several9s

Increasing database uptime with ClusterControl

iyzico
a PayU company

IYZICO

Industry: Financial services
Technologies: MySQL
Products: ClusterControl

USE CASE

A payment provider who requires a database management solution that provides 100% uptime, even during full power outages.

WHY SEVERALNINES

Severalnines was chosen as it could off er database replication at scale and diagnostics required to manage iyzico databases

BACKGROUND

iyzico, a Turkish Payment Service Provider (PSP), offers eCommerce merchants and marketplaces like sahibinden.com, Modanisa, and Babil an efficient way to accept online payments in Turkey. It also provides other services such as analytics, fraud protection, and settlement.

iyzico helps over 27,000 registered merchants navigate the difficult and complicated merchant registration process for vPOS in Turkey. The complicated process often results in rejection rates as high as 80% for some businesses. iyzico makes it easier for merchants to start selling in Turkey via a single integration of iyzico module and becomes the primary contact for online payment procedures.

CHALLENGE

Offering online payments services requires iyzico to be online around the clock. iyzico needed to provide high availability and a seamless service to its merchants in order to stay competitive. After being recommended by the IT team, Severalnines' ClusterControl product was used by iyzico to help keep their MySQL databases highly available. They needed a database management tool to communicate between the priority data center in Istanbul and the fail-safe in Ankara, this required an active/active database cluster that could assist in failovers.

> *Severalnines has helped us optimize the process of database replication and supporting active/active database clusters.*
>
> Tahsin Isin, CTO & Co-Founder of iyzico

SOLUTION

Severalnines was chosen as it could offer database replication at scale and diagnostics required to manage iyzico databases. Including the trial period, it took only three weeks for iyzico to go live on ClusterControl, due to easy integration and the Severalnines support in coding fail-safes between nodes and databases.

The collaboration between Severalnines and iyzico created a secure database management system offering high availability, even when a data center was affected by a power cut. iyzico intends to move to the enterprise ClusterControl solution so it can manage encrypted data and work on developing the capabilities of a new data center.

OUTCOME

Tahsin Isin, co-founder, and CTO of iyzico stated: "Severalnines is the perfect solution to help us combat the problem of using erratic data centers, last year we experienced several outages. Severalnines has helped us optimise the process of database replication and supporting active/active database clusters, so we can continue offering our services to our clients even when our main data center is down."

Vinay Joosery, Severalnines CEO, stated: "We are delighted to have such a fast-growing FinTech company working with us. We are fully committed to helping iyzico solve problems like data center outages and continue to stay online with maximum uptime. We have enjoyed working with the iyzico team, helping them to continue innovating in a very challenging Turkish Financial Services environment."