



SCALING AND AUTOMATING INFRASTRUCTURE FOR STOCK RECORD LEADER



INTRODUCTION

Based in New York City, this American company, founded in 2003 by a programmer and photographer, is a major provider of stock photography, stock footage, stock music, and editing tools. They boast an extensive collection, housing approximately 125 million royalty-free stock photos, vector graphics, and illustrations, along with a catalog of around 4 million licensed video clips and music tracks.



CHALLENGES



The client sought an adaptable cloud-based IT infrastructure capable of automatic scaling to match incoming traffic levels. They required Continuous Integration and Delivery functionalities operational during business hours, coupled with a robust monitoring system for swift issue resolution. Their existing setup involved an Auto Complete feature for content publication and disjointed Git repositories. Jenkins bridged GitHub and Elastic Container Service. They aimed to automate Container log collection via Sumo Logic, integrating Sysdig monitoring alerts into JIRA for ticketing. Additionally, they needed to develop and manage Terraform scripts and maintain up-to-date Configuration Management protocols, ensuring an efficient and responsive IT environment.

SOLUTION

Following a thorough assessment of the client's needs, ACI Infotech devised and executed a tailored plan to align with their business requirements. This included the implementation of VPCs and Transit VPCs to ensure environmental isolation and connectivity to an on-premises data center. Additionally, the plan involved configuring Sumo Logic for comprehensive log collection and analysis from ECS, deploying Sysdig for real-time container monitoring, integrating JIRA with the client's ticketing system, and implementing New Relic for in-depth application monitoring. The integration of monitoring solutions with VictorOps was also established to ensure an effective client communication model.



Benefits

100%
Fulfillment

01

20%
Increased Availability

02

30%
Better Delivery

03

Benefits

40%

Faster Time-to-Market

04

90%

Business Availability

05

50%

Reduced RTO

06