COUCHBASE CASE STUDY

Medium Enterprise Energy & Utilities Company Values Their Couchbase Deployment as Priceless

Introduction

This case study of a medium enterprise energy & utilities company is based on a November 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.

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
- Considered the following vendors before choosing Couchbase:
  - Redis
  - Cassandra

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:
  - Mainframe offload
  - XDCR
- Is storing 1 – 10 million documents in Couchbase.
- Is storing 1 – 10 TB of data in Couchbase.
- Is running 1-10M 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:
  - Lowered total cost of ownership: up to 25%
  - Increased query performance: up to 25%
  - Increased operational efficiency: up to 25%
  - Accelerated development cycles: 25-49%
  - Accelerated response times: up to 25%
  - Experienced a more efficient help desk: 25-49%
  - Experienced more efficient database management: up to 25%
  - Improved application uptime & availability: up to 25%
  - Values their Couchbase application/deployment as priceless.
  - Rated Couchbase as 4.5/5 stars.

Company Profile

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

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.

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