

Turbonomic Application Resource Management for AWS

Accelerate Your Cloud Strategy

Organizations around the world are embracing the innovation & economic benefits of Amazon Web Services. AWS delivers comprehensive cloud infrastructure capabilities on which builders can design, develop and manage their mission critical business applications.

In today's world, applications are becoming more distributed and dynamic as enterprises embrace cloud native architectures and public cloud. Many organizations underestimate the task of accurately understanding their on-premises applications prior to migration, leading to inefficiencies and cloud bills exceeding their allocated budget. While AWS provides elasticity and agility, customers must choose the right configurations for their applications from a performance, compliance and cost perspective. Whether enterprises are extending their on-premises environment or fully deploying in AWS, properly managing and allocating application resources is critical.

Turbonomic uniquely enables organizations to realize the full potential of the cloud, trusted by more than 2100 customers globally to assure performance while adhering to business constraints.

Application Resource Management in AWS

Shift IT staff focus from chasing IT problems to driving IT innovation. Turbonomic customers unlock application resource management with our AI engine, enabling self-managing workloads on AWS. Turbonomic rapidly assess on-premises environments prior to migration, and then determines the precise resources required in AWS to assure application performance while considering business policies. Once in AWS, Turbonomic continuously drives decisions to assure Service Level Objectives (SLOs).



Why Turbonomic for AWS?

As an Advanced AWS partner, Turbonomic is the only solution that continuously assures application workload performance and enforces policy compliance at the lowest possible cost across your AWS environment.



Cloud Strategy Planning

- Rapidly evaluate cloud ROI and generate a data driven hybrid cloud strategy
- Ensure optimal AWS deployment, considering RI purchasing and BYOL



Kubernetes Control

- Full-stack, continuous optimization of Kubernetes on AWS accelerates platform-first initiatives
- Increase Developer CI/CD deployments with intelligent software optimizing the systems.



Resource Management

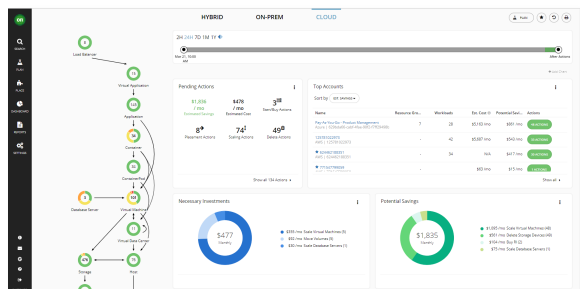
- AI engine continuously and automatically assures performance and business policy adherence
- Clean up idle resources, suspend on schedule & leverage promo instances for IaaS & PaaS services



Advanced RI Analysis

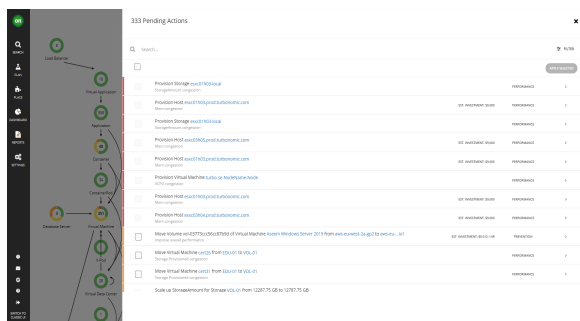
- Automate trustworthy decisions driving better RI pool utilization.
- Rapidly evaluate and plan for new RI purchases

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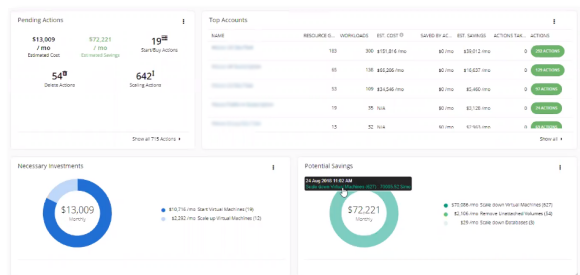
Full Stack Visibility

Deploy Turbonomic's agentless platform in minutes for rapid assessment/visualization of the entire stack from application to physical resources. Turbonomic understands the consumption of resources by each application and automatically recognizes workload relationships and IT policies.



Real Time Migration Planning

Turbonomic automatically understands real-time application needs, enabling customers to streamline their environment prior to migration as well as mapping on-premises workloads to the precise service types and configurations needed to perform in AWS, ensuring an optimized cloud starting at deployment. Orchestrate the migration, via API, through third party solutions, to seamlessly support high-scale, complex migrations.



Application Resource Management in AWS

Turbonomic's actions enable organizations to safely consume AWS resources on demand continuously, eliminating costly un-utilized or under-utilized resources and continuously sizing compute, storage, and RDS (including existing RI pool) to meet demand while remaining compliant with business policies. Turbonomic accelerates customer adoption of AWS, instilling confidence that workloads will be performant and compliant at the lowest possible cost.

Why Turbonomic?

Turbonomic AI-powered Application Resource Management (ARM) simultaneously optimizes application performance, compliance and cost in real-time. The software platform automatically identifies and executes the right actions at the right time at every layer of the application stack. Applications get the exact resources they need, continuously and in real-time. Turbonomic is trusted by the world's largest organizations running the most complex and dynamic applications, including more than 100 of the Fortune 500.

Find our More At

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