

On Premise Migration to Azure IaaS

Datacenter Modernization

Windows Server and SQL Server
Migration to Microsoft Azure

About Customer

The Bank is the third-largest bank in India offering a wide assortment of financial products. The bank has its head office in Mumbai, Maharashtra. It has 4,050 branches, 11,801 ATMs and 4,917 cash recyclers spread across the country as of 31 March 2019 and nine international offices. The bank employs over 55,000 people and had a market capitalization of ₹1.31 trillion (US\$19 billion). It sells financial services to large and mid-size corporates, SME and retail businesses.

CASE STUDY

Business Case

The bank had decided to adopt cloud and were identifying the first set of applications to be migrated to the cloud. The bank needed to implement the security & compliance controls based on which a landing zone was to be provisioned so that the application resources can be deployed. A migration approach for rehosting was to be devised so that the other applications can be migrated in a lesser timeframe.



Approach-Engagement Model

- Provide assessment to Managed Services, End to End service Portfolio for Cloud Adoption Journey.
- Automation of DC Management
- Structured datacenter transformation process
- Skills & processes to deliver large migration projects

Benefit

- Improved agility & Increased elasticity
- Improved quality, Security & efficiency
- Better Redundancy and resiliency
- Reduce Implementation Failure, Reflections and Recovery Time
- Optimising productivity and cost of ownership
- Optimize your Operations
- latest standards and compatibility
- Detailed transparency & Improved Governance

The Solution

The importance of cloud adoption framework and its guidance for implementation was explained to the leadership team. The journey began with identifying the motivations for migrating the workloads to the cloud. A set of applications were identified as first migration lot. Simultaneously a preparation for landing zone was planned, these were predominantly focused on the security controls & governance so that a minimum viable governance architecture was implemented.

An application migration plan was prepared stating phases of Application Assessment, Migration Strategy & implementation. The assessment phase involved eliciting information about the application components, its technology stack, deployment architecture, application dependencies, the user base, the performance need and other non functional requirements. Based on the assessment a rehosting application strategy for Windows, SQL server & Linux server VMs was adopted to migrate the application.

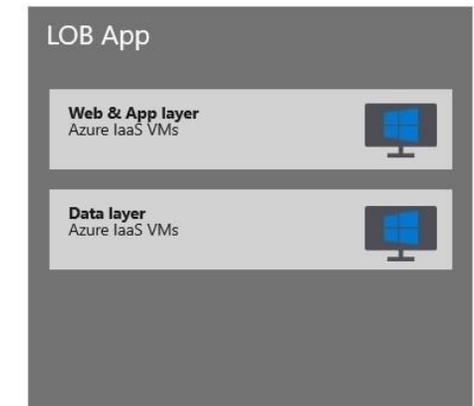
The deployment architecture was designed with the right sized SKUs to meet the SLA and the performance of the application. A BCDR plan was also prepared as it was one of the outcomes and the motivation for the migration. A plan for elasticity was also shared during the planning phase. A Cost estimate was provided for each workload and the resource tagging plan with various cost alerts were also planned.

Post the deployment of the first workload the migration plan was optimized to further reduce the migration timeframe.

On-premises



Azure





OUR CLOUD SOLUTIONS / SERVICES

Cloud Assessment

Data Estate Modernization

Cloud Management- Managed Services

Application Modernization & Innovation

Cloud Infrastructure & Application Migration

Datacenter Modernization

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We are also available through a Microsoft Teams call to understand your requirement and discuss the best possible cloud services and solutions we can offer you.

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- Silver Security
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- Silver Cloud Productivity

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Windows Server & SQL Server Migration
Modernization of Web Application