peasoup
A CLOUD COMPANY

Customer Case Study

" Over the past 6 months, PeaSoup hosting has saved me money and time but most importantly changed the way I work by helping me to work in a more technologically efficient manner. "

Robert Fredrick Chestnutt - Research Fellow

The Customer

Robert Fredrick Chestnutt

PhD Candidate
Caspian Programme
Dublin City University

Robert Chestnutt has a BSc from the Dublin Institute of Technology, a Masters in International Relations from Dublin City University and an MLitt in Middle East & Central Asian Security Studies from the University of St. Andrews. Robert's doctoral research focuses on the nature of authoritarian support in the post-Soviet space.

About PeaSoup

PeaSoup is an award-winning cloud company providing cloud services, including backup and recovery, disaster recovery and infrastructure as a service, that are simple to implement and offer an unrivalled level of performance, from hyper-converged architecture and Tier 3 datacentres, reliability and stability and based on a leading-edge immersed IT infrastructure.

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Infrastructure as a Services helps to achieve work excellence

The Challenges

As a researcher working on a European Union funded projects, who routinely uses quantitative and machine learning methods on computationally expensive text mining processes, a suitably robust and equipped computer is essential for the quality and scope of my output.

As a researcher of the social sciences and not an IT professional, Robert has struggled for many years in choosing an infrastructure that is efficient, cost effective and user-friendly for his workload. He can't recall the amount of times his computer has stalled or crashed while trying to process even moderate amounts of text data.

The Solution and Customer Benefits

It is very easy to fall into a trap of spending a small fortune on a multi-core RAM heavy machines, when it still may not even have the capacity to perform essential tasks.

Robert has drifted from various operating systems, between statistical programming languages over the years. However, learning about, and using, the infinitely more flexible virtual machine (VM) has allowed him to refocus on the tasks that are essential to the quality and time frames of his projects.

In using a virtual machine, he hasn't needed to invest in an oppressively expensive PC solution. Instead, he can do all his tasks from a very basic computer using a VM that is remotely accessible from any PC in any location. Moreover, he can tailor performance of the VM to required workloads.

In his research projects, certain tasks require considerable heavy lifting (high performance). In terms of heavy lifting, this will cost somewhat more than less computationally expensive tasks but using Infrastructure as a Service (IaaS) PeaSoup allows me to spread the costs evenly, and often offset against lighter tasks.

The Outcome

As mentioned above, Robert engages in social science research and although reasonably technologically savvy, much of the nuance of the internal architecture of computers is well beyond the scope of his understanding.

Regardless, PeaSoup Tech Team have spent a considerable amount of time helping Robert to tailor his IaaS, VM, operating system to ensure he was comfortable using the infrastructure. This has really helped him to avoid becoming bogged down in surveying the multitude of available environments and get on with essential research business.

For other case studies please visit: **www.peasoup.cloud/resources**
or speak to us on +44 (0)1932 450 400.