

Update on the Xyratex Acquisition of Lustre®

IDC HPC User Forum -- Tucson, Arizona
April 30, 2013

xyratex.

Xyratex Acquisition of Lustre Assets

- On February 20, 2013, Xyratex acquired the Lustre Assets from Oracle Corporation
- The Lustre Assets include
 - Lustre registered trademark
 - lustre.org domain
 - The intellectual property of all Lustre source code from the project's inception in 1999 to Lustre 2.0
 - The development and support tool chain (automated build and test software, etc.)
 - Community assets (lustre.org wiki, Bugzilla, Mailing lists, etc.)
- All of Oracle's active Lustre support contract

About Xyratex

- Largest worldwide OEM Disk Storage System provider*
 - ~19% of worldwide external storage capacity shipped in 2011
 - > 4.1 Exabytes of storage shipped in 2011
 - Shipped our 1 Millionth Enclosure in 2011
- ~ 50% of WW disk drives are produced utilizing Xyratex Technology
- Over 2000 employees worldwide
- Over 25 years of storage & networking R&D experience & innovation

*Source: Internal analysis, IDC, December 2011; Coughlin Associates, 2010

ClusterStor



- Integrated Lustre Storage Solution
- Engineered for High Performance Computing
- Revolutionary 'scale -out' storage architecture
- The Best
 - Performance and scale-out
 - Reliability and serviceability
 - Easy of management and deployment
 - Consolidation and density
 - Efficiency per kWh



Xyratex is Committed to Lustre

Xyratex Roles in the Lustre Community

OpenSFS Board Member & EOFS Member

Direct funding for Lustre roadmap development

Contributor to Lustre Source & Roadmap

World class Lustre development team

Integration of Lustre into ClusterStor™

Industry-leading HPC storage solutions

Lustre Support Services

ClusterStor, Lustre and 3rd party hardware

xyratex



Why?

- Reinforce Xyratex's commitment to the Lustre project
- Provide the broader HPC community with increased confidence of an enduring Lustre
- Liberate highly visible community resources that were otherwise going stale
- Augment our tool set for developing and supporting Lustre
- Build relationships with Oracle customers who rely on Lustre

What Happens Next?

- Discussions underway with Lustre community groups
- lustre.org strategy
 - Seeking input from a wide cross-section of the community
 - Does the community benefit from a general Lustre “brand”
 - How shall we revitalize lustre.org?
- Documentation update strategy
 - Lustre Operations Manual
 - lustre.org wiki
- Trademark protection
 - A vital community asset that Xyratex will defend

What About the Copyright?

- Lustre development forges on in the community canonical release
- The modern Lustre represents an intentional melange of copyright contributions on top of Oracle's original IP
- Not clear that anything needs to change
 - Keep doing what we're doing for the foreseeable future
- What about the future?
 - We don't know
 - But we've made more tractable the potential for a homogenous body of Lustre intellectual property should the community need it

Summary

- The Lustre trademark and all of the intellectual property assets are back in the HPC Storage community
- There are virtually no impacts to the productive development underway in the community or how the OpenSFS-endorsed canonical source tree is managed
- Xyratex is committed to Lustre for the long haul
- We reassure the storage industry in general that Lustre is here to stay

Long Live Lustre!