

Petstablished

nClouds helped Petstablished optimize AWS compute cost and gain fine-grained control of its AWS environment.

Benefits Summary



Volume pricing discounts and single-bill simplicity with AWS consolidating billing



30% cost savings plus no lock-in flexibility with ShareSave service by nOps



Fine-grained control of its AWS environment with nOps

About Petstablished

Since 2016, Petstablished has helped raise over \$3.5 million for animal shelters and rescues participating in its revenue-share and microchip programs.

Petstablished is a software program that helps animal welfare organizations manage animal reports. It provides pet adoption tools and guidance on the application process. Petstablished is the only AWO management software that shares its revenues with its users. It helps pet parents manage their pet data, including medical records, tasks, contacts, applications, etc. For more information about Petstablished, visit petstablished.com.

Industry

Application-Specific Integrated Circuit (ASIC), Electronic Design Automation (EDA), Semiconductor

Location

San Jose, California

Challenge

Optimize AWS compute cost and gain fine-grained control of its AWS environment

Featured Services

Cloud Architecture and Design, AWS Batch Setup and Configuration

CHALLENGE

Optimize AWS Compute Cost and Gain Fine-Grained Control of Its AWS Environment

Petstablished did not want to risk making over-burdened choices in commitments to Amazon EC2 Reserved Instances (RIs) or AWS Saving Plans (SPs). It used Amazon EC2 extensively and was looking for ways to optimize costs without the risk. Plus, Petstablished was looking for a monitoring solution to provide granular control of its AWS environment.

Why AWS and nClouds

Petestablished was hesitant to make one- or three-year commitments to RIs and SPs, and it was looking for a monitoring solution for better visibility into its AWS costs. nClouds offered Petestablished a three-part solution: AWS Consolidated Billing, ShareSave service by nOps, and an nOps cloud management platform.

Petestablished was already using AWS serverless technology for its wagtopia.com e-commerce site. nClouds' solution provides additional Amazon Web Services:

- **AWS Organizations:** Provides policy-based management for multiple AWS accounts.
- **Consolidated Billing for AWS Organizations:** A feature in AWS Organizations that enables Petestablished to consolidate billing and payment for multiple AWS accounts. nClouds provides the consolidated bill to Petestablished.



nClouds' solution stack also includes additional, essential third-party tools:

- **nOps:** A SaaS cloud management and intelligence platform that continuously optimizes cost, security, performance, reliability, and operational excellence, aligned with AWS Well-Architected Framework best practices.
- **ShareSave Service by nOps:** A cost optimization program offered by nOps with a shared-savings pricing model. This SaaS platform collects Amazon CloudWatch and AWS CloudTrail logs. It automatically reacts in real time by purchasing RIs and/or SPs upon an increase in compute usage and selling them upon a decrease in compute usage. nOps shares a percentage of the savings with Petestablished, which increases if Petestablished's volume expands or it purchases additional nClouds services.

"ShareSave service gives Petestablished the freedom to save on our AWS compute workloads with the flexibility of no commitment and no risk, so we're not locked in. The biggest benefits are the visibility into our infrastructure, the specific inefficient resources, and overall saving us tons of money thanks to nOps's intuitive admin panel."

- Edwin Portillo, CTO, Petestablished

BENEFITS

Increased Business Efficiency

Teaming with nClouds, Petstablished has improved control over its cost and infrastructure. The project has yielded numerous benefits:



Volume Pricing Discounts and Single-Bill Simplicity with AWS Consolidated Billing

As a free service, the AWS consolidated billing feature of AWS Organizations gives Petstablished one bill with easy tracking across multiple accounts and the ability to combine its usage across all accounts to gain volume pricing discounts.



30% Cost Savings plus No Lock-In Flexibility with ShareSave Service by nOps

Using ShareSave service by nOps, Petstablished has realized a 30% net savings on its AWS compute costs as compared to on-demand pricing. ShareSave is a risk-free, no-commitment, cost optimization program, so Petstablished is free from the worry of over- or under-provisioning. What's more, with ShareSave service, Petstablished is not locked into specific AWS services, so its engineers have the flexibility to innovate with new AWS services and even apply their savings to modernization initiatives.



Granular Control of Its AWS Environment

Using nOps, Petstablished now has the optics to govern its AWS environment at a granular level. nOps provides visibility to all changes in the AWS environment, including cost and other pillars of AWS Well-Architected Framework (reliability, performance efficiency, operational excellence, and security). Petstablished gained free, continuous access to the nOps platform with the addition of ShareSave service.



ABOUT nClouds

nClouds is a certified, award-winning provider of AWS and DevOps consulting and implementation services. We partner with our customers as extensions of their teams to build and manage modern infrastructure solutions that deliver innovation faster. We leap beyond the status quo.