Turbonomic ARM

Application Performance Assurance

Infrastructure resource starvation is the most frequent cause of application performance degradation

Turbonomic Application Resource Management Platform
Full Stack Visibility from Apps to Infrastructure

Turbonomic Supply Chain

Siloed Teams

Unique Tools

Different Data

Applications

Application Management	Application Performance Monitoring	
PaaS/Containers	Container Scheduler	
	Containers/Pods	
SDDC	Virtualization	
Hybrid Cloud	Private Cloud	Public Cloud / Edge Cloud
Network	SD-WAN	
	SDN / WiFI	

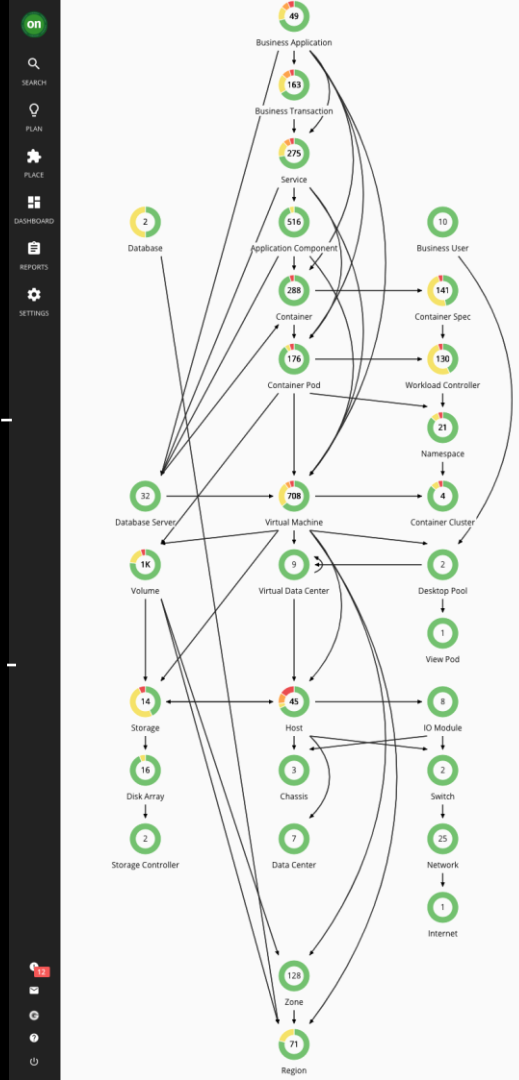
Resources

LoB/App Teams

Cloud Teams

Infrastructure Teams

Network Teams



Turbonomic Platform

Assuring performance for modern applications

Deliver a predictable and reliable end user experiences by continuously assuring application performance

Improve operational efficiency by reducing infrastructure and cloud waste

Adhere to any compliance and business policies

Let’s see it in action!

Mark

Enterprise SRE Manager

Application performance prioritization

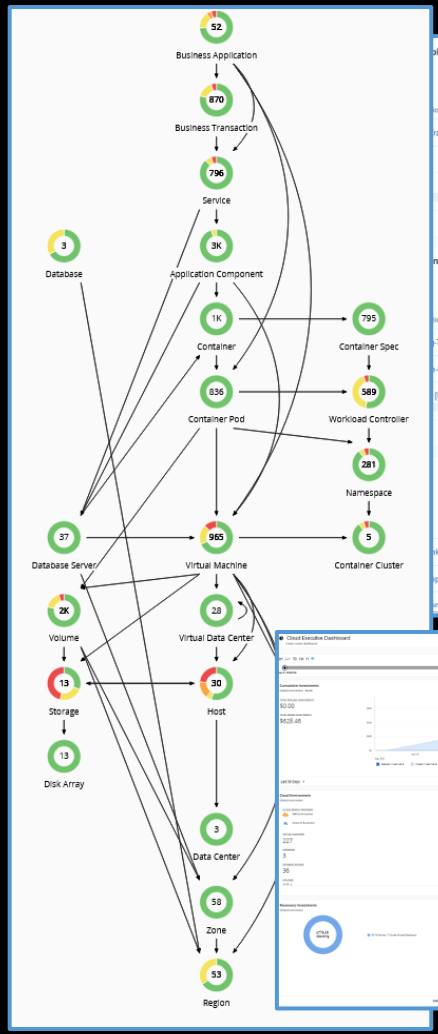
I want to identify the top applications where performance can be improved and assess the benefit to the end user.

