IBM Turbonomic

Continuously assure application performance while minimizing cost

Highlights

Put datacenter operations on autopilot

Continuously optimize spend across your cloud journey

Maximize ROI of next generation Kubernetes platforms

Support sustainable business operations and growth

In today's business landscape, complex applications play a pivotal role, demanding constant attention from your teams to keep up with ever-changing demands. Unfortunately, when application performance deteriorates, teams find themselves responding reactively and at a human pace, addressing the issue after the fact. This reactive approach can lead to disruptions, and in an attempt to prevent them, you may end up overprovisioning resources for your cloud environment. As a consequence, your cloud bill swells, and your return on investment (ROI) fails to meet expectations, leaving you dissatisfied with the outcome.

With IBM® Turbonomic® software at your disposal, you can bid farewell to guesswork and embrace streamlined operations and reduced costs. Our software empowers you to automate critical actions seamlessly and in real time, without the need for human intervention. IBM Turbonomic ensures that your applications receive the correct allocation of compute, storage and network resources at every layer of the stack. By continuously optimizing resource allocation, you can save valuable time and achieve optimal cost optimization for your organization.

IBM Turbonomic is available as a SaaS solution deployable in various regions including the US, EU (Frankfurt), UK (London) and AP (Sydney). Explore the IBM Turbonomic trial to experience the software firsthand and discover its full potential.

