



An online SAAS training company partner with Cloudaliv to Improve Cloud Operations and Security posture.

Summary

An online SAAS training company was in the process of looking for ways to improve high availability, security, disaster recovery and scale, as well as to enhance its knowledge about AWS. The company needed a more secure platform and greater expertise in order to support its quick growth. With Cloudaliv support and expertise, Client onboarded AWS Beanstalk, RDS and revolutionized its systems and the company infrastructure became highly available with zero down-time, deployed in two availability zones for high availability, Security hub for Centralized security view, CloudFormation for infrastructure as a code and with VPCs separating environments with security best practices.



About the Client

An adaptive training & insights platform, powered by agile experts who manage it for you. Companies use client platform as their own SaaS platform for their clients to sell access to courses, course paths, deliver internal corporate compliance, HR, management, professional development, executive education and other types of courses to their employees, teams and leadership.

The Challenge

An online SAAS training company needed an assessment of its existing AWS infrastructure to evaluate against NIST and CIS industry standard frameworks and identify areas of gaps and vulnerabilities, and an experienced managed services provider to remediate the issues and manage their infrastructure. Moreover, the infrastructure needed to scale up and down flexibly to cope with the peak demand from fluctuating traffic. This setup also requires industry standard DevOps best practices including infrastructure as a code and automated deployments as well as CI/CD. Client wanted to implement security best practices overall and needed continuous compliance with the infrastructure to reduce the risk of compromise of the environment.

The Solution

Cloudaliv evaluated the cloud infrastructure posture using industry-standard frameworks, enabling remediation of identified gaps and implemented governance throughout the organization. Cloudaliv have enforced autoscaling and load balancing for the Infra's high availability and to cope with peak demand from fluctuating traffic.

Cloudaliv CloudFormation solution allowing to quickly create, configure and manage infrastructure on AWS. Not only infra, but Cloudaliv also automated the application deployment process to improve the software delivery. As a result, the client application could be brought up within no time and without human intervention.



The Outcome

Cloudaliv innovative solution helped to meet zero downtime and faster CI/CD pipelines and security compliance demands proactively and cost-effectively based on the latest AWS technologies. Cloudaliv is also able to address Client's evolving, complex cost optimization, reliability, and scalability needs. Furthermore, our ongoing support team maintains Client's infrastructure for high availability and fault-tolerant performance. Now it has clear recommendations and guidance for remediation of its security gaps, as well as remediation support from the Cloudaliv cloud experts to ensure alignment with industry best practices.