In Brief

- Strategizing proximity to the server clusters to be close to the business users, servers can be geographically located to suit the end user
- Abstracted and controlled load balancing – Fallover
- Managed Caching – Replication across nodes
- Native Queues – Azure Storage framework
- Various Storage containers – blobs, tables and drives
- AD authentication – ADFS services
- Data push and pull services

The Requirement

The company provides business-to-business and business-to-consumer based solutions, which is hosted at their on-premise servers. However, the company found that on-premise infrastructure needs databases, servers, licenses, hardware, IT support and maintenance at very high cost. Other factors to be considered were strategic infrastructure to support geographical growth and ability to quickly tackle unpredictable network traffic spikes.

After thorough study and analysis, client decided to migrate to Azure cloud computing and engaged Indecomm as their extended product development team.

Our Solution

The solution offer was multifold

- Optimize the existing application by migrating application components to be cloud ready and deploy them in phases
- Strategizing application architecture to standardize and optimize usage, cost by suggesting appropriate cloud services
- Extensively test and refactor application components to enhance performance of application and ensuring seamless and continuous integration with existing solution
- Adhere to specific security concerns by interfacing with local Active Directory (AD) services
- Ensure application stability and scalability by designing a robust system and monitoring to optimize performance
- Interfacing with various social networking services to cater to real-time reporting on web as well as mobile applications
Overview

Indecomm focuses on enterprise application deployment on Amazon cloud and Windows Microsoft Azure. Our deployment models include On-Premises, On-Demand as well as Pay-As-You-Go models. We have strong experience of SaaS best practices including multi-tenancy models with single instance of the software being deployed, automatic product updates, data protection, privacy etc. We work on leading cloud platforms like Amazon EC2, Google App Engine, Salesforce.com and Oracle.