9LOGIC
TECHNOLOGIES

ARCHITECTING
for the Future
Migrating from Rackspace to AWS

Introduction

9Logic's AWS expertise enables enterprises achieve significant cloud benefits such as cost optimization, enhanced security, performance efficiency etc.. Our portfolio of services includes right from migrations and managed services to well-architected reviews and architectural redesigns.

We help organizations transform their cloud resources into well-architected, secure and highly reliable infrastructure. Our services and solutions are integrated with advanced architectural frameworks and design principles that ensure resolution of challenges into successful end results. Our certified and experienced solution architects and project management teams ensure successful completion of AWS projects resulting into achieving measurable and tangible cloud benefits.

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Name of the customer - VISTX

Customer Challenges

VISTX had its solution setup and operated from Rackspace. The application was built on Microsoft platform. The challenge was meeting the expectations of their clients and auditors in terms of delivering stable and sustainable service through scalable yet cost effective infrastructure solution.

How the solution was designed and deployed to meet the challenges

9Logic performed the process of problem discovery and issue analysis. As a result of the review, 9Logic recommended VISTX wit AWS as a reliable platform for running Microsoft workloads more efficiently and securely. All components of the domains including computing, storage, database, networking etc., are planned and migrated from Rackspace to AWS with least and acceptable

downtime without impacting the business process. The entire application stack consisting of Microsoft workloads including Windows Servers, Active Directory, MS SQL Server etc. is successfully migrated to AWS. The required AWS services such as Amazon EC2 for Windows Servers, RDS for Microsoft SQL Database, S3, SES, Work Mail, etc. have been appropriately selected and used for the architecture design and implementation.
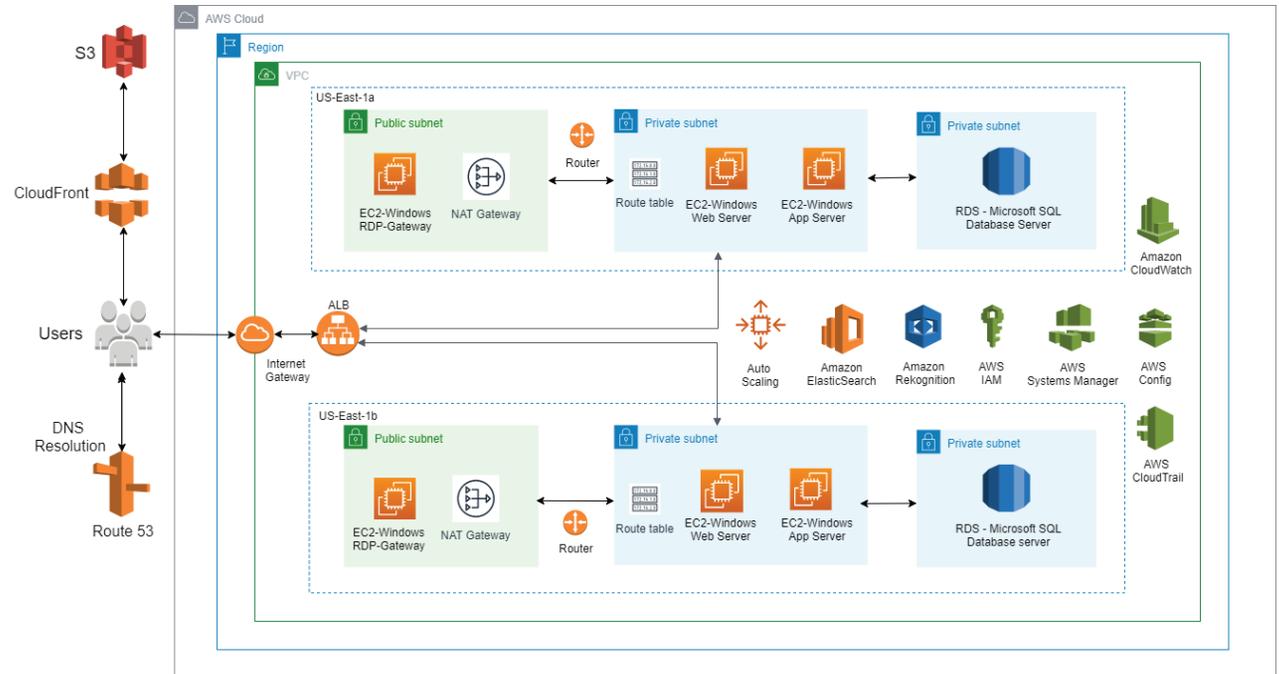
Some of The Key Benefits Achieved By The AWS Migration Solution:

Enhanced Security:
AWS infrastructure is designed for best security best practices. By making the migration our client was able to incorporate a wide range of security standards across several critical areas of business operations and management.

Architecting for the Future

Cost Optimization:

Migration to AWS resulted in a reduced cost of operations in many areas.

Performance Efficiency:

By using the right architectural approach, superior performances were achieved across the board.

Operational Excellence:

Cloud technology helps achieve operational excellence in many ways as all critical areas of business development are handled by AWS responsibly.

High Reliability:

A high level of reliability was achieved with guaranteed availability of services at all times.

Cost Reduction:

We were able to reduce overall operational costs by around 30 to 40 percent by implementing some tried and tested measures associated with AWS migration.

Services Used

Resource	Current Setup	Resource	Current Setup
Cloud	AWS	Load Balancing	AWS ALB
Storage	AWS S3	Resource Monitoring	AWS CloudWatch
Virtual Machines	AWS EC2 Windows Servers	System management	AWS SSM
Database	RDS MS SQL Server	Auditing, API logging	AWS CloudTrail
Email Service	SES	VCS	Code Commit
DNS	Route53	Identity Access Management	IAM
Static content distribution	CloudFront		

Date the project entered Production Go-Live on 26-April-2018

Outcome(s)/results

9Logic's well designed migration strategy helped VISTX make a smooth migration of Microsoft workloads including Windows applications and SQL databases from Rackspace to AWS. The challenging issues such as scalability, reliability, cost, and security are resolved through the use of AWS services such as Amazon EC2 for Windows Server and Amazon RDS for MS SQL Server.

It resulted into meeting the business objectives of the client and service expectations of its end customers.

9Logic is an AWS Partner Network (APN) Advanced Tier Consulting Partner, AWS Well-Architected Review Program and AWS Public Sector Partner with deep expertise in launching and leveraging the power of the cloud.

Being AWS Advanced Consulting Partner and certified member of AWS Well-Architected Partner Program, our migrations and operations, by default, incorporates the latest AWS technologies and Well-Architected Framework design principles mapped with Reliability, Security, Performance Efficiency, Operational Excellence and Cost Optimization.

We believe that cloud technology is the greatest business transformation tool, and our mission is to help you harness that power to transform your business.