of existing resources and buy new resources only when needed. New technologies such as cloud services and containers require IT organizations to have better insight into the usage and performance of infrastructure as they may not own the physical assets on which they are run. Without the proper insight into resource usage and cost, it is easy to waste resources, overspend, and experience application failures due to infrastructure constraints.

BMC SOLUTION

BMC Helix Capacity Optimization provides visibility into the entire IT infrastructure—physical, virtual, containers and cloud—so IT can easily add, remove, or adjust compute, storage, network, and other IT infrastructure resources to meet changing application and service demands. Service views, forecasting, modeling, and simulated migration capabilities provide the insight for future resource needs and the ability to control the timing and cost of new capital and operating expenditures. Self-service dashboards and reports keep project owners, business owners and other stakeholders informed.

KEY FEATURES

BMC Helix Capacity Optimization enables IT to keep pace with business services.

- Understand the health of the infrastructure for a business service, averting service failures and slow-downs
- Deploy applications on time by reserving IT resources for new applications and services when needed
- Scale up or down with the ability to forecast, model, and adjust IT resources to meet changing service demands
- Optimize costs with the insight to invest in new physical, virtual, containers or cloud IT resources only as needed
- Gain visibility across the enterprise, including physical, virtual, containers, and cloud infrastructure resources

KEY BENEFITS

- Defer or eliminate capital expenditures by 30% or more
- Reduce cloud spend with right-sized recommendations for migrating workloads
- Gain insight for transforming IT infrastructure
- Fast ROI with average payback in 9 months



View resources running a business service

PRODUCT DETAILS

Applications and IT infrastructure need to work together. BMC Helix Capacity Optimization gives IT the insight needed to balance IT resources with application and service demands.

Service Views: Gain insights into usage and performance of the infrastructure resources that are running your business services. With a business service view, you always know the infrastructure usage, efficiency and risks for any business service. A comprehensive view of the business service allows you to get a detailed view of infrastructure status at the application layer or component level. An enterprise view of all business services enables you to set priorities, see where infrastructure is run – on premises and public clouds services and understand overall usage patterns.

Business-Aware Analytics: Understanding future resource needs can be a challenge. With the ability to easily forecast resource saturation and use business KPIs to forecast resource needs for growing business demand, you have the insights needed to ensure application performance stays as expected. Advanced modeling allows you to understand how configuration changes can affect application performance and what is needed to sustain service levels. Modeling changes related to decommissioning resources, validating disaster recovery failovers, or major changes in server resources provides the insight needed for business continuity.


Simulate migrations to public cloud: Eliminate costly surprises with automated migration simulation of compute resources. Right-sized recommendations for cloud resources are provided, along with the associated cost comparisons and performance benchmarks. You can determine the best placement for workloads with both cost and performance in mind.

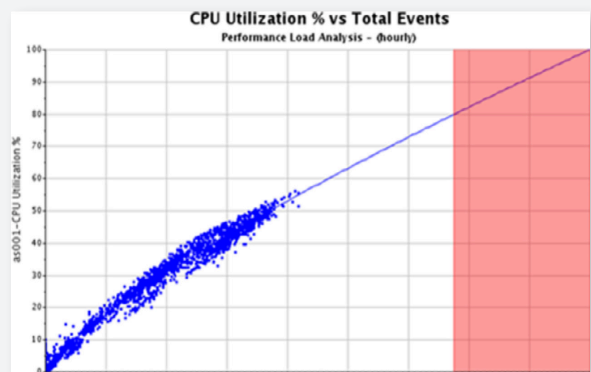
Reservations: Deploy applications and services on time with an understanding of what resources are available at the time of release. With the ability to view current resources – used and available, along with future onboarded and offboarded resources, you can reserve IT resources for future needs. The reservations view ensures you make use of what you own and have purchased and shows when new resources are needed for supporting upcoming application releases. You always have a realistic view of your IT infrastructure usage and needs.


FOR MORE INFORMATION

To learn more about BMC Helix Capacity Optimization, please visit bmc.com/capacity



 Simulate migration of workloads to cloud



 Understand resource saturation based on business KPIs

About BMC

BMC delivers software, services, and expertise to help more than 10,000 customers, including 92% of the Forbes Global 100, meet escalating digital demands and maximize IT innovation. From mainframe to mobile to multi-cloud and beyond, our solutions empower enterprises of every size and industry to run and reinvent their businesses with efficiency, security, and momentum for the future.

BMC – Run and Reinvent

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