COUCHBASE CASE STUDY

DePauw University Values Their Couchbase Deployment as Priceless

Introduction

This case study of DePauw is based on an October 2020 survey of Couchbase customers by TechValidate, a 3rd-party research service.

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
  - Replication
- Considered the following vendors before choosing Couchbase:
  - Microsoft SQL
  - Datastax

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 500k – 1M requests/operations per second in Couchbase.
- Describes their Couchbase deployment:
  - Clusters: 10-50
  - Nodes: 10-50

Results

The surveyed company achieved the following results with Couchbase:

- Saw returned value within 12+ months after implementing Couchbase.
- Rates the following improvements since working with Couchbase:
  - Lowered total cost of ownership: up to 25%
  - Increased query performance: 25-49%
  - Increased operational efficiency: up to 25%
  - Accelerated development cycles: up to 25%
  - Accelerated response times: 25-49%
  - Experienced a more efficient help desk: 25-49%
  - Experienced more efficient database management: 25-49%
  - Improved application uptime & availability: 25-49%
- Values their Couchbase application/deployment as priceless.
- Rated Couchbase as 5/5 stars.

Company Profile

Company:
DePauw

Company Size:
Medium Enterprise

Industry:
Educational Institution

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](#)