

Redis Enterprise's High Availability is Essential for this Fortune 500 Transportation Services Company's IoT and ECommerce Solutions

Introduction

This Fortune 500 is a provider of multimodal transportation services and third-party logistics and strives to refine their customer's supply chain processes. As one of the world's largest third-party logistics providers, this company provides a broad portfolio of logistics services, fresh produce sourcing, and Managed Services through a growing global network. Other databases weren't cutting it when this company noticed a growing user base. They needed to scale to multiple locations and serve more pieces of their applications faster, but their current database had too slow of response times and high latency issues. In order to solve this problem, they chose Redis Enterprise because of its High Availability, in order to service its IoT and ECommerce solutions.



“Easy & straightforward, there's nothing else we can ask for!”

Challenges

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

- Encountered the following challenges before choosing Redis Enterprise:
 - High latency and slow response times from other databases

Use Case

The key features and functionalities of Redis Enterprise that the surveyed company uses:

- Has a 100 – 500 GB dataset in Redis Enterprise.
- Uses Redis Enterprise for the following:
 - High-speed transactions
 - The user session store
 - Scalability tier/content caching
- Use of Redis Enterprise does include data that is not stored in any other database.
- Increased their usage of Redis Enterprise for the following reasons:
 - Application usage and user count is growing
 - They want to scale to multiple locations/sites
 - They want more pieces of our application to be served faster
 - They have additional data models/uses for Redis Enterprise
- Using Redis Enterprise in the following types of solutions:
 - ECommerce
 - Targeting/personalization
 - IoT

Results

The surveyed company achieved the following results with Redis Enterprise:

- Values the following Redis Enterprise capabilities:
 - High availability (persistence, auto-failover, cross-zone/multi-region/multi-datacenter in-memory replication)
- Rates the following benefits of Redis Enterprise for having Redis as their deployment provider compared to their previous state:
- Would like to move additional data from the following databases into Redis Enterprise:
 - RDBMS-es (Microsoft SQL Server, Oracle, MySQL)

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:
Fortune 500

Industry:
Transportation Services

About Redis Enterprise

Redis Labs, home of Redis, the world's fastest in-memory database platform, provides Redis Enterprise as a cloud service and as downloadable software to over 7,000 enterprise customers. The high performance, true high availability and seamless scaling of Redis Enterprise, are top-ranked by industry analysts, and power use cases such as high speed transactions, queuing, user session stores, and caching, in e-commerce, social, personalization, IoT, metering, fraud detection and other real-time applications.

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