

Service Assurance and Optimization

Continuously optimize IT resources and costs for business service assurance

PRODUCT DESCRIPTION

Service Assurance and Optimization helps IT organizations continuously and proactively optimize resources to ensure alignment with changes in business demand.

BUSINESS CHALLENGE

Scalability, faster innovation, and managing cost are top drivers for IT change today as the shift to digital services continues. They have led to the rapid adoption of new technologies such as cloud services, and modern applications based on Kubernetes, microservices, containers and pods. Hybrid IT environments have become very complex as they now encompass a mix of old and new technology across on-premises data centers, outsourced service providers; including public, private, hybrid and multi-cloud environments. IT costs and budgets now include capital and operational expenses with buyers across the organization – both inside and outside of IT. Managing this diversity while continuing to focus on agile development and service delivery creates new challenges for ensuring operational efficiency, minimizing risk, and controlling capital and operational spend.

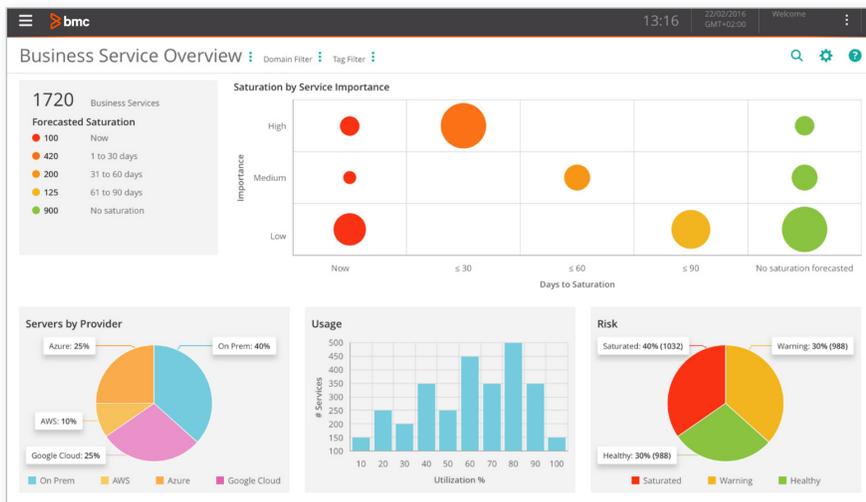
KEY FEATURES

Service Assurance and Optimization continuously optimizes IT resource use and cost

- Self-service views of cost, budget and resources
- Visibility into the risk, efficiency and cost of IT resources for business services and applications
- Automated optimization recommendations and actions based on AI-fueled insights and machine learning

KEY BENEFITS

- Prevent application slowdowns and failures
- Eliminate wasted IT resource spend
- Plan for cloud migrations
- Support changes in business demand
- Keep budget owners and stakeholders informed



[View business services and IT resources.](#)

BMC SOLUTION

Service Assurance and Optimization helps you plan and budget for the IT resources needed to deliver service excellence. It contains the intelligence, analytics, insights, and automation needed to continuously optimize your environment, and meet customer expectations while minimizing costs.

Visualize business service resources and costs: View data center, physical, virtual and cloud resources; as private, public, hybrid, and multi-cloud; and associated costs for your business services and applications. Increased visibility is also extended to modern application resources including those based on Kubernetes, microservices, containers, and pods. Gain insights into the risk, use and providers of IT resources with the ability to drill down to the device level. Integration with BMC Helix Discovery and your CMDB provide a consistent view of resource usage and cost.

Optimize resource and spend: With AI-fueled intelligence, machine learning, and analytics areas for resource and cost optimization are automatically identified. Automated actions for right-sizing resources and terminating unused resources, such as idle virtual machines, can be implemented to immediately obtain cost savings.

Plan for changes in business demand: Use predictive analytics and business KPIs to determine the IT resources you need to support increases in business demand due to special

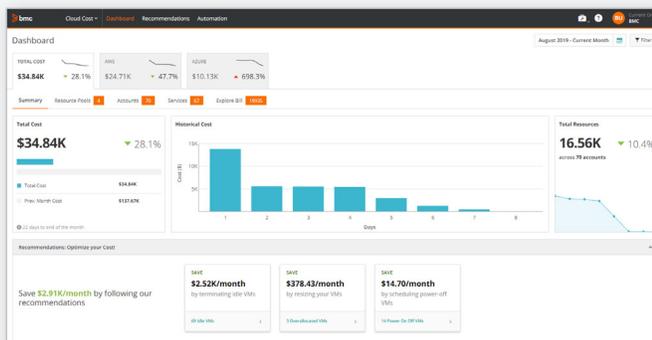
events or business growth. “What-if” modeling provides insights to the best resource configurations, location and cost so you can make informed decisions and prevent application performance slowdowns or failures.

Simulate migrating workloads to cloud: Plan for cloud migrations with automated right-sized recommendations for cloud resources and cost comparisons across cloud service providers. Performance comparisons for on-premises and public cloud services and “what-if” analysis for selecting service type, regions and provider enable you to plan your cloud operational budgets based on forecasted purchases.

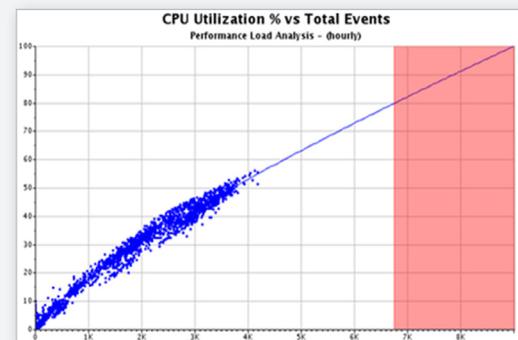
Control cloud cost: Budget owners, business owners and project leaders can control their cloud expense with self-service views that provide visibility and insights into their cloud spend and budget. Prevent budget over-runs with automated alerts of unexpected spending and automated recommendations for reducing expenditures.

FOR MORE INFORMATION

To learn more about Service Assurance and Optimization, please visit bmc.com/optimize



View a summary of cloud resource usage and spend.



Model saturation of resources based on business KPIs.

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

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