



Hotelston UAB

Lvovo g. 25
09320 Vilnius, Lithuania
<https://www.hotelston.com>

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Our company got familiar with MooseFS at the time when company's infrastructure started to grow in size exponentially. As more and more virtual servers were introduced the more public cloud limitations we faced. One of the most frustrating disadvantages was SAN storage failures and worse than expected I/O performance. We made a decision that we would better off by using Infrastructure as a Service solution where we would have self-support and decision-making possibilities. Our choice was a Hyperconvergent server solution combining computation, network and storage into a defined hardware units – something like a big-scale hyper modules. This enabled infrastructure to become hot-swappable set of elements with minimal downtime and highest fault tolerance and also greatly simplified scalability of the whole system.

In order to implement such vision, we had to choose a proper storage software which played a major role in this scenario, however most of the current modern solutions have one or more critical disadvantages in elements we took into consideration – they either lack in area of performance, high-availability, scalability or the cost. As an IT engineer I was really surprised that MooseFS was the best choice in the market after trying out and comparing multiple well-known enterprise-level solutions as it was certainly the easiest to implement, most flexible (especially for having ability to have different type of drives on each hardware unit), most tolerant to faults (f.e. unexpected power-offs), and self-recovering meaning that maintenance was a trouble-free process. I am also pleased that each new hardware unit brought into infrastructure increases the overall performance this way showing a great potential in scalability. Last but not least, I really enjoyed having great support on MooseFS and having every one of my question answered in a swift and detailed manner even before buying the actual product – a thing I never expected to find after many frustrating years dealing with corporate "premium" support lines.

So far, our choice for MooseFS seems a right decision as we have achieved the goal we desired – to have an infrastructure of high performance, redundancy and easy maintenance while keeping cost-efficiency in mind. I can honestly recommend MooseFS, especially from the perspective of IT engineer as it over-delivered my expectations and is an example of software done right.

Justas Pačekajus
System Engineer
Hotelston Ltd.