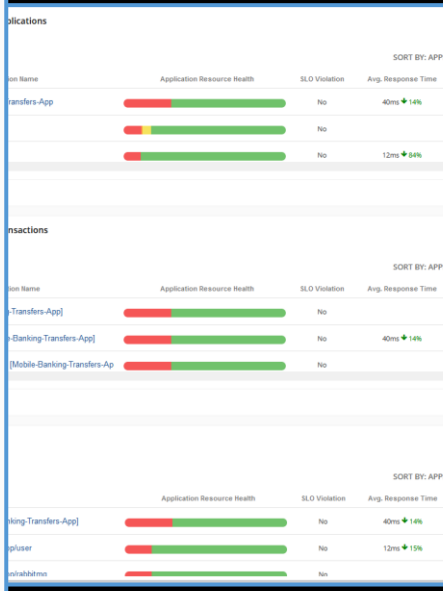
Put performance assurance on autopilot

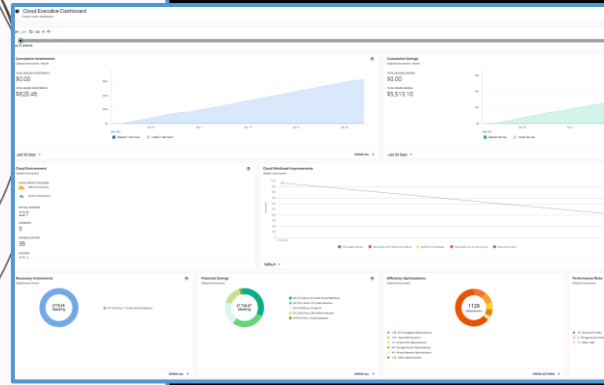
I want to delegate next best action decisions to a trusted and proven ML and AI engine to continuously optimize performance and reduce resource utilization with low/no touch.

Cost savings across clouds

I want to assess and optimize overall resource utilization across my cloud and on-premises deployments to reduce my overall spend.







Let’s see it in action!

Eddie

Application SRE

Assure application performance & availability

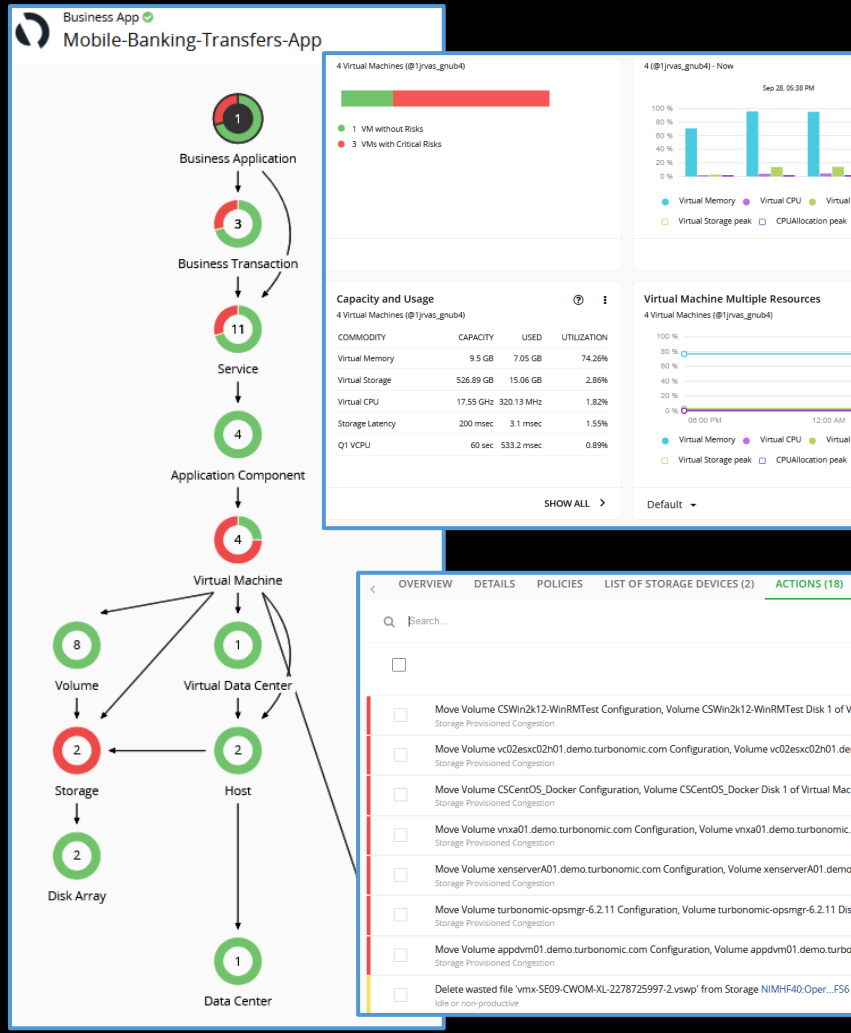
I want to define key SLOs for my application and rely on automated software to dynamically shift resources to meet them.

