TECHNOLOGY

Amazon Web Services (AWS)　　　　Cost Explorer
Elastic Compute Cloud (EC2)　Simple Notification Services (SNS)
Cloud Watch　　　　Cloud Alert
Cloud Trail

"It was a great engagement. You guys know cloud. If you ever need a reference, let us know"

- Global Head Platform Operations

COMMUNICATION & MEDIA

CHALLENGES

One of world's largest public relations and media software/services firm provides product and services to global Fortune 500 companies. One of its most core offerings is to provide insight to its clientele based on the analysis of terabytes of media and textual content. However its core content platform was built upon an outdated technology and its big data software MapR was many versions behind. The customer was in a critical need of upgrading its hosting infrastructure and the underlying big data analytics software:

- Its content platform was built on obsolete hardware that was hosted on an on-premises data center, which required daily maintenance and care-feeding by a large team of system specialists

- Its MapR software was 2 major versions and 10 minor versions behind the currently supported version and had been out of support for several years. This imposed significant risk to its core business that relies on MapR for advanced analytics and data processing

- The customer was extremely short-handed to support even the existing platform, let alone be able to innovate new solutions for the business.

SOLUTION

- Migrated the content platform and applications from an on-prem data center to AWS

- Upgraded the MapR software to a supported version and deployed it on a multi-node AWS cluster, ensuring the performance of the platform meet business' expectation

- Utilized Cloudformation templates for architecture-as-code deployments, meeting client's requirements for maintainability and self-documenting architecture

- Configured Cloudwatch and detailed monitoring to manage cost and justify spend size

- Setup Cloudtrail to provide audit logging consistent with industry standards

- Adopted a proven Cloud migration methodology which enabled the project to be completed on-time and on-budget

Guaranteed Up-Time and 24x7 dedicated infrastructure support for global business

Increased Agility in deploying new solutions to support the business in real time

Reduced Support Resources empowering IT team to focus on innovation

Enhanced Robustness on a most updated hardware and software infrastructure

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