

AWS Managed Cloud Services Case Study of Docplexus- Rapyder



Introduction

Docplexus started back in 2013 with the belief that a well-informed doctor is positioned to make better clinical decisions, subsequently leading to advancement in healthcare and patient outcomes.

Docplexus facilitates a round-the-clock exchange of dialogues with other members and experts at anytime from anywhere and offer knowledge centres, treatment guidelines, certified educational resources, the latest medical news, and industry updates every single day!

Since 2013, Docplexus has been a safe & secured community, hosting thousands of verified doctors across geographies who engage with each other and with our team, from anywhere and at any time. Docplexus is recognized as one of the Best Healthcare Brands for 2021 by The Economic Times.

Business Need

The customer is currently hosting their social media platform for doctors on AWS. There are multiple applications as part of the platform, including content publishing and managing market campaign. The applications are built on java using the play framework with an angular front end. There are two application environments for the application, namely the production and test environment.

The customer is looking for a partner who has the expertise in AWS to manage the infrastructure as per best practices recommendations.

»» Industry

Community of Clinicians

»» Offerings

Managed Services

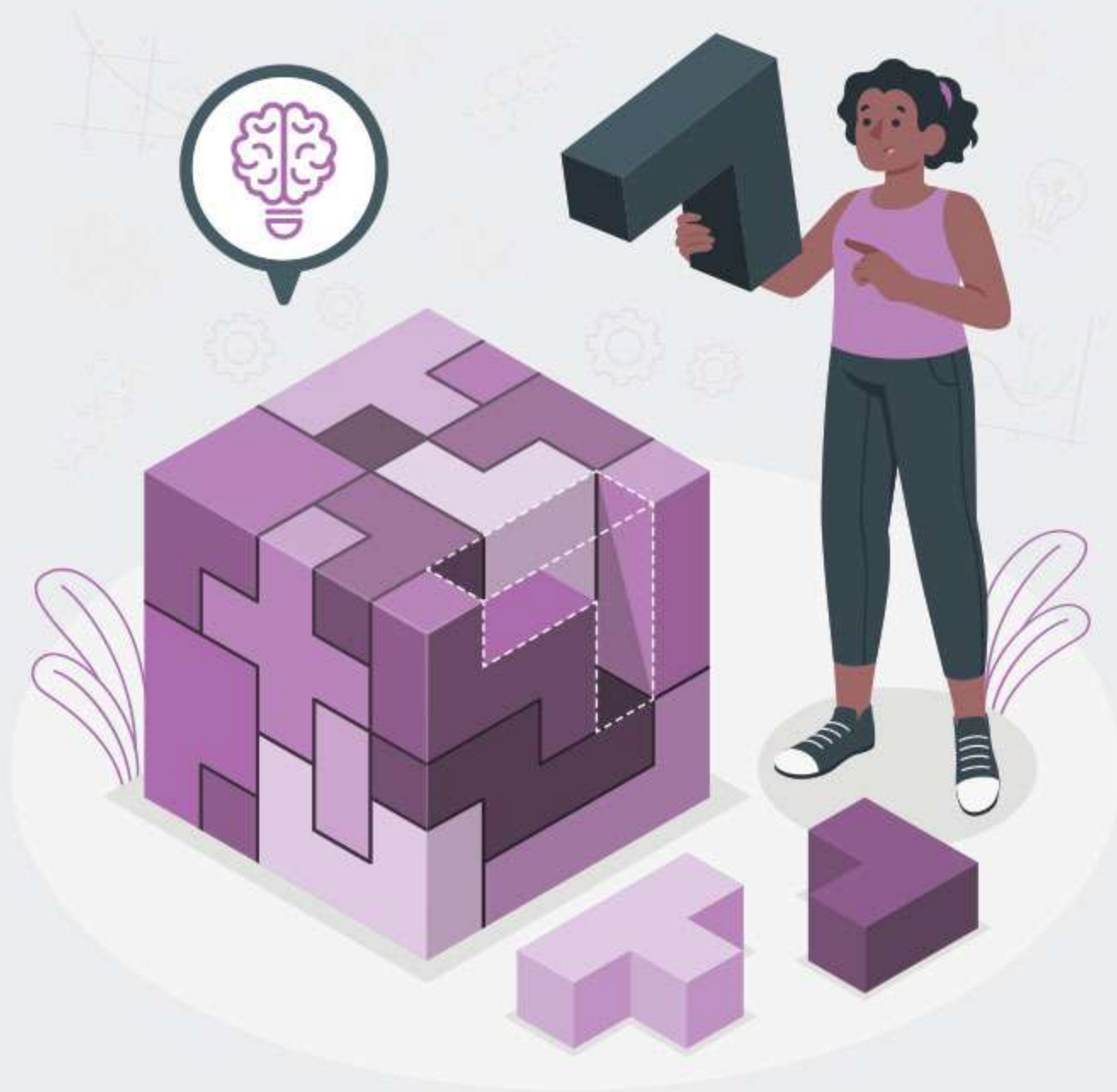
»» AWS Services

API Gateway, Athena, CloudWatch, Cost Explorer, Elastic Compute Cloud, ElastiCache, Kinesis Firehose, QuickSight, Redshift, Registrar, CloudTrail, RelationalDatabase Service, Route53, SimpleEmail Service, Simple Queue Service, S3.



Next Logical Move

Rapyder will soon work on Security Assessment, Patching and WAR.



Solution Approach

Rapyder is working with Docplexus to assess its current application and infrastructure landscape and providing managed services 24x7 support with respect to security, cost optimization, patch management, scalability, and infrastructure maintenance.

Implementation

- » The current deployment is in Mumbai and Singapore Region.
- » Total of 11 EC2 instances for the application server across two environments.
- » There is a total of 4 RDS instances used as a Database.
- » RDS DB instance will have MySQL running.
- » NAT Gateway is used for outgoing traffic from private servers.
- » SSL applied on the server where the website is hosted.

- » Custom metrics are configured for each instance, and CloudWatch alarms are set
- » VPC Flow logs (Network Logs) enabled and pushed to S3 Bucket.
- » Application Logs are synced to S3 Bucket.
- » Route53 is used for hosting a few Domains & Co-Domains handled by Docplexus and maintaining DNS configuration.
- » Rapyder is maintaining regular backups using AWS Lifecycle Manager and AWS Backup Service to take AM Is' & Snapshots. Rapyder policy for backup is daily, weekly, and monthly AM Is'
- » Patch Management is completed for all the instances.
- » Monthly Infrastructure reports are prepared and addressed with improvements and solutions to maintain the overall health of the AWS accounts.
- » Rapyder follows AWS best practices to maintain Identity and Access Management (IAM) users & roles.

Customer Speaks:

Rapyder has always been a great Partner to Docplexus. As a token of appreciation, we have always given 5 Star rating in QSAT Survey. We recently closed Database support with Rapyder and hope to engage in more Business in the near future. We thank Rapyder and Team for always being supportive at all times.

Reaping Rewards

- » There has been a minimal number of issues in the infra for the ast 1 year.
- » Operating model of AWS helped to manage the infrastructure better.



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