

Turbonomic Application Resource Management for Azure

Performance and Cost Challenges:

Few industries are under intense scrutiny and regulation as healthcare, all the while being required to deliver life-saving services. With the adoption of the public cloud such as Microsoft Azure, healthcare organizations are enjoying the cloud's elasticity and agility it offers. Still, applications and cost management can be complicated, time-consuming, and already beyond human scale. Many Healthcare and Life Science (HCLS) organizations are facing rapid changes in their operations due to COVID-19; the demand for reliable IT services and applications is more critical than ever before.

Key Benefits for Healthcare IT/Cloud Administrators:

- Improved application performance and response times by 25%+. Assure critical workloads, including EMR/EHR and PACS, are continuously resourced to perform at the highest level possible
- Improve cloud efficiency by 30% or more, unlocking elasticity at scale
- Average of 30% decrease in IT incidents/tickets and in MTTR

“Not only did we grow our footprint by over 30% in the public cloud, we actually reduced our monthly operating costs. So for us it translated to direct monthly savings that we saw, but it still allowed us to grow in an area that we wanted to expand in.”

AVP, IT Engineering & Architecture, Major US biopharmaceutical company (\$32B revenue)



Why Turbonomic for Azure?

As a Microsoft Partner, Turbonomic is the only solution that continuously assures application performance and enforces policy compliance at the lowest possible cost across your Azure environment.



Fast Cost Optimization

- Deployed in minutes on-premises, Azure Marketplace (with SaaS option available)
- Application demand driven optimization
- Azure Quota, Availability Sets, and Scale Sets awareness
- Easy to use Action Automation and approval workflows

Application Driven

- Integrates with leading Application Performance Monitoring (APM) tools to make application-driven resourcing decisions in the cloud
- Supports leading APMs: Microsoft Application Insights, AppDynamics, New Relic, Dynatrace, Prometheus and Datadog

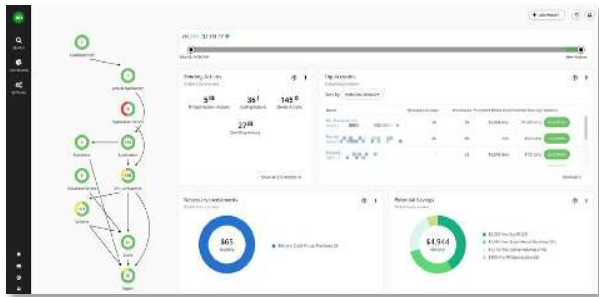
Fully Automated

- Continuously and automatically assures performance with advanced scaling actions for VMs and Databases leveraging new-gen SKUs, price reductions and Promo codes.
- Clean up unused volumes manually or automatically

Advanced RI Analysis

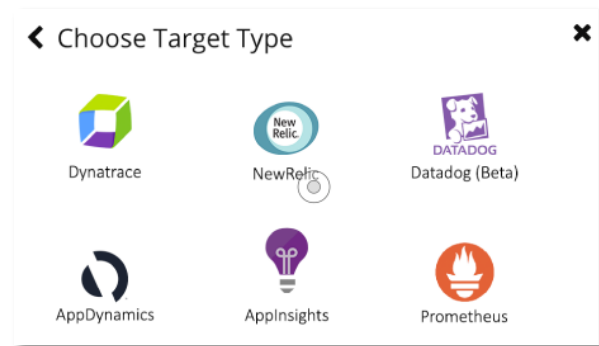
- Increase RI Coverage with RI purchases that factor resources utilization
- Maximize RI Utilization with automated RI-Aware scaling actions
- Cloud Migration planning with accurate RI purchasing recommendations for VM and SQL services

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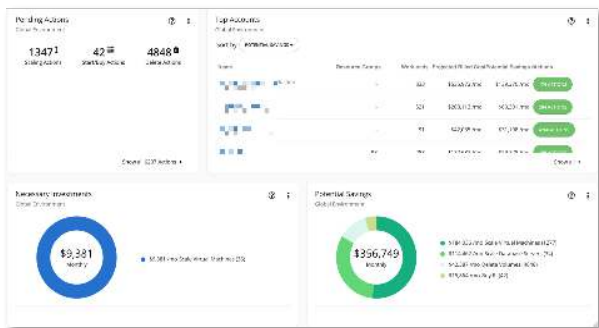
Next-Generation Cloud Optimization for Azure

Deploy Turbonomic’s agentless platform for comprehensive visibility and control of the entire Azure deployment, subscriptions to resource groups including VMs, SQL Databases, and AKS clusters. Turbonomic will continuously generate scaling, delete and reservation purchasing actions to assure performance at the lowest cost. Turbonomic offers a fully managed SaaS Option for cloud optimization.



Application-Driven Optimization in Azure

Turbonomic integrates with Application Performance Monitoring (APM) tools, such as Microsoft Application Insights, leveraging application metrics such as heap utilization and response times to make smarter optimization decisions in the cloud. Turbonomic assures application performance while providing complete visibility into the application stack to help bridge the gap between App owners and Cloud operations teams.



Accelerate & De-Risk Cloud Migrations

Turbonomic’s hybrid platform empowers healthcare organizations to accelerate cloud migration projects with a data-driven cloud migration planning engine. Turbonomic enables workload migration planning to Azure VM service and Azure SQL Database Managed Instance Service. Results include optimized compute SKU, storage tier selection based on observed IOPS, and Reserved Instances (RIs) purchasing recommendations.

Why Turbonomic?

Turbonomic, leveraging Application Resource Management (ARM), is transforming the way people and organizations optimize their cloud, infrastructure, and network resources to support their business applications. Our mission is to be the go-to partner for assuring the performance of any application on any platform. We help manage the increasing complexity of the full stack of application resources to continually deliver the best end user experience. By delivering an integrated platform and empowering an ecosystem of strategic partners such as Cisco, IBM, Microsoft and AWS, we are assuring application and network performance for thousands of organizations including twenty-five percent of the Fortune 500. Our vision is that every application always gets the resources it needs, and users never have to wait for an application. To learn more, visit turbonomic.com

Find Out More

To learn more please visit the [Turbonomic product page](#) or request a free 30-days evaluation [here](#).

To engage with Turbonomic please email azure@turbonomic.com.