

Discover and Optimize

SOLUTION DESCRIPTION

The BMC Helix Discovery and BMC Helix Capacity Optimization solution set discovers and maps IT infrastructure resources to applications, identifies dependencies, and uses advanced analytics and machine learning to automate optimization of resource usage and cost.

BUSINESS CHALLENGE

The shift to DevOps has made applications and business services the nucleus for many IT operations, including effective IT resource management. The adoption of Cloud services has made IT organizations cognizant of the need to better manage their IT infrastructure resource usage and costs.

There are new challenges for managing IT infrastructure resources including migrating workloads and applications to cloud, decommissioning IT resources, and consolidating data centers as mergers and acquisitions occur. Organizations can no longer rely on manual estimates or a best guess with today's complex hybrid IT environments that affect both IT capital and operational budgets.

BMC SOLUTION

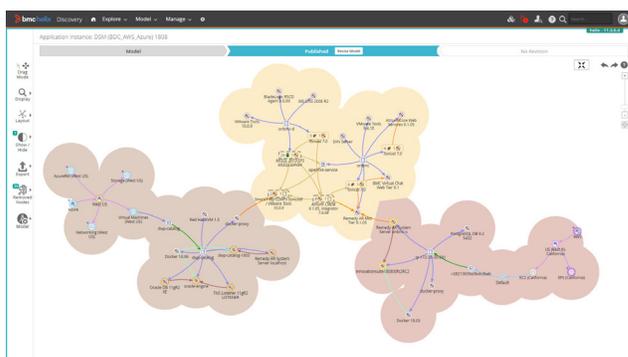
Effective cost and capacity optimization starts with understanding the assets you own and the applications and business services that are using them. BMC Helix Discovery identifies your IT assets, the applications that use them, and the dependencies that exist. Using this intelligence, BMC Helix Capacity Optimization provides you the insights needed to plan for new business services and growing demand and optimize the use and cost of your current IT resources and investment.

KEY FEATURES

- Automatically detect ghost servers and orphaned storage for reclamation
- Simulate cloud migration of workloads and applications
- Model data center changes such as consolidation, configuration changes and disaster recovery scenarios
- Ensure applications have IT resources needed to ensure performance and expected user experience

KEY BENEFITS

- Reduce IT on premises and cloud resource costs by 30%
- Predictable IT cloud migration for operational budget planning
- Eliminate infrastructure related application performance problems
- Reduce staff work by 70% with automated recommendations and insights



Discover resources, services and application and map dependencies

PRODUCT DETAILS

Before any change can occur, you must first understand what you have. BMC Helix Discovery maps out your current IT hardware, software and services and visually identifies dependencies. BMC Helix Capacity Optimization provides the insights and recommendations to optimize the use and cost of your IT assets.

Asset Discovery: IT teams and cloud buyers often lose sight of infrastructure resources, forgetting to terminate resources when they are no longer used. This leads to ghost servers and orphaned storage that remains unused, often at a high cost. Discover all of your assets – on premises and cloud, used and unused – and ensure IT resources are being fully utilized.

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.

Simulated Migration: Eliminate costly surprises with automated migration simulation of compute resources. Right-sized recommendations for cloud resources are provided,

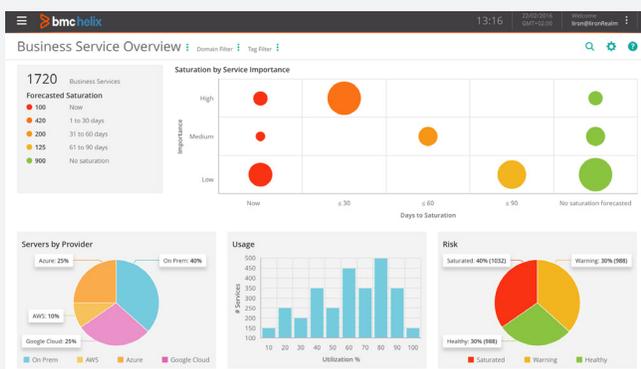
along with the associated cost comparisons and performance benchmarks. You can determine the best placement for workloads with both cost and performance in mind.

Model and Forecast: IT environments are in constant change. Forecasting resource needs for growing demand, consolidation of data centers, replacing hardware, and disaster recovery validation are just a few of the events that perpetuate infrastructure change. Model and forecast changes before they occur to ensure applications and business services have the right resources for expected performance.

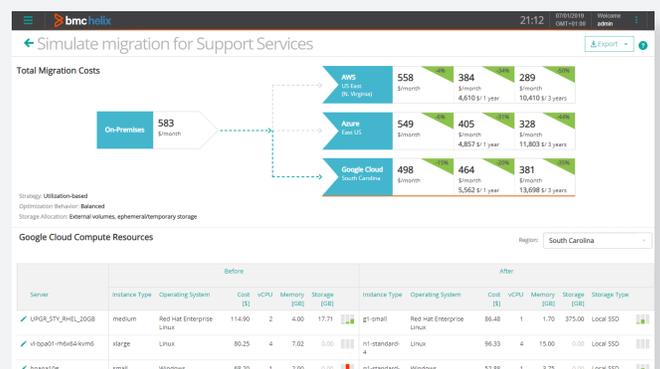
Optimize: Organizations often over-estimate the capacity needed for workloads and applications. Using machine learning, automated recommendations for right-sizing resources are provided so you can increase or decrease resources as needed. In addition, unused resources are automatically identified so you can reclaim and repurpose them. Eliminate wasted capacity and wasted spend.

FOR MORE INFORMATION

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



Business service views of infrastructure resources



Plan for migrating applications to cloud services

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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