

Turbonomic Application Resource Management for IBM Cloud® Paks

Dynamically resource applications to absorb shifting user demands and deliver target response times

Meet the challenges of an app-driven world

Imagine having full-stack visibility from applications to containers to physical infrastructure, cloud and the edge.

More than just observability, it's about understanding the relationship of multicloud resources to application performance metrics like response time, throughput and real business metrics. With Turbonomic Application Resource Management for IBM Cloud Paks, you get actionable insights to improve performance, stay compliant with your business policies and eliminate waste.

When a CIO wants to know about application status, you can drill down to see exactly what is going on and immediately understand if any resources are constrained—and know exactly what to do about it. Now the business can have a single source to help teams get things done faster and do their jobs better.

Benefits

Improve application performance

Using the principles of supply and demand, a real time analytics engine can execute resourcing actions when and how you want them—automatically, in real time.

Faster time to market

Let software manage IT complexity so your teams can focus on business innovation and get new products and new services to market faster.

Unite application, infrastructure and network teams

Gain full-stack visibility and observability in real time, and over time provide a common understanding of how infrastructure impacts performance.

Reduce business risk

By driving continuous application health instead of chasing problems, you can avoid the cost of downtime and prevent performance degradation, minimizing customer frustration.

Increase IT productivity

Automatically manage resources based on real-time demand, driving continuous application health and unlocking elasticity in multicloud resources.

Improve cloud efficiency

Instead of employing a strategy of costly overallocation, give applications the resources they need when they need them and minimize your data center space and power requirements.

Highlights

- AI simultaneously optimizes application performance, compliance and cost in real-time.
- Make decisions based on an understanding of dependencies at every layer of the stack.

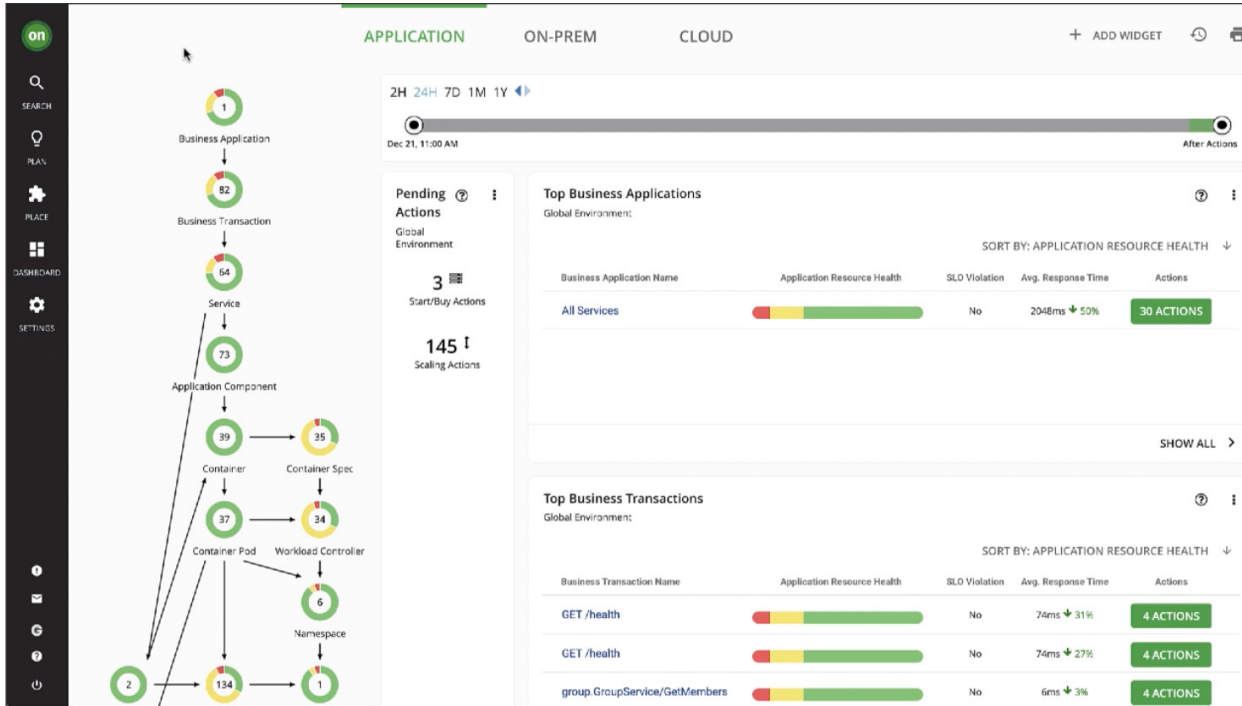
Capabilities

Extend the power of application resource management with a single platform:

Use a top-down driven approach, whether on containerized, virtualized or cloud-based infrastructure.

Understand the relationship between resources consumed and the performance of your applications, in every layer of the stack.

Diagnose risk levels at your business application layers.



Turbonomic with Instana provides full stack visibility and insight.

Summary

Select the consumption-based AI solution that lets applications choose their own resources, eliminating waste and taking the guesswork out of performance assurance.

Turbonomic Application Resource Management for IBM Cloud Paks provides the next generation of IT infrastructure management, with application-aware resourcing enabled at installation. A unified platform, together with trustworthy actions, enables coordinated, full-stack automation. Continuous health ensures application performance.

Turbonomic Application Resource Management for IBM Cloud Paks drives application performance while maximizing efficiency and maintaining compliance throughout the application lifecycle.

Why IBM?

Applications choose their own resources through insight, analytics and actions at every layer of the application and infrastructure stack. Turbonomic Application Resource Management for IBM Cloud Paks dynamically resources the application for performance, absorbing peak demands and adhering to your business policies. The consumption-driven approach is continuously self-actioning and extensible, allowing consumers to move away from manual allocations and guesswork for simpler, dynamic and trustworthy resourcing across private and public clouds.

For more information

To learn more about Turbonomic Application Resource Management for IBM Cloud Paks, please contact your IBM representative or IBM Business Partner, or visit ibm.com/cloud/turbonomic.

© Copyright IBM Corporation 2021

IBM Corporation
New Orchard Road
Armonk, NY 10504

Produced in the United States of America
June 2021

IBM, the IBM logo, ibm.com, IBM Cloud and IBM Cloud Pak are trademarks or registered trademarks of International Business Machines Corporation, in the United States and/or other countries. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the web at "Copyright and trademark information" at www.ibm.com/legal/copytrade.

