

Redis Enterprise Helps Scholica Scale Seamlessly and Reduce Downtime by Over 70%

Introduction

Scholica is an e-learning system born out of the frustration of current collegiate online learning tools, with the sole mission of increasing the speed and performance of education technologies. Scholica's main product is a tool that makes building online courses easier than ever, allowing teachers to create lessons by combining their own materials with online videos, images, articles and other interactive content. A key feature there is Scholica Search, a tool that allows educators to quickly search for content for their course. For schools and large businesses, they offer Scholica Cloud, a scalable online learning platform (PaaS) that can be fully customized. Developers can build custom applications for the platform with ease, and the platform's support for industry standards allows organisations to integrate Scholica into their existing workflows. To match their mission statement, Scholica needed an equally high performance database. Redis Enterprise was the perfect match for their mobile and internal corporate applications, and all for a low operating cost. Thanks to Redis Enterprise, Scholica saw a 70%-90% drop in downtime, and would even like to move additional from other databases to their application.

“Redis Enterprise is super easy to set up and a good price for its quality, especially compared to competitors. Redis' high performance and versatility has helped us deliver applications faster and with greater reliability than ever before.”

Challenges

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

- Values Redis' ability to provide:
 - High availability- persistence, auto-failover, cross-zone/multi-region/multi-datacenter in-memory replication
 - Seamless scaling & clustering
 - Stable, high performance

Use Case

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

- Uses Redis for the following:
 - Job & queue management
 - Scalability tier/content caching
- Is using Redis in the following solutions:
 - Mobile applications
 - Internal corporate applications

Results

The surveyed company achieved the following results with Redis:

- Has seen the following improvements from choosing Redis as their Redis deployment provider, compared to their previous state:
 - Cost savings: 70-90%
 - Faster time to market: up to 30%
 - Reduced downtime: 70-90%
 - Fewer specialized resources: 70-90%
 - Higher and more stable performance: 70-90%
- Is increasing usage of Redis for the following reasons:
 - Their data size is increasing and processing needs are increasing
 - Their application usage and user count is growing
 - They want more pieces of their application to be served faster
- Would like to move additional data from the following databases into Redis:
 - RDBMS-es like Microsoft SQL Server, Oracle, MySQL

Company Profile

Company:
Scholica

Company Size:
Small Business

Industry:
Computer Software

About Redis

Redis is 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.

Learn More:

[Redis](#)