Building a secure sustainable future for crypto-financial markets

This platform built on on Redis Enterprise Cloud, allows clients to trade and manage their own liquidity. Redis is a key part of the software environment which uses GKE, in conjunction with a BigQuery data lake for reporting and analytics.

The challenge

Flowdesk needs to provide sub-second access to order books that store financial data among multiple geographic regions. Therefore, they needed a high-availability, low-maintenance database service that integrates with the Google Cloud ecosystem, supports Terraform, and enables virtual private cloud peering.

The solution

Redis Enterprise maintains the state of client trading sessions by caching data about orders, prices, and market movements, while Active/Active Redis simplifies the process of storing and sharing data among geographic regions.

The results

Using Redis Enterprise, Flowdesk's global financial infrastructure executes more than 1 million orders per day with sub-millisecond latency and zero downtime.

> " "We like the Redis Cloud instances because they make it easy to sustain our growth trend. We can scale the service very economically." "
>
> Julian Tocci, Head of Infrastructure, Flowdesk

About Flowdesk

Flowdesk is a Fintech company that combines experience in traditional markets with acute knowledge of algorithmic trading and crypto currencies. Their global trading network integrates over 70 centralized and decentralized exchanges into an advanced technology infrastructure that brings cutting-edge crypto services to a worldwide client base.
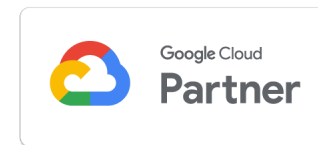
Industry: Financial Services

Primary project location: France

About Redis Inc.

Redis delivers open source and enterprise-grade data platforms to power applications that drive real-time experiences at any scale.

Products

Google Cloud Platform