

Bank consolidates its storage applications and secures high availability from Loadbalancer.org for its HPE Ezmeral Data Fabric application.

Commercial bank achieves optimized and highly available object storage, with flexible throughput licenses from Loadbalancer.org.

Consolidation of their storage applications, high availability, uncapped licenses, and high-quality support were the top requirements for this commercial bank when it started looking for a load balancing partner.



Hewlett Packard Enterprise



Loadbalancer.org's flexible subscription and unrestricted licensing model gives us the ability to scale our Ezmeral S3 on-demand without any fear of cost creep."

Service Delivery Manager,
Commercial Bank

Challenge

- Need to consolidate multiple storage applications
- High availability needed for Ezmeral Data Fabric
- Lack of quality technical support to address customer issues
- Backup/restore and disaster recovery

Solution

- Two pairs of Enterprise VA MAX load balancers
- Professional services
- Subscription billing model

Partnership Benefits

- Extremely flexible topology options
- Flexible licensing model
- Responsive support services
- Technical training for in-house staff

Challenge

This commercial bank uses the latest technologies and the best banking traditions but wanted to simplify and de-risk its core IT infrastructure. The IT Department at the bank wanted to consolidate its multiple storage applications, and provide high availability for its critical HPE Ezmeral Data Fabric application. It was therefore looking for a load balancing partner with a wealth of storage experience to help it do so.



This gives us the ability to scale our storage solution without fear of creeping costs, and increase capacity to 5 PB over the years.”

As an OpEx business, it specifically wanted to find a partner that could provide load balancers for a monthly subscription. However, when it began to engage with leading load balancer providers, it found that most of them had very inflexible pricing structures.

Support was another key concern for this bank when searching for a load balancing partner. They wanted to ensure that all their virtual and real servers, which were running critical applications, were up and running regular health checks for optimum performance. Furthermore, the ability to recover data from any failed node and have full backup/restore functionality was extremely important for data compliance.

Solution

Loadbalancer.org’s experience load balancing HPE’s Ezmeral Data Fabric, its flexible approach to licensing, and its subscription billing model made it the perfect fit for this commercial bank.

With detailed, validated deployment documentation and support provided by Loadbalancer.org, the bank was able to optimize its deployment of Ezmeral S3, for high availability of its storage nodes.

“The Loadbalancer.org product ensures high performance and availability of our storage application, one of the most critical at the bank, which is critical for data compliance and resilience.”

Unlike the vast majority of virtualized application delivery solutions, the Enterprise VA MAX from Loadbalancer.org is not restricted by bandwidth or throughput, providing this bank with a fully scalable solution. By balancing traffic across all the available storage nodes, the Loadbalancer.org product ensures high performance and availability of all

applications, one of the most critical business requirements for the bank.

Due to the multi-site nature of the business, two separate pairs of 100G load balancers were required for installation across its data centers, using the product’s inbuilt GSLB functionality to provide multi-site failover for their Disaster Recovery data center.

Benefits

More than a year after selecting Loadbalancer.org, this commercial bank remains impressed by the commitment of its new load balancing partner and the difference it has made to the cost and performance of its application stack. “With Loadbalancer.org’s uncapped license, there are no restrictions, so we can increase their use on-demand, without any performance issues or cost implications,” the Service Delivery Manager explained.

“This gives us the ability to scale our storage solution without fear of creeping costs, and increase capacity to 5 PB over the years.”

The bank has also benefited from optimization of its object storage, as well as the high availability of other critical services. “The load balancer’s intelligent health checks allow us to make the best use of our available resources, resulting in the improved performance of HPE’s Ezmeral Data Fabric.

The simplicity of the configuration of Loadbalancer.org products, combined with the bespoke deployment guide, allowed the bank to accelerate its plans to consolidate its storage infrastructure and critical applications, de-risking its estate, securing high availability, and positioning itself for future growth.

As a validated load balancing vendor for our chosen storage application, we were able to move faster than planned and realize the benefits across our entire application stack sooner than anticipated.”

About Loadbalancer.org

Loadbalancer.org’s mission is to ensure that its clients’ businesses are never interrupted. The load balancer experts ask the right questions to get to the heart of what matters, bringing a depth of understanding to each deployment. Experience enables Loadbalancer.org engineers to design less complex, unbreakable solutions - and to provide exceptional personalized support.

