COUCHBASE CASE STUDY

Medium Enterprise Computer Services Company
Significantly Accelerates Development Cycles with Couchbase

Introduction

This case study of a medium enterprise computer services company is based on an October 2020 survey of Couchbase customers by TechValidate, a 3rd-party research service. The profiled company asked to have their name blinded to protect their confidentiality.

"Please describe your overall experience using Couchbase:
"Great!"
"Couchbase is focused on business use cases with deep explanation!"

Challenges

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

- Experienced the following challenge prior to implementing Couchbase:
  - Scaling
- Considered the following vendors before choosing Couchbase:
  - Microsoft SQL
  - AWS DynamoDB

Use Case

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

- Values the following Couchbase features compared to other solutions they have used:
  - Flexible schema
  - Analytics
  - N1QL
  - Memory-first architecture
- Is storing 10-50 million documents in Couchbase.
- Is storing 1 – 10 TB of data in Couchbase.
- Is running 1-10M requests/operations per second in Couchbase.

Results

The surveyed company achieved the following results with Couchbase:

- Rates the following improvements since working with Couchbase:
  - Lowered total cost of ownership: 25-49%
  - Increased query performance: 75%-100%
  - Accelerated development cycles: 75%-100%
  - Accelerated response times: 50-74%
  - Experienced a more efficient help desk: 75%-100%
  - Experienced more efficient database management: 50-74%
  - Improved application uptime & availability: 75%-100%

Source: TechValidate survey of a Medium Enterprise Computer Services Company

Research by TechValidate