

# Cloud Migration (*Datacentres Migration*)

## USE CASE:

Client is a full-service digital agency developing and implementing new customer experiences throughout the world. They works with 40% of the Fortune 100 as their digital agency of choice. One of the largest and fastest-growing global agencies, Customer supports over 750 million digital touchpoints every day. Customer has the largest pool of experienced digital engineers with over 4,300 across offices in the US, UK, Canada, India, France, Sweden, China, and Indonesia.

## BUSINESS REQUIREMENT

Customer had been using Third Party Data Centre (Reliance DC) to host their platform. They was looking for a cost-effective solution with features like highly scalable, highly available, modernization of workloads like database services and high-speed network bandwidth between on-premises and data centre.

- Auto scalable on-demand infrastructure
- Elimination of stickiness with current environment and make the solution cloud agnostic
- Save cost by committing the server utilization for a specific period
- Complete backup which is not part of the existing environment
- Advanced security for protecting the infrastructure in an efficient way
- Advanced metrics and alerting systems
- Adhere to Data Centre standards for compliance reason
- Centralized Infrastructure Administration

## SOLUTION

- Customer wanted a Lift and Shift migration initially as they wanted to move out of the DC quickly and stabilize in the new Azure Environment
- A 2-day workshop was conducted to understand the customer's Infra Architecture, security requirements and collected their asset, network and connectivity details
  - Express Route needed to be implemented and the entire process was explained to the customer and what needs to be done by their ISP
  - A POC was executed for a sample production workload that were mostly on opensource workloads
  - An entire migration strategy and plan with Azure architecture was provided after the workshop and POC
  - **Cost savings: 25%**
  - **Optimization: 120+ servers consolidated to 90+ servers**
  - **No. of tickets raised to MS for the implementation: Zero**
  - **90+ servers migrated with less than 30 minutes downtime for each server**