

Global 500 Banking Company Counts on Redis Enterprise to Develop New Applications Inside its Architecture

Introduction

An American Global 500 international banking-financial services holding company is a leader in providing banking, insurance, investments, mortgage, and consumer and commercial finance. It is one of the world's top 5 largest banks by market capitalization and one of the largest in the U.S. by assets. To satisfy their customer's financial needs and help them succeed financially, this company needed a database that was able to work within the micro-services framework. Other databases were too complex for new application development. Redis Enterprise was chosen to build their social and customer applications because, with its cluster-based architecture, Redis Enterprise can scale effortlessly across their architecture.



“Impressed with the ease of use.”

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
 - Other databases not being able to work within the microservices framework and are too complex for new application development

Use Case

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

- Uses Redis Enterprise for the following:
 - High-speed transactions
 - The user session store
 - Messaging
- 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:
 - In process of increasing usage, gaining support from key decision makers on using a NoSQL database.
- Using Redis Enterprise in the following types of solutions:
 - Targeting/personalization
 - Social channels/customer engagement

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)
 - Ability to seamlessly scale, cluster, and auto share
 - Fine-grained security controls
 - 24x7 support for mission-critical Redis layers
- Rates the following benefits of Redis Enterprise for having Redis as their deployment provider compared to their previous state:
 - Tremendous cost savings: the most beneficial
 - Faster time to market: The most beneficial
 - Reduced downtime: The most beneficial
 - Ability to offer fewer specialized personnel: The most beneficial
 - Higher, more stable performance: The most beneficial
- 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:
Global 500

Industry:
Banking

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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