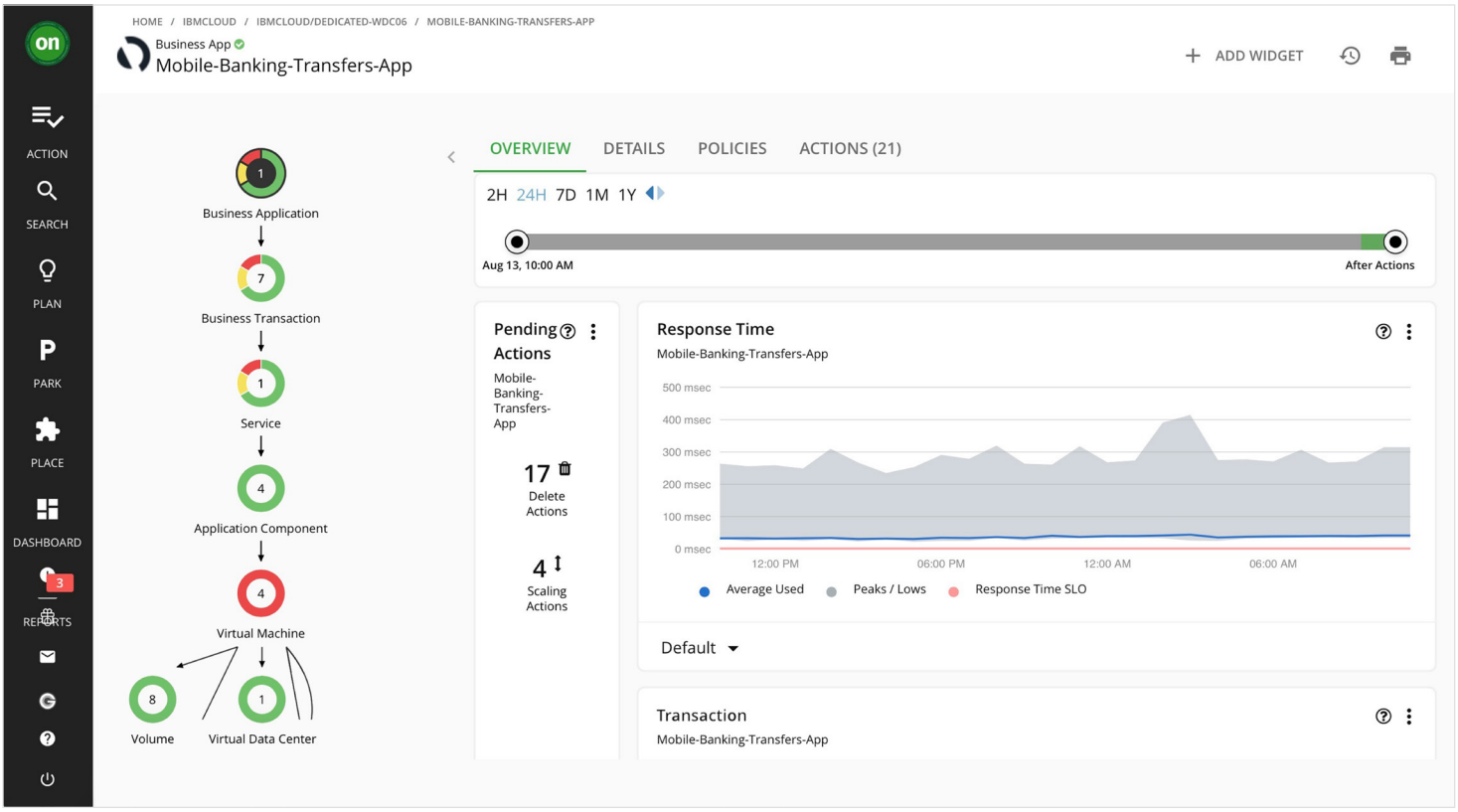

Figure 1. Correlate app response-time, transaction throughput, or other SLOs to dynamic resourcing.

Achieving real business outcomes requires continuous optimization to be automated at scale.

App-first, demand-based analysis helps ensure actions can be safely automated across Kubernetes, Azure compute, storage, DbaaS and more. Turbonomic helps you run Azure Virtual Machines, Azure Storage, Azure SQL Database and Azure Kubernetes Services (AKS). Turbonomic helps you integrate with almost any pipeline, IaC, ITSM or communication tool in your organization. These include Red Hat® Ansible®, Azure DevOps, GitHub, GitLab, Jenkins, Puppet, Slack, Terraform and many others. Build trust with AppDev by showing exactly how automating application resourcing can impact on the customer experience, affecting response time or other business SLOs.

Put data center operations on autopilot
With IBM Turbonomic, you essentially put your data center operations on autopilot. Safely automate your virtualized, private cloud and hybrid cloud infrastructure, helping ensure seamless and efficient operations. Our cutting-edge solution offers a wide array of key use cases, including continuous compute and storage placement, VM rightsizing, capacity management, supercluster optimization, and more. By harnessing the power of IBM Turbonomic, you can free up your teams from tedious manual tasks, enabling them to focus on innovation and drive growth.

Continuously optimize spend across cloud journey
With IBM Turbonomic, you can plan your cloud migration and optimize your on-prem workloads before assessing the most appropriate cloud configuration. Our platform automatically resources applications across compute, storage, DBaaS, and Kubernetes ensuring continuous cloud optimization. IBM Turbonomic supports AWS, Microsoft Azure, and Google Cloud. Regardless of where your workloads currently run, or where they will run, you can optimize with IBM Turbonomic.

Maximize ROI of next-generation Kubernetes platforms
Through continuous optimization spanning from applications to the platform to the infrastructure, the innovative approach of IBM Turbonomic unlocks cloud native elasticity at every layer. By streamlining operations, minimizing labor and associated costs involved with Kubernetes, IBM Turbonomic can significantly minimize the costs and labor associated with Kubernetes. Notably, IBM Turbonomic supports all upstream versions of Kubernetes including EKS, GKE, AKS and Red Hat® OpenShift®.

Support sustainable business operations and growth
IBM Turbonomic helps you optimize application resource consumption, whether within the data center, the public cloud, or both. Your businesses can improve your long-term energy consumption profile, helping make a positive impact on your environmental footprint. This can not only translate to cost savings, but also reflects your commitment toward environmental responsibility.

Conclusion

With the implementation of IBM Turbonomic software, you can continuously assure your applications performance as well as optimize costs. The software provides real-time automation of critical actions without human intervention, helping ensure optimal allocation of compute, storage and network resources. The continuous optimization by IBM Turbonomic can deliver real business outcomes and results for your applications, your bottom line and your sustainable IT goals.

Why IBM?

IBM is one of the few companies with AI-powered automation capabilities that bridge business and IT. IBM clients use these technologies to continuously and automatically achieve better application performance and governance across hybrid and multicloud environments. IBM offerings are designed to help you fully automate actions so applications get what they need to perform while adhering to your specific business policies.

For more information

To learn more about IBM Turbonomic, contact your IBM representative or IBM Business Partner, or visit ibm.com/products/turbonomic.

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