COUCHBASE CASE STUDY

Small Business Computer Services Company Increases Performance and Efficiency with Couchbase

Introduction

This case study of a small business computer 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.

"We use Couchbase as a caching layer for our application."

Challenges

The business challenges that led the profiled company to evaluate and ultimately select Couchbase:
- Experienced the following challenges prior to implementing Couchbase:
  - Having an expensive solution
  - Performance
  - Evaluated the following vendor before choosing Couchbase:
  - Microsoft SQL

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:
  - 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: up to 10
    - Nodes: up to 10

Results

The surveyed company achieved the following results with Couchbase:
- Rates the following improvements since working with Couchbase:
  - Increased query performance: 75%-100%
  - Increased operational efficiency: 75%-100%
  - Accelerated response times: 75%-100%
  - Experienced a more efficient help desk: 25-49%
  - Experienced more efficient database management: up to 25%
  - Improved application uptime & availability: 50-74%

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: Small Business
Industry: Computer Services

About Couchbase

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

Learn More:

Source: TechValidate survey of a Small Business Computer Services Company

Research by TechValidate