

A Federal Government Customer Significantly Lowers Total Cost of Ownership with Couchbase

Introduction

This case study of a federal government is based on a July 2020 survey of Couchbase customers by TechValidate, a 3rd-party research service. The profiled organization asked to have their name blinded to protect their confidentiality.



“Couchbase is a solution that covers a lot of use cases and a lot of services, such as cache, ETL, event management. Moreover, its administration is simplified by ergonomic interfaces.”

“In three words: EASY (for former sql developers), ERGONOMIC (administration interfaces) and FASTER.”

Challenges

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

- Experienced the following challenges prior to implementing Couchbase:
 - Performance
 - Replication
- Evaluated the following vendors before choosing Couchbase:
 - MongoDB
 - Oracle
 - Cassandra
 - Postgres

Use Case

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

- Values the following Couchbase features compared to other solutions they have used:
 - Mobile capabilities
 - SQL++
- Is storing 50 – 500 million documents in Couchbase.
- Describes their Couchbase deployment:
 - Clusters: up to 10
 - Nodes: up to 10

Results

The surveyed organization achieved the following results with Couchbase:

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

Organization Profile

The organization 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.

Organization Size:
Federal

Industry:
Government

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](#)