

IBM Turbonomic

for Red Hat OpenShift

Optimization you can continuously automate to *prevent* performance risk & cost overruns.

Software (not people) continuously makes complex resourcing decisions to ensure all applications get exactly what they need to perform.



Improve application performance



Increase IT productivity

33% reduction in public cloud spend due to dynamic scaling and workload resizing¹

75% improved infrastructure utilization and avoided annual refresh costs by 75%¹

70% with understanding of application demand, avoided required infrastructure growth spend by 70%¹

Automation unlocks the business value of Red Hat OpenShift

Application-aware and full-stack. See how dynamic resourcing impacts app response time.

Multidimensional analysis ensures actions are actionable and trustworthy—safely automate!

Operationalize automation by integrating actions into pipelines, processes, and workflows.

Confidently assure application performance on OpenShift

Increase deployment frequency

Accelerate the onboarding of more applications to OpenShift, Turbonomic ensures apps continuously perform at the lowest cost.

Scale apps & infra based on SLOs

Horizontally scale microservice applications and the underlying OpenShift cluster based on app response time or business SLOs. It's the smarter way to drive elasticity on-prem or in the cloud.

Minimize manual labor

DevOps and SRE teams avoid the guesswork of rightsizing containers and setting pod (HPA) or infrastructure autoscaling policies. Instead, software correctly determines OpenShift's hundreds of cluster and configuration parameters.

Accelerate migration to OCP 4.X

Safely accelerate migration from OCP 3.x to OCP 4.x across any cloud—IBM Turbonomic automatically determines how existing services on OCP should be sized, based on app demand. Optimize what you have right now, then run a plan to determine how much cluster capacity is required in OCP 4.x to support existing services running on OCP 3.x.

Supports Red Hat OpenShift anywhere including architectures of x86, Power and zLinuxONE; as well as Cloud Providers, including AWS, Azure, Google Cloud, and IBM Cloud

Live sandbox at

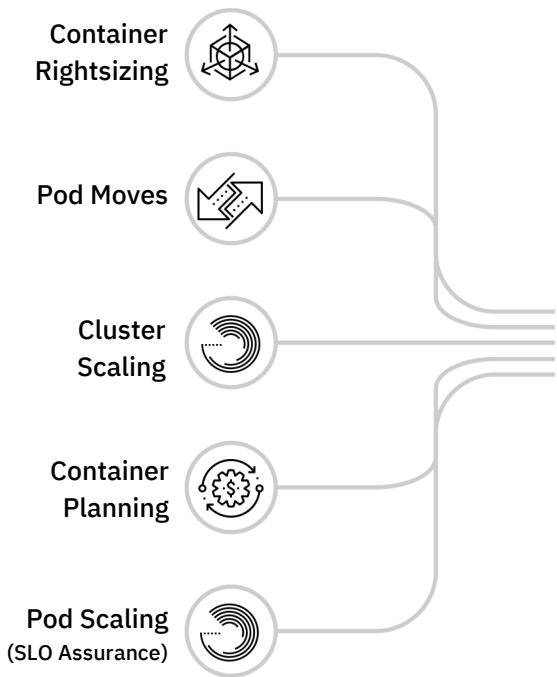
ibm.com/products/turbonomic

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

ACTIONS

OPERATIONALIZED

BUSINESS IMPACT



Integrate with any pipeline, IaC, ITSM, or communication tool in your organization!

- Ansible
- Azure DevOps
- GitHub
- GitLab
- Jenkins
- Puppet
- Slack
- Terraform

...and more!



Build trust with AppDev by showing automation's impact on the client experience.



24x7

LOW APPLICATION-RESPONSE TIME



70%

REDUCTION IN TICKETS



11%

IMPROVEMENT IN NODE DENSITY

“We trust Turbonomic’s automation to give our applications exactly what they need to perform, running in the background and keeping response times low. The results have been transformative for our business and our customers,” says Freitas. “It’s also given our team time back to work on new projects for SulAmérica.”

Emerson Freitas
Analyst Technology Leader of NOC & Web
SulAmérica

SulAmérica automated continuous pod placement in their production environment, as well as intelligent container rightsizing in their Dev environment.

In January and February of 2021, Brazil was in the throes of the COVID-19 pandemic and their SulAmérica Saude App saw a significant spike in demand. With Turbonomic dynamically adjusting the resources to meet that demand, application response times for these mission-critical services were kept low.

With the time SulAmérica has gotten back by automation Turbonomic, the team has been able to focus on strategic projects for the business.

