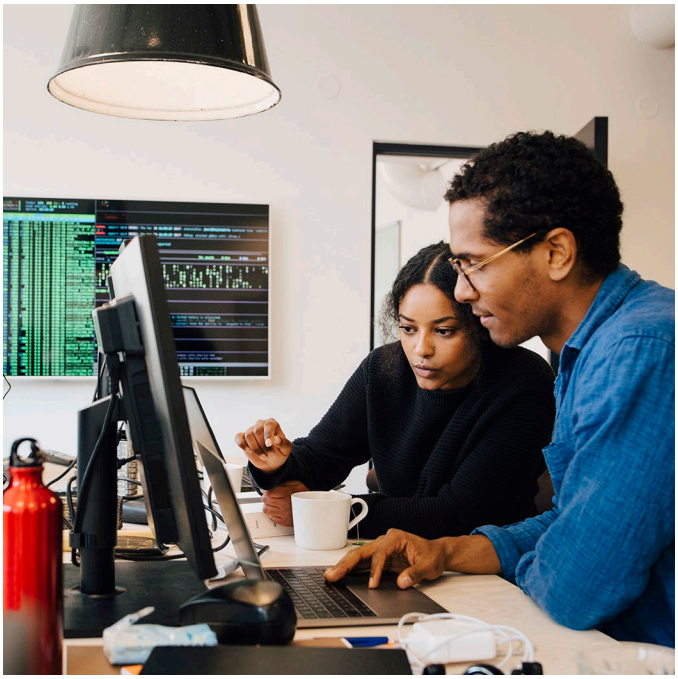
IBM Instana

Automated resource optimization

Assure performance while driving savings and reducing wastage



Today, SRE and DevOps teams are challenged with complexity of IT environment and increasing cloud spend, more than ever. These teams want to ensure that the applications they are using are performing optimally based on pre-defined service level objectives and indicators (SLOs and SLIs). With an increase in business focus towards managing cloud costs and reducing wastage, these teams lack visibility into resource costs, budgets and optimization opportunities.

Better together, IBM Instana and IBM Turbonomic

- IBM® Instana® automated resource optimization powered by IBM® Turbonomic, provides the application SRE with infrastructure management awareness, allowing the proactive maintenance of application health and performance.
- Instana users get a historical record of which actions were executed by Turbonomic and the performance impact on the applications being observed.
- This allows users to monitor applications and execute all resourcing decisions from a single place in context, based on real-time data and demand.

This integration provides the following benefits:

Reduce performance risk

Get visibility into your full application stack and get proactive resource optimization recommendations. These optimizations can help drive better performance, efficiency, compliance readiness and savings for hybrid (self-managed) and cloud-native or Kubernetes workloads.

Reduce MTTR and MTBF

The high-fidelity data of Instana helps you quickly detect performance issues and pinpoint their root cause. The Turbonomic integration provides automated resource optimization actions, in context of an incident helping you minimize resource congestion, leading to reduced mean-time-to-repair (MTTR) and mean-time-between-failures (MTBF).

Reduce cloud waste

With this integration, you get enhanced visibility into your cloud and Kubernetes resource costs, since the optimizations are recommended for underutilized or overprovisioned resources helping reduce cloud wastage.

Integrating Turbonomic into Instana helps ensure applications are dynamically resourced to meet the desired performance needs without wasting resources or increase in cloud spend.

To learn more about this integration, visit this web page.