



nClouds | AWS Case Studies

ALL MY SONS

MOVING & STORAGE

Benefits Summary



Security



Improved Governance



Optimization

About All My Sons

All My Sons Moving & Storage is family-owned and operated with more than four generations of moving experience. This premier moving and storage company has been in business for over 20 years and offers full-service moving for customers and businesses locally, across state lines, and even internationally. All My Sons is a rapidly growing company with more than a quarter century of experience.

Industry

Moving and Storage

Location

Utah, USA

Featured Services

Migration, EC2, RDS, AWS Lambda Modernization, Serverless Architecture, Amazon FSx, AWS Systems Manager, Amazon CloudWatch

CHALLENGE

Preparing to Enter a New Vertical with Strict Security Requirements

- The management team wanted their fleet of Windows workloads hosted on an enterprise-grade cloud platform with reliable, scalable infrastructure that balances technology needs and economic allocation of resources.
- The company wanted to reduce hardware and database management overhead on a subset of its SQL Server databases and file servers.
- All My Sons lacked fault tolerance for Windows applications and needed a centralized, consistent way to gather operational insights and automated routine management tasks, including automating patch approval and deployment.
- The company required segregated environments for developing and testing new applications and workloads.



SOLUTIONS

- nClouds executed a migration to Microsoft Solutions on AWS with EC2 and RDS.
- nClouds managed EC2 instances with AWS Systems Manager for remote management of servers at scale, automation, patch management, and improved visibility into operational metrics with Amazon CloudWatch.
- Leveraging AWS Lambda enables flexibility to refactor and modernize on a serverless architecture. Additionally, it provides a highly available, fault-tolerant infrastructure without the need to administer, maintain, or patch the underlying servers.
- Leveraging Amazon FSx allowed All My Sons to reduce management overhead through automated capacity planning, hardware procurement, installing and configuring server software and file systems, applying updates, and managing licensing and backups.

RESULTS

Security



nClouds reduced exploitable attack vectors and implemented detective tools for alerting on misconfiguration that could expose client data.

Improved Governance



AWS Systems Manager reduced administrative overhead and the time required to implement operational changes.

Optimization



Running Windows on AWS EC2 optimized resource efficiency and eliminated Windows license management while lowering cost.

