COUCHBASE CASE STUDY

Medium Enterprise Financial Services Company Saw ROI within 3 months

Introduction

This case study of a medium enterprise financial services company is based on a July 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.

> "Couchbase has a really solid architecture that allows it to infinitely scale and it's being improved all the time."
>
> "Couchbase is being used to store transactional credit card data and served to clients using a web portal."
>
> "Couchbase has been great. I really enjoy using it and it's very easy to manage. It works well."

Challenges

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

- Experienced the following challenges prior to implementing Couchbase:
  - Scaling
  - Performance
- Evaluated the following vendor before choosing Couchbase:
  - Oracle

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
  - Full Text search
  - N1QL
  - XDCR
  - Cache
  - Memory-first architecture
- Is storing 1 billion+ documents in Couchbase.
- Is storing 1 – 10 TB of data in Couchbase.
- Is running up to 50k requests/operations per second in Couchbase.
- Describes their Couchbase deployment:
  - Clusters: 10-50
  - Nodes: 50-200

Company Profile

The company featured in this case study asked to have its name publicly blinded because publicly endorsing vendors is against their policies.

TechValidate stands behind the authenticity of this data.

Company Size:
Medium Enterprise

Industry:
Financial Services

About Couchbase

Couchbase provides an enterprise-class, multicloud to edge database that offers the robust capabilities required for business-critical applications on a highly scalable and available platform.

Learn More:

⧉ Couchbase

Results

The surveyed company achieved the following results with Couchbase:

- Saw returned value within 1-3 months after implementing Couchbase.
- Rates the following improvements since working with Couchbase:
  - Lowered total cost of ownership: up to 25%
  - Increased query performance: 100%+
  - Increased operational efficiency: 75%-100%
  - Accelerated development cycles: 75%-100%
  - Accelerated response times: 100%+
  - Experienced more efficient database management: 75%-100%
  - Improved application uptime & availability: up to 25%