Manage business application resources

I want to monitor and optimize my business application’s resource usage to reduce its total cost of ownership.

Incident prevention and assisted remediation

I want guidance on what actions to take to prevent incidents, reduce alerts, and remediate problems before they impact end users.



Let’s see it in action!

Jane

Infrastructure Manager

Limit tooling sprawl

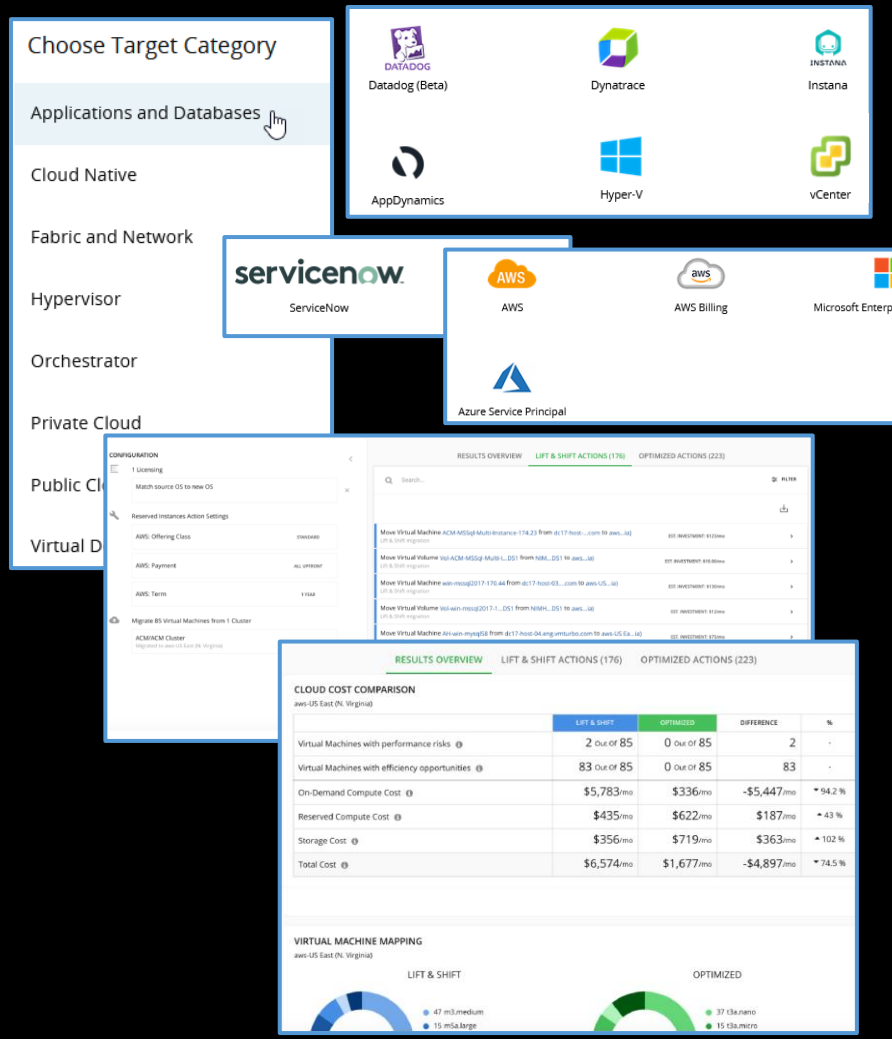
I want to integrate all my existing APM tools to visualize the end-to-end application dependencies and resource usage.

De-risk migrations to cloud

I want to plan the resources and costs for moving VMs to the cloud and migrate to the cloud with a full understanding of the cost implications.

Manage infrastructure changes

I want to control infrastructure changes, assess their associated risk, and simulate their cost impact before approving them.



IBM Turbonomic Key Differentiators

Application-driven.
Uses application demand as the driver for making resource decisions.

Top-down.
Continuously matches application resource demands to underlying supply of infrastructure.

AI-powered.
Software makes the application resourcing decisions for you, automatically.

Common Data Model.
Same AI Engine used to Assure Performance, provides accurate capacity planning and what-if modeling

Full-stack visibility.
Understands the relationships between applications, services, containers, pods, nodes/VMs, hosts, storage, and network.

Agentless, auto-discovery.
Lightweight virtual appliance discovers your applications and infrastructure in under an hour.

Cloud & infrastructure agnostic.
Supports all major hypervisors, AWS, Azure, as well as all upstream versions of Kubernetes anywhere, including OpenShift, Azure AKS, Amazon EKS, and Google GKE.

Performance at Scale.
Proven across over 3,000 customers, including 25% of the Fortune 500.

IBM