



Unpacking cloud cost surprises during rapid scale

See how AWS Partner Amnic helped LambdaTest achieve a 30% reduction in NAT costs while optimizing Amazon CloudWatch usage leading to 30% savings.

Overview

As a leading continuous quality testing platform, LambdaTest experiences continuous growth of their customer base. While growth is good, the company struggled to gain full visibility across the cloud services they rely on to identify anti-patterns in their spend. The company turned to [AWS Partner Amnic](#), a foremost cloud cost observability platform, to help them granularize and attribute their cloud costs and identify areas of excessive spend. In the end, Amnic helped LambdaTest reduce costs to run a lean and efficient cloud infrastructure, even during a period of sustained rapid growth.

Growing pains & cloud spend opacity

Providing 360-degree observability into cloud costs—especially for organizations undergoing rapid growth—is a key feature of the Amnic solution. Often, these companies are unable to allocate cloud costs at the team level due to a lack of visibility which allows cloud waste to go unchecked while cost control and reduction strategies lack actionable insights. CEOs and CFOs find themselves frustrated as they lack clear cost accountability that in turn impacts budgets, disrupts financial planning and decision making. Often, this leads to policies requiring DevOps and/or SRE leaders to engage in time-intensive and inconsistent manual tagging of resources. This then diverts focus from core responsibilities that are key value generators. Overall, they find themselves with high cloud services costs with insufficient clarity of overspend to identify potential savings and efficiency gains.



About LambdaTest

[LambdaTest](#) is an AI-native, omnichannel software quality platform that empowers businesses to accelerate time to market through intelligent, cloud-based test authoring, orchestration, and execution. With over 15,000 customers and 2.3 million+ users across 130+ countries, LambdaTest is the trusted choice for modern software testing.

For more information, please visit www.lambdatest.com



LambdaTest faced many of these issues. As demand for their solution entered a brisk and sustained growth period, engineering teams were faced with a new challenge: bringing a unified view into the company's cloud services costs. They lacked a single plug-and-play solution to identify and aggregate costs across their cloud services geography to identify leakage patterns, plug them, and then engage in data-backed cost reduction, FinOps, resource utilization efficiency, and value generation strategies. Critically, successful cloud cost optimization would help support continued rapid growth by keeping costs from bloating and their infrastructure running efficiently.

The Amnic solution

Amnic stands out among its competitors by offering an agentless, multi-cloud platform that integrates seamlessly with AWS using a unified dashboard so that customers can visualize cloud and Software as a Service (SaaS) costs without deploying anything within their infrastructure. Further, Amnic offers the first self-serve cost allocation interface, eliminating complex setups to allow businesses to quickly create flexible 'cost buckets' that assign spend across teams, products, and services to track the ROI of every dollar spent. Automated updates, prebuilt visualizations, savable reports, and custom dashboards are tailored to technical and non-technical teams. Customers can schedule reports to be shared daily, weekly, or monthly while bringing control to sensitive data with role-based access control (RBAC).

AWS acts as mission-critical partner to Amnic. [Amazon Athena](#) enables interactive query analysis to allow users to quickly analyze large scale databases stored on [Amazon Simple Storage Service \(S3\)](#). [Amazon SageMaker](#) facilitates deploying machine learning models for predictive analytics and advanced data insights. Meanwhile, [Amazon Bedrock](#) supports foundational artificial intelligence (AI) applications to enhance the platform's ability to process and interpret complex datasets efficiently. Additional services include [Amazon CloudFront](#), [Amazon OpenSearch](#), and [Amazon Elastic Kubernetes Services \(EKS\)](#).

LambdaTest explored the extensive services and capabilities of the Amnic platform and quickly identified opportunities to gain granular visibility on spend across their infrastructure. The Amnic platform provided LambdaTest the opportunity to optimize their network costs via enhanced visualization tools to provide deeper, more precise categorization leading to valuable insights into NAT usage patterns.

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Amnic's astute recommendation engine helped us reduce our cloud bill through optimization of network and cloud costs. A key differentiator for Amnic remains its strong team, who have drawn on their significant experience to build a product uniquely suited to address pain points of fast-growing companies."

Mayank Bhola
Co-founder &
Head of Products,
LambdaTest

The Amnic platform then helped LambdaTest gain cost observability across its cloud services—beyond what native tools could offer—by mapping to their [Amazon CloudWatch](#) services to strategically categorize then optimize usage to impact costs without compromising critical operations.

Clarity leads to improved financial performance

With the Amnic platform, LambdaTest gained unparalleled clarity, precise categorization, and control over their cloud spend. Business outcomes include understanding their development versus production environment costs to debug them and make their cloud supply chain more efficient. They can attribute revenue generated by teams and measure against cloud spend to track efficiency as well as track the cost of each customer against total cloud spend. Companies can also simplify reporting of cloud costs across different personas across the organization and bring best practices to FinOps and DevOps to align cloud teams with strategic goals such as running a lean cloud infrastructure, especially during periods of rapid growth.

After implementing the Amnic platform as a plug-and-play solution, the LambdaTest team was able to break their network, storage, and compute spends into a precise granular understanding of primary cost drivers. This led to a remarkable 30% reduction in NAT costs and a notable 30% savings via Amazon CloudWatch optimization. LambdaTest quickly and with relative ease aligned its cloud usage with the company's strategic goals—scaling efficiently and confidently navigating the future of cloud cost management. Rapid growth no longer meant cloud spend blindness.

30%
reduction

in Network Address Translation (NAT) costs

30%
reduction

in Amazon CloudWatch expenses through optimization

Scale
efficiently

by aligning cloud costs with business goals

About Amnic

Amnic is a cloud cost observability platform that helps businesses visualize, control, and manage their cloud costs. Businesses rely on Amnic to gain better visibility into cloud costs, break down their cloud spending at a granular level, and take action quickly to build a lean infrastructure. Amnic helps businesses understand the unit economics associated with their cloud costs and allocate expenses more efficiently across teams, products, customers, and more. Founded in 2021, Amnic is headquartered in Los Altos, California, with offices in the United Kingdom and Bangalore, India.

To get started, visit www.amnic.com