Global bank in Singapore achieves agility and 40% faster time to market through cloud migration factory

Challenges

Customer had challenges in AWS migration specific - Cloud Strategy

- Migrating and modernizing apps to AWS Cloud
- Move 75% of apps to the cloud in the next 3 years across their data center footprints
- Current DC with over 18,000 VM cost is too high (Capex)
- Compliance concerns from HKMA, MAS, etc.
- IT cost optimization (reduce cost)
- Leverage cloud IT agility (resilience & availability)
- ROI on the cloud (Opex)

Solution

Virtusa's expertise and experience in AWS Cloud Migration aided the client in establishing its first cloud migration factory.

Virtusa followed a multistage approach:

- Stage 1: Cloud governance and migration requirement management
- Stage 2: Application assessment and prioritization
- Stage 3: Creation of patterns and blueprints: to accelerate infrastructure provisioning by leveraging
- Infrastructure as Code (IaC)
- Stage 4: App migration and testing-Wave-based migration with minimum business impact

Value delivered

Key benefits included:

- ~30% velocity improvement in migration and modernization
- ~20% faster time for automation of infrastructure provisioning, with the use of Terraform and accelerators
- 24/7 accessibility to a future-ready platform for real-time bank services
- IT cost optimization - Reduced data center cost
- Optimal compliance with regulations
- 40% enhanced time to market

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