



OPCITO TECHNOLOGIES

Legacy business application migration

About The Customer

The customer is one of the largest market intelligence delivery firms based in the US. They provide business analysis and consulting services to more than 15,000 Fortune organizations globally across different industry verticals.

Business Challenge

The client approached Opcito to build a solution for migrating their legacy application as they work on updating and transitioning their systems. The main objective was to migrate the legacy application to a cloud-based delivery model that allows flexible server capacity on demand and minimizes the costs associated with data center operations and maintenance. They also wanted to assess the existing customer deployment and application and were looking for a suitable cloud platform

How Opcito Helped

Opcito's experts led the assessment and profiling of the existing on-premise IT infrastructure and the application requirements. After proper evaluation, Opcito came up with a complete migration plan for the application, which included complete replication of the application runtime and dependencies on Amazon AWS. The process involved:

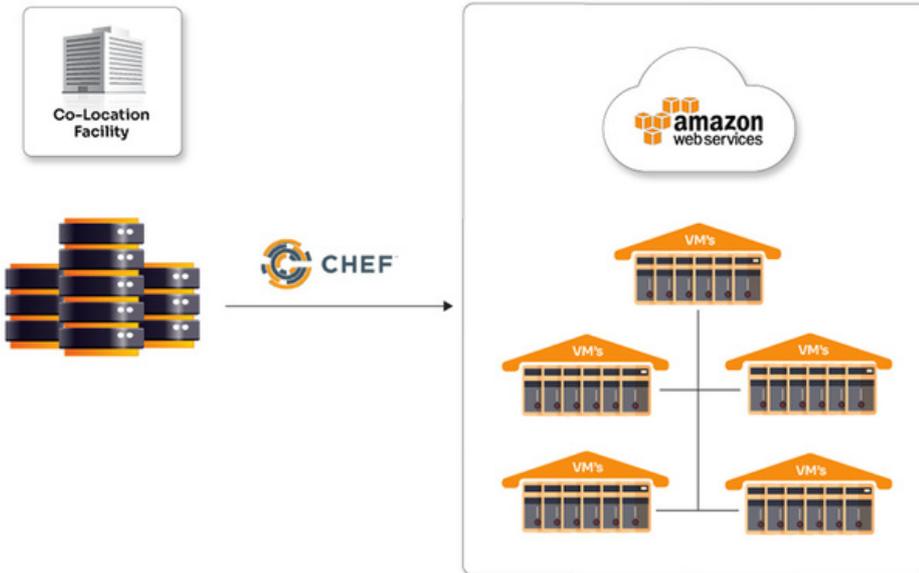
- Leveraging Chef to build the AWS Cloud environment with custom cookbooks to replicate the current environment
- Building custom data transfer tools to mirror the existing environment so tests could be run on both setups
- Adding load balancers to auto-scale the server capacity based on demand



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Technologies, Tools, and Platforms used

AWS

CHEF

Benefits

ENHANCED PERFORMANCE AND SCALABILITY

A new cloud-based delivery system, which increased elasticity, a performance that enabled the client to handle any number of requests, which guaranteed a better user experience

OPTIMIZED SERVER CAPACITY FOR COST SAVINGS

Reduced costs (up to 45%) as the idle server capacity was kept to the minimum

STREAMLINED OPERATIONS WITH REDUCED INFRASTRUCTURE

Reduced operating expenses because of reduced on-premises infrastructure

About Opcito

At Opcito, we believe in designing transformational solutions for our customers, start-ups, and enterprises, with our ability to unify quality, reliability, and cost-effectiveness at any scale. Our core work culture focuses on adding material value to your products by leveraging best practices in DevOps, like continuous integration, continuous delivery, and automation, coupled with disruptive technologies like containers, serverless computing, and microservice-based architectures. We also believe in high standards for quality with a zero-bug policy and zero downtime deployment approach.



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