COUCHBASE CASE STUDY

Asia Commercial Bank Reduces Total Cost of Ownership with Couchbase and Microsoft Azure

Introduction

This case study of Asia Commercial Bank is based on an October 2020 survey of Couchbase customers by TechValidate, a 3rd-party research service.

Challenges

The business challenges that led the profiled company to evaluate and ultimately select Couchbase:

- Experienced the following challenges prior to implementing Couchbase:
  - Poor database management
  - Having an expensive solution
  - Long development cycles due to inefficiencies
- Considered the following vendors before choosing Couchbase:
  - Oracle
  - DB2
- Considered the following cloud platforms before choosing Couchbase:
  - Google Cloud Platform
  - Microsoft Azure
  - IBM Cloud
- Selected the following cloud provider:
  - Microsoft Azure

Use Case

The key features and functionalities of Couchbase that the surveyed company values:

- Mobile capabilities
- Kubernetes
- Uses Couchbase primarily for high performance cache.
- Chose Microsoft Azure as their cloud platform for their organization for the following reasons:
  - Price
  - Corporate initiative
  - Data security
  - Bundling services (IaaS, SaaS, etc.)

Results

The surveyed company achieved the following results with Couchbase:

- Rates the following improvements since working with Couchbase:
  - Lowered total cost of ownership: 75%-100%
  - Increased query performance: 50-74%
  - Increased operational efficiency: 75%-100%
  - Accelerated development cycles: up to 25%
  - Accelerated response times: 25-49%
  - Experienced a more efficient help desk: up to 25%

Source: Thai Phuong Lien, Financial Analyst, Asia Commercial Bank

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