Case Study: Re-engineering and Migration to Cloud for Order Management

Project Overview
Objective: Resolve the performance issues faced with recently migrated application to Cloud

Challenges:
- Higher Expenses incurred, with delayed cut over to cloud hosted application.
- Time to Market was slow.
- Recently migrated application was not functioning in Cloud.

About The Client:
The client is committed to the profitability and viability of independent pharmacies and support their rightful place in the healthcare industry.

Case Survey
Web application, for order management for a pharmaceutical firm.

Technology
- Introduced Redis Elastic ache – to store session info.
- Introduced clustered database through RDS.
- Appropriate certs added on the server side.
- Configurations modified, and additional AWS Services used for caching, session management to avoid transaction failures.
- Load balancing, Auto Scaling on EC2 instances introduced using different Availability Zones.
Our Solution

- RCA – On premise Application migrated to Cloud, but was not Cloud Ready. Multiple issues found, and required changes to draw cloud benefits – HA, Load Balancing, scaling, encryption and avoid transaction failures
- Wrong Certs were specified

Business Benefits Delivered

- Expedited Time to Market
- Highly Available and Load-balanced solution
- Zero Transaction failures