

Power Your Enterprise Applications with the Concurrent and Mellanox Solution

Open, Flexible and Scalable Aquari Storage with End-to-End Mellanox Networking

A modernized software-defined storage architecture can help data centers keep up with the vast amounts of data being generated. The continuous surge of data and emergence of petabyte scale environments requires systems with massive scalability, continuous uptime, and greater automation.

Businesses migrating to new systems every two or three years is disruptive to business operations and building datacenter silos for each application is inefficient and costly to manage.

To break this status quo, Concurrent and Mellanox are working to change the way that storage and networking are built and used in the modern data center.

Concurrent's Aquari storage platform, backed by Mellanox end-to-end ethernet technology, delivers a more open, flexible and scalable storage solution supporting information-driven business needs.

Aquari is a unified scale-out storage solution that is scalable from hundreds of terabytes to exabytes. Aquari storage performance scales in parallel with capacity which allows a cluster to adapt to application needs. Architected on an open platform and designed to be enterprise ready, Aquari supports a wide variety of applications and

workloads.

Fundamentally, Aquari allows customers to scale their storage platform more simply, configure their cluster to handle multiple workload types, and to achieve exabytes of usable capacity with less effort and a much lower total cost of ownership. As such, customers can focus on growing their businesses.

Mellanox End-to-End Ethernet Solution

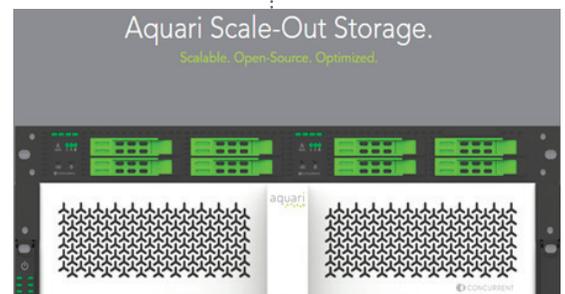
Mellanox end-to-end Ethernet solution perfectly complements Aquari storage. Optimized for ultra-low latency lossless networking fabric, the Mellanox Ethernet solution supports the most demanding performance requirements, and works for any storage deployment.

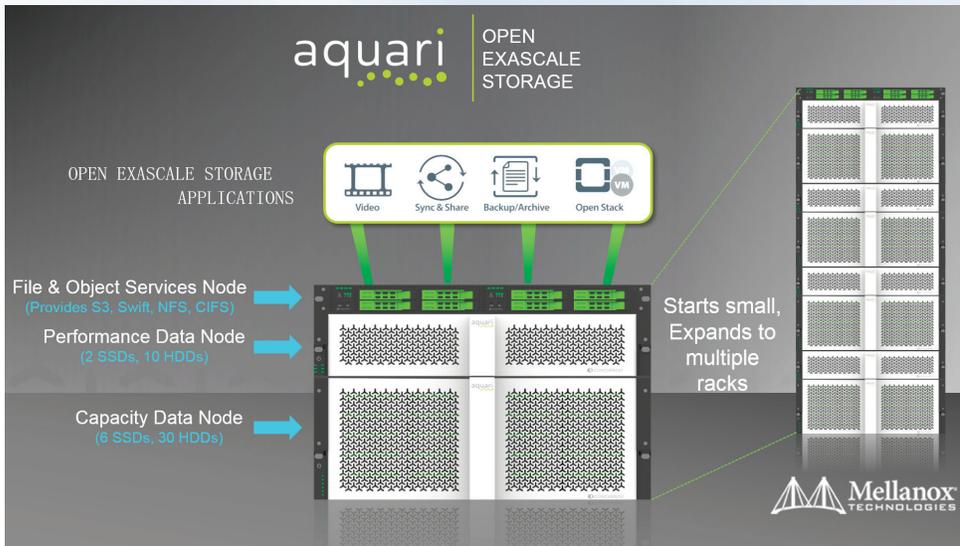
- **Non-blocking 10/25/40/50/100G Ethernet switches:** Mellanox Ethernet switches deliver predictable performance at full line rates. Non-blocking switching, consistent ultra-low latency, and zero packet drop at any packet sizes make the network invisible for dynamically changing workloads. Featuring various port counts and network speeds, Mellanox switches support various

KEY BENEFITS

- Open platform flexible to support most application workloads
- High performance scalable to meet growing application needs
- End-to-end 10/25/40/50/ 100G Ethernet delivering invisible networking infrastructure
- Simple to deploy, easy to operate

Concurrent Linux	Concurrent's Real-Time Linux operating system is proven in the most demanding aerospace and defense applications. Aquari gains improved performance and reliability even in very large clusters where timing can be a problem
Ceph Storage Engine	Based on open source Ceph storage software, Aquari delivers unmatched flexibility by combining object, block, and file storage into a single platform. Flexible multiprotocol connectivity (S3/Swift, RADOS, RBD, NFS/ CIFS) integrates easily with enterprise applications
Simple Management:	With its intuitive GUI, simplified installation and expansion software, and storage operations functions, Aquari reduces the time and effort associated with installation, operations and expansion of your storage cluster





configurations. Further, at speeds from 10GbE to 100GbE, Mellanox switches enable storage and the data center scale-out to meet future growth

- **High performance network adapters with RDMA offload:** Mellanox network adapters not only deliver high performance but also provide network offload functions, such as RDMA, that significantly improve the CPU utilization and the performance of scale-out storage systems
- **Open source and OpenStack/Ceph support:** Mellanox is committed to delivering open networking. Integrated seamlessly with OpenStack, Ceph and other open scale-out platforms, Mellanox Ethernet solution brings unparalleled simplicity, elasticity and efficiency into cloud deployments
- **Ease of use and management:** Mellanox provides a network orchestration and automation software, NEO, to make the network configuration and management effortless, even for people without much networking background. REST APIs make it easy to integrate NEO into other management software such as Mirantis OpenStack cloud management software

By providing Ethernet switches, adapter cards, cables and management software, Mellanox networking greatly improves both infrastructure and operation efficiency, thus significantly lowers the total cost of ownership.

About Concurrent

Concurrent (NASDAQ: CCUR) is a global software and solutions company that develops advanced applications on a core foundation of high performance Linux and storage technologies. We serve industries and customers that demand uncompromising performance, reliability and flexibility to gain a competitive edge, drive meaningful growth and confidently deliver best-in-class solutions that enrich the lives of millions of people around the world every day.

About Mellanox

Mellanox Technologies is a leading supplier of end-to-end Ethernet and InfiniBand intelligent interconnect solutions and services for servers, storage, and hyper-converged infrastructure. Mellanox offers a choice of high performance solutions: network and multicore processors, network adapters, switches, cables, software and silicon, that accelerate application runtime and maximize business efficiency for a wide range of markets including high performance computing, enterprise data centers, Web 2.0, cloud, storage, network security, telecom and financial services. More information is available at www.mellanox.com.

“Powered by high-performance and future proof Mellanox Ethernet technologies, Aquari delivers open, flexible and scale-out storage solution and services that meet all your business needs and pay as you growth without costly data migration.”

*- Scott Ryan
SVP & GM,
Storage Solutions at
Concurrent*



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