Cloud Management & Intelligence
for AWS Well-Architected

Challenges
Continuous changes, costs out of control, unknown security gaps.

Fast-moving, cloud-native DevOps teams need visibility to changes in their AWS environments to get and stay Well-Architected. They need actionable data for better resource utilization, waste management, and RI planning to optimize AWS costs and mitigate infrastructure or service disruptions. They need continuous, real-time notifications and detailed audit trails to avoid security breaches and ensure compliance with industry standards like SOC 2 or HIPAA. And they need to support budget planning with infrastructure cost comparisons and chargeback capabilities. Existing assessments of AWS workload health are time-consuming, require deep SA skills, are based on best-available survey information, and typically use static data.

The nOps Solution
Monitor, analyze, and manage your AWS infrastructure, continuously.

nOps provides an easy-to-set-up SaaS offering aligned with the AWS Well-Architected Framework to monitor, analyze, and manage AWS changes, costs, security, performance, reliability, and operational excellence. Automated discovery of high-risk issues accelerates AWS Well-Architected Reviews and helps generate fact-based remediation proposals that address real gaps in the target workload. nOps can reduce AWS costs 18-50% with better resource utilization, eliminating zombie instances, and better RI planning recommendations. Get instant visibility to infrastructure changes, configuration history and change requests, with continuous, real-time notifications of security risks and detailed audit trails. Use nOps' near-real-time, drill-down dashboards to do rapid root-cause analysis. Get actionable data and insights within 24 hours of setup.

Benefits

Faster, smarter optimization with continuous intelligence on the Well-Architected health of your customers' AWS infrastructure.

Purpose-built for AWS Well-Architected
nOps is designed for AWS, supports the five pillars of the AWS Well-Architected Framework, and is optimized for fast-moving DevOps teams.

Better SOWs, increased MRR
nOps features including auto-discovery enable fact-based remediation proposals that address the real gaps in your customers' workloads. nOps-driven Reviews consistently deliver new AWS services opportunities.

300% productivity gain for Reviews
Auto-discovery of high-risk issues aligned with AWS Well-Architected guidelines is just the start. Drill-down dashboards to the resource level speed root cause analysis for partners and SAs.

Seamless integration with the AWS tool
Direct API integration with the AWS Well-Architected Tool provides a seamless partner and SA experience. Shared data, simple reporting and AWS program compliance.

nOps on AWS

nOps is a cloud management & intelligence platform aligned with the AWS Well-Architected Framework. It provides a DevOps-savvy front end that continuously ingests and integrates input from AWS CloudTrail, AWS Billing and Cost Management, and meta data from numerous other AWS services. Using that information, nOps provides actionable views and intelligence about changes to your AWS infrastructure — for cost-optimization, security, reliability, performance efficiency, and operational excellence. nOps accelerates and improves AWS Well-Architected Reviews with automation and can provide continuous compliance feedback on the health of your AWS infrastructure. For AWS partners and AWS solutions architects, nOps provides API-level integration with the AWS Well-Architected Tool, eliminating double-entry and simplifying partner reporting required for the AWS Well-Architected Program. nOps is an Advanced Technology Partner in the AWS Partner Network, AWS Marketplace Seller, ISV Accelerate Program Partner, with Cloud Management Tools Competency status.

Features
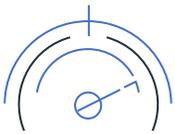
Powerful auto-discovery supports all five pillars of Well-Architected

nOps' fast, automated discovery identifies gaps in your target workload based on Well-Architected and other industry guidelines (HIPAA, SOC 2). For Cost Optimization, auto-discover zombie instances, view all AWS resource costs on the cost dashboard and prioritize resources for rightsizing, and more. For Security, use predefined and customizable security rules for automated checks and alerts (e.g., unrestricted SSH, tag violations), see violations of AWS Config rules (e.g., users without MFA using IAM groups & roles), and more. Similar automation aligned with Performance Efficiency, Reliability, and Operational Excellence pillars. Plus, post-Review, nOps can run, always-on, in the target workload to provide continuous compliance intelligence and alerts. More about auto-discovery.

Partner-inspired features enable better, successful Well-Architected Reviews

Partners and AWS solutions architects can manage customer invitations and participation in Reviews from the nOps partner portal. Auto-discover high-risk issues in the target workload based on Well-Architected and other industry guidelines. Use drill-down dashboards for rapid root cause analysis. Create custom survey questions. Generate fact-based remediation proposals using technical and funding recommendation templates, and create, save, and reuse report templates and SOWs. Integrate seamlessly with the AWS Well-Architected Tool for data sharing and simplified AWS program reporting.

Case Study: Uber Technologies | Advanced Technologies Group

Learn more

Challenges

Uber ATG needed to manage dynamic change in the AWS environment without slowing high-velocity teams. They wanted to gain actionable insights into the impact of changes to cost, security, performance, reliability, and operational excellence.

Solution

Uber ATG selected nOps as its cloud management platform to operationalize costs, provide reports for leadership and budget processes, and to help their efficiency team enact behavioral changes for engineers typically used to throwing money at challenging problems.

Results

Cost - Reduced AWS costs 15% in the first 30 days. Chargebacks - Easily allocate cloud infrastructure costs at a level of detail they had only imagined. Anomaly detection – Get automated, ML-driven alerts with the ability to drill down to the resource level for RCA.

Get started with nOps on AWS

Learn more on AWS Marketplace, visit nOps, nOps Partner Network, or contact us now.