



Migration to the AWS Platform

ZOPA

The Challenge

HeleCloud has been working with Zopa, a leading UK online personal finance bank and a peer-to-peer lending provider. In early 2017, Zopa embarked on an ambitious programme to migrate large parts of its mission critical systems from hosting facilities to the AWS Platform. As part of the programme, Zopa is also re-architecting its core applications to further improve performance, availability, and scalability, and better meet the requirements of the fast-growing business in the Cloud.

The Solution

HeleCloud's focus has been on Cloud Architecture, Automation, Security, Compliance and Project Management. The programme started by analysing regulatory and business compliance requirements, including such by the UK financial services regulator - the FCA. The Zopa and HeleCloud architecture and engineering teams then established high level designs and reference architectures for all Zopa environments. The detailed implementation design includes technologies from AWS, as well as other vendors and assumes a fully automated software lifecycle management process that allows for very rapid and frequent deployments in a secure and compliant fashion. HeleCloud has provided designs, and implemented the infrastructure elements of the system such as network connectivity (via AWS VPC), security of data at rest and in flight, key management, availability and DR (via AWS EC2, AWS Autoscaling and AWS Load balancers), as well as tagging and cost allocation. An important part of the work also included performance engineering for critical and highly demanding components of the infrastructure.

The Results

The HeleCloud team has demonstrated strong drive to deliver against aggressive timelines and to high standards. They have been flexible in terms of scheduling resources with the required areas of expertise, establishing the high-level process and coordinating activities, and tracking progress against deliverables, and associated dependencies. They have demonstrated strong customer focus and desire to understand the business challenges and focus on them, very good Cloud competency, and flexibility. We recommend HeleCloud as a trusted, competent, and results-orientated partner. Zopa is going to continue to partner with HeleCloud.

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