



Company/Client

Geek Soft

Industry

IT, Software House

Duration

June - July 2016

Services:

Project of AWS infrastructure, migration to cloud, technical support



Consulting



Cloud Computing



Technical Support

Geek Soft

Case Study



Project description

Geek Soft is a software house, specializing in building efficient products for financial services based on rigorous software quality models like financial market trading platforms and cryptocurrency payment systems. Because of that, **capability** and **cybersecurity issues** are very important to the company.



Geek Soft's wide scope of software development creates opportunities to participate in a large variety of projects.



Challenge

Geek Soft used to have a typical set of dedicated servers, placed in the Data Center. Because of the growing needs the previous infrastructure was insufficient and completely non-flexible. That's the reason why Hostersi have migrated resources of Geek Soft to **Amazon Web Services** where one of the greatest benefits is the ability to **scale up and down**.

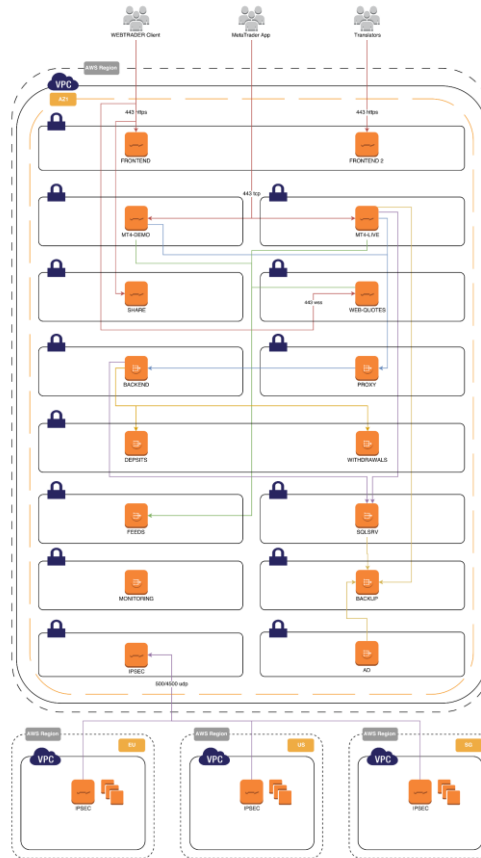


Hostersi, Amazon Web Services Consulting Partner, specializes in remote management of server resources and cloud solutions, has prepared the project of the new infrastructure in AWS



Implementation

Hostersi has prepared the project of the **new infrastructure in AWS**, based on previous physical infrastructure with minimum resources suitable for the current load of physical servers and the ability to scale up, including the proper MSSQL licensing model.





Implementation

Furthermore, Hostersi has configured AWS elements and implemented 'Security Groups' matched to firewall rules to ensure the highest level of **cybersecurity**. The new infrastructure has many kinds of AWS instances – from t2 to m4 and c4. 'Us-east-1' region (US East, N. Virginia) was used and all instances are placed in Availability Zone 'us-east-1a'.

The project is based on private addressing used for the network (VPC), which was then divided using VLSM (Variable Length Subnet Mask) for the smaller subnet. Each of them form the base for various functional groups of instances and ensure support for the introduction of multiple Availability Zones (**Multi-AZ**) in the future.





Business benefits

New infrastructure in AWS means **bigger flexibility** and a **higher level of security** for Geek Soft's IT projects. The new infrastructure is highly scalable and allows to quickly increase or decrease resources.

Now, the people from Geek Soft only **pay for what they use**. That's the good deal!

