

# Optimize VMware environments with IBM Turbonomic®

Automate your VMware environment to assure performance and reduce cost

It has increasingly become common to utilize both VMware for hypervisor needs and Kubernetes for container orchestration. However, efficiently managing these diverse environments while ensuring optimal application performance can be challenging.

IBM Turbonomic is a comprehensive solution for teams reporting high infrastructure costs, low utilization, and overprovisioning issues. Turbonomic automatically optimizes application resourcing levels across VMware and OpenShift Virtualization environments to dynamically scale resources with business needs to ensure optimal performance.

## Continuous compute placement

Turbonomic periodically observes the application stack that encompasses applications, platforms, and infrastructures to ensure that Virtual Machines (VMs) workloads have optimal resources and guaranteed performance by continuous VMs placement.

## VM rightsizing

Turbonomic employs a dynamic approach to rightsizing resources, assuring optimal performance while minimizing cost with automated rightsizing. Turbonomic can size your virtual machines vCPU and vMemory to meet the rise and fall in demand.

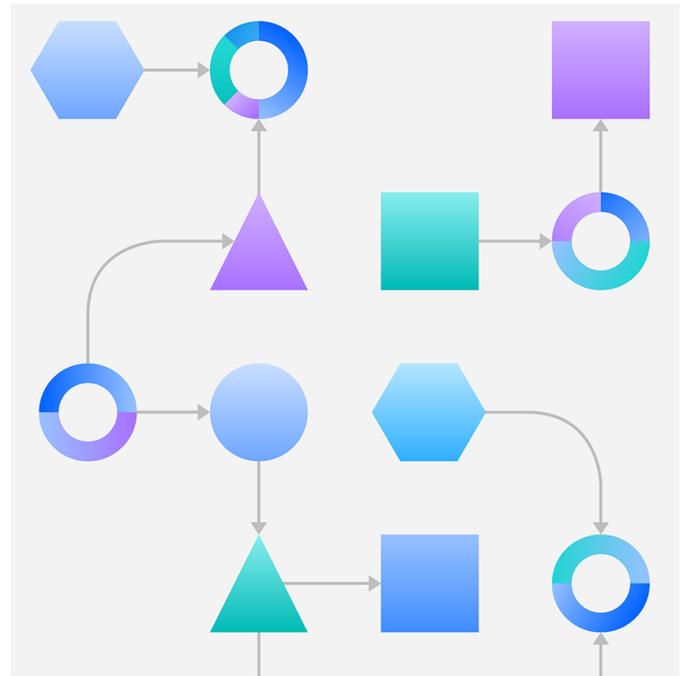
## For more information

To learn more, contact your IBM Business Partner:

Qemyt Consulting

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<https://qemyt.com>



## Capacity management

Turbonomic uses an accurate real-time view of the environment to simulate changes you define, such as how much physical infrastructure you need to support growth, migrate workloads, and shut down what isn't needed.

## Cross cluster optimization

Turbonomic enables you to create “super clusters” or virtual pools that allow you to move between clusters and vCenters when demand increases. This delivers more elasticity and better performance in your data center.

## OpenShift VMs Resource Optimization

Turbonomic applies its AI-driven autonomic control to Kubernetes clusters, ensuring optimal resource allocation and performance for containerized applications and Virtual Machines (VMs) workloads.

## Seamless Hybrid Management

It will facilitate unified management across VMware and OpenShift Virtualization, providing a consistent approach to resource optimization and cost reduction.

By intelligently managing applications and aligning resource supply with demand across both VMware and OpenShift Virtualization, Turbonomic helps organizations achieve higher productivity, improved efficiency, and flexibility in moving between hypervisors and clouds.