Medi Assist Renewed Interest in Cloud Technologies

Introduction

Medi Assist is India's largest Third-Party Administrator (TPA) and most preferred Health & Wellness partner for corporates across the country. The award-winning technology platform "Medi buddy" is transforming the Indian health insurance sector with host of Pre & Post hospitalization services include cashless claim, reimbursements, pharmacy benefits, planned

Business Need

Medi Assist TPA production workloads were hosted on-premises with a combination of Linux and Windows environments. With increasing customer base, Medi Assist needed a public cloud platform that could scale to the user traffic without any manual intervention and avoid down time.

Solution Approach

Rapyder analysed the current application and infrastructure landscape to understand and structure a detailed plan for the migration of the applications to AWS keeping cognizance of

» Industry
Insurance

» Offerings
AWS Migration

» Third Party Solutions
Palo Alto

» AWS Services
EC2, ALB, S3, CloudWatch, CloudTrail, GuardDuty, Config, EFS, FSX, Data Sync, KMS, Cloud Endure, Systems Manager

Next Logical Move

Rapyder team has suggested with recommendations based on Well Architected Review which will be reformed soon as phase - II business transformation.

Implementation

The whole exercise of migration was completed within 2 months with near zero downtime making it a seamless Infrastructure transformation. We moved 25 applications running across 70+ servers and migrated in a lift and shift mode to AWS. High traffic facing applications were deployed across availability zones with autoscaling to ensure high availability.

» Execution of robust approach for deployments, roll backs and database replication for all the applications.

» Connectivity from AWS to on premise was established using a site-to-site VPN.

» Palo Alto Firewall was deployed in high availability across Availability zones from AWS Marketplace for gateway firewall services.

» Route53 was used for the DNS configuration.

» All Software licenses required for SQL Server were brought into AWS under the BYOL agreement, hence reducing cost of migration significantly.

» Servers were setup in MultiAZ High Availability/ Cluster structure.

» Microsoft Active Directory was hosted in a shared account of AWS and will be synced with On-Prem AD.

» AWS LCM was used for backup (AMI) with the RTO and RPO requirements of the customer.

Customer Speaks:

Rapyder has the right skills and profound knowledge of the AWS platform. They were able to understand our requirements and existing architecture to suggest tailor made solution for our business. They helped us with Migration and guided us throughout the entire process. It was a great learning

Shwetank Singh
Vice President – Engineering, Medi Assist

Reaping Rewards

» There was significant improvement in the performance of the applications resulting in faster claim processing, reduced wait time, and tightly coupled communication transfer between Medi Assist, Hospital Network and Customers.

» The infrastructure spends reduced significantly with upfront savings of 20%, moving from Capex to Opex led business.

» AWS Operating model helped manage the infrastructure better and allowed Medi Assist team to focus on Business goals.

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