

Autonomously Optimize Azure VMs

Sedai uses AI to continuously optimize Azure VM deployments for cost, performance & availability



Cost Efficiency Gain

30%

Fix overprovisioning and optimize resource efficiency for Azure VM workloads

Latency Reduction

25%

Increase performance for customer-facing real-time services

FCI Reduction

50%

Cut failed customer interactions (FCIs) due to availability

Productivity Gain

3X

Leverage intelligent systems to cut the toil of Azure VM management

Capabilities for Azure VMs



Application & Instance Optimization

AI-powered autonomous optimization of horizontal & vertical scaling, managing the number and type of Azure instances and Azure VM Scale Sets controllers

Problem solved: Cost, Performance



Purchasing Optimization

Recommends the lowest cost purchasing solution based on on-demand, reserved instances and savings plan options

Problem solved: Cost



Automated Remediation

Detects & remediates problems with custom actions

Problem solved: Failed Customer Interactions (FCIs)



Smart SLOs

Add existing or have Sedai choose SLOs. Sedai will track performance against them

Problem solved: Performance, Availability



Release Intelligence

Quantitative scorecards, powered by AI and advanced ML models providing latency, cost & errors for every new release

Problem solved: Release Quality



Usage Insights

Visibility and actionable insights on what Azure instances are being used and where

Problem solved: Optimization, Replatforming

How Sedai for Azure VMs works

Sedai for Azure VMs is an intelligent cloud management platform using AI (including patented reinforcement learning) to support continuous optimization and insights to usage that helps teams maximize cloud cost efficiency, performance and availability at scale.

Discover → Recommend → Validate → Execute → Track

- Sedai **discovers** your Azure VM infrastructure, application and traffic patterns and behavior including identifying stateless or stateful applications
- Sedai **recommends** the optimal settings understanding service behavior, dependency and seasonality.
- Sedai **validates** potential changes against pre-selected inherently safe operations with multiple safety checks
- Changes are **executed** with a mixture of autonomous and manual actions
- Updates are **tracked** with a full audit trail of changes made to the infrastructure

Sedai can work in three modes: Datapilot (insights only), Copilot (recommendations) or Autopilot (autonomous actions).

Flexible Deployment

- **Flexible deployment:** Agentless or agent-based deployment to begin reading metrics. SaaS and on-cloud models available
- **Out of the box and custom integrations:** Integrates with popular Azure APM tools including Azure Monitor, load balancers and CI/CD tools. Reach out to us for any custom integration needs.
- **Automatic discovery:** The system quickly discovers your infrastructure to provide initial insights
- **Simple pricing:** Instance based pricing

Contact us at sedai.io to learn more