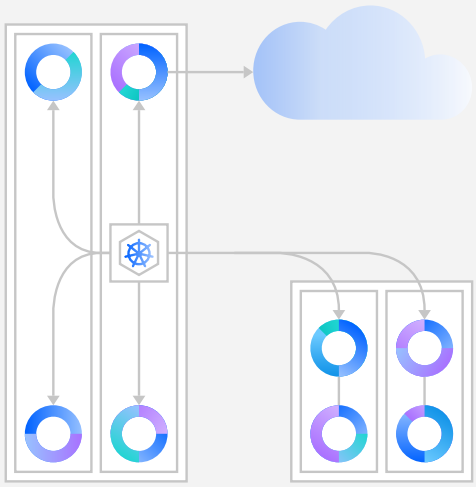
Optimize Kubernetes for performance and cost efficiency

Turbonomic automation takes care of your applications so that you can focus on business transformation



You invested in containerization and Kubernetes to reap the benefits of elasticity, resiliency and speed to market. But traditional metrics such as availability and latency don't solve for performance in dynamic multicloud or containerized environments, and you need your applications to perform optimally at the lowest cost.

The IBM® Turbonomic® platform automatically determines the right resource allocation actions—and when to take them—to help ensure your Kubernetes environments and mission-critical apps get exactly what they need to meet your service level objectives.

Turbonomic is purpose-built to enable teams to automate and quickly achieve significant and continuous results. Developers, DevOps and site reliability engineers don't need to set thresholds, constraints or autoscaling policies. The software determines optimal resourcing decisions and provides actions you can automate to optimize resource usage. AI-powered insights integrate with your DevOps workflows, helping ensure the performance of new and existing services.

Container rightsizing
Provision CPU and compute resources accurately and scale container resource requests and limits based on workload demand to help reduce cloud costs.

Continuous pod moves
Move pods automatically to avoid resource congestion, and defragment the cluster without disruption.

Intelligent cluster scaling
Identify when pods have too little or too much cluster capacity and provide actions to adjust accordingly, keeping costs to a minimum without affecting performance.

Container planning
Simulate how to optimize your existing environment to unlock capacity for growth so that you can expand your digital initiatives while remaining committed to Kubernetes cost and resource management.

IBM Turbonomic allows your applications to run smoothly, continuously and efficiently. The solution automatically sizes containers, moves pods and scales clusters based on app demand, helping ensure you're optimizing Kubernetes for performance and cost-efficiency.

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