



Case Study

Cloud Migration to AWS

To respect the privacy of our customer, we have kept this case study anonymous. Our customer is a growing non-profit organization that provides various services related to travel and accommodation throughout the province of Quebec.

Our customer sought to:

- Migrate their on-premise solution onto AWS' public cloud offering
- Increase the availability, resiliency, and scalability of their infrastructure
- Support their application development with an automated and modernized application platform

Requirements: Resilient and Scalable Cloud Platform

Our customer operates websites through which their customers request services on demand. The websites must run with very little latency and be able to scale quickly and efficiently in response to seasonal fluctuations in demand. Our customer needed to migrate their on-premise infrastructure into AWS in order to leverage the high levels of scalability that the cloud can offer. They sought CloudOps' expertise in cloud platforms and cloud native technologies to build and manage a modernized application platform to better support their application development.

Solution: Managed Application Platform on AWS

Cloud Migration

CloudOps helped our customer migrate their on-premise infrastructure into AWS' public cloud offering. We built an application platform on top of AWS that would support their application development. The platform consists of a modernized DevOps pipeline within which workers can push code from development to deployment. CloudOps' automation recipes were integrated throughout the DevOps pipeline, encouraging faster release cycles. CloudOps built a best-of-breed platform comprised of cloud native tools, such as Docker, Kubernetes, Elasticsearch, Terraform, Vault, Datadog, Instana, and Jenkins. The completed application platform now consists of CI/CD pipelines that do not rely on bottlenecks and support the customer's application development.

Managed Services

CloudOps maintains the completed application platform, remaining responsible for provisioning the underlying infrastructure. Any problems are quickly resolved and remain isolated to the application platform. Our team of experts provide 24x7 support and an extensive suite of services for storage, networking, virtual servers, applications, databases, and other foundational pieces of hardware and software. Our services are SOC 2 compliant, meaning they have been audited by a third-party for operational excellence and demonstrate proven best practices for ensuring the security of the application.



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Cloud and code agnostic, but opinionated

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Training

CloudOps' mission statement is to help customers own their destinies in the cloud. As such, our delivery model includes training that allows customers to operate the application platform we build for them well into the future either with or without us. We provided members of our customer's application development team with Docker and Kubernetes workshops that empower them to use the application platform they are coding on top of.

Result:

Our customer's critical systems now run at peak performance. Our customer was able to improve the scalability of their containerized applications and the reliability of their multi-data centre/multi-availability zones. Before leveraging CloudOps' services, our customer would regularly encounter performance outages during critical periods of the year. This had significant impacts on their business. The completed application platform no longer showed performance and availability issues, which allowed our customer to expand their range of online product offerings and keep up with peak seasonal demand. CloudOps will remain a partner, managing their application platform.

Click here to learn more about how CloudOps can help you build and execute a cloud migration strategy that will modernize your application.

Contact us to find out if your organization is eligible for a free cloud migration.

With over fifteen years of experience working with open source, cloud platforms, networking, and DevOps, **CloudOps** is in a unique position to help businesses thrive in today's data-driven software economy. We help businesses successfully adopt and operate cloud platforms, taking advantage of self-service, utility economics and the API-automated, continuous delivery of IT. As a member of the Cloud Native Computing Foundation (CNCF) and the Linux Foundation Networking (LFN), CloudOps is actively involved in open source communities. CloudOps is also a Kubernetes Certified Service Provider (KCSP) and a Kubernetes Training Partner (KTP), providing consulting, training, and managed services for cloud native and DevOps practices and deployments.



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