

ECCMA Was Able to Save 180\$ With Help Of Rapyder Managed Services Offerings



Client

ECCMA

Industry

Not-for-profit association

Offering

Managed Services

AWS Services

API Gateway, Audit Manager, CloudTrail, CloudWatch, Config, Detective, Dynamo DB, EC2, ELB, Glue, Guard Duty, Inspector, KMS, Lambda, Route 53, Security Hub, SNS, S3, WAF

Introduction

The Electronic Commerce Code Management Association (ECCMA) is a member-based, international not-for-profit association committed to improving data quality by implementing international standards. ECCMA is the project leader for developing ISO 8000 – Data Quality and ISO 22745 – Open Technical Dictionaries and their application to master data.

ECCMA provides a platform for collaboration amongst subject experts on data quality and data governance worldwide to build and maintain global standards. The eOTD (ECCMA Open Technical Dictionary), which is an ISO 22745 compliant dictionary, aids in unambiguously identifying characteristic information and making data language independent during data transfer.

Business Needs

The customer was currently hosting one of its applications on Bluehost in the US and China region and was looking to migrate the workload to the AWS cloud and wanted to setup the DR Solution for data recovery in the event of data loss.

Solution Approach

Rapyder worked with ECCMA to assess their current application and infrastructure landscape and providing managed services 24x7 support with respect to security, cost optimization, patch management, scalability, and infrastructure maintenance.



Implementation

- All the URLs are consistently monitored by the Rapyder monitoring team. The URLs are monitored using the Status Cake tool, which provides uptime and downtime periodically.



Next logical move

The Rapyder team has downloaded the security hub report and will start remediation soon.



Customer Speaks

The customer feels like Rapyder has improved in delivering great services and helped them with great value add. We will be looking forward to an enhanced experience even further.

- Monthly Infrastructure reports are prepared and addressed with improvements and solutions to maintain the overall health of the AWS accounts.
- They have computed savings plans for their compute hours. Both applications will share the same load balancer.
- AWS GuardDuty to be configured with an automation solution which will take actions based on the findings.
- Custom metrics to be configured for each instance and CloudWatch alarms to be setup.
- Rapyder is maintaining regular backups using AWS Lifecycle Manager and AWS Backup Service to take AMIs' & Snapshots. The snapshot policy is only applied to root volumes of the DB server and is scheduled for an hourly snapshot with 120 days of retention.
- Certificates are purchased from ACM to keep their websites secure, and these certificates are renewed in a timely manner.
- Cloud Endure is set up in the Ohio region and is used for continuous data replication and disaster recovery to avoid data loss.
- Based on the cost optimization report, helped the ECCMA team to change the plan for cost savings.
- Rapyder follows AWS best practices to maintain Identity and Access Management (IAM) users & roles.



Reaping Rewards

- There has been a minimal number of issues in the infra for the last 1 year.
- Cost Optimization helped ECCMA in cost savings. There is a recurring savings of nearly 180\$.
- Disaster Recovery set-up helped ECCMA to maintain backups for any future data loss.
- Patch Management is completed for all the DB instances successfully.
- Operating model of AWS helped to manage the infrastructure better.