Lustre Roadmap

Available Now

Lustre 1.8.1

- × OST pools
- × OSS read cache
- × Adaptive timeouts
- Version based recovery (VBR)

Lustre 2.0 alpha

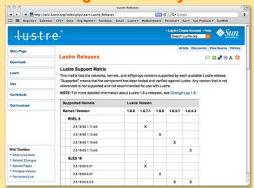
Q4 2009

Lustre 2.0

- Server and client restructured for CMD and ZFS
- ★ Server Change Logs
- × Commit on Share
- × SOM Preview

Linux Distributions and end of Life Info at: http://wiki.lustre.org/index.php/Lustre_Support_Matrix

lustre.org Community Site



Use, Learn, Download, Contribute, Get Involved

2010

- × ZFS Lustre GA
- × HSM for HPSS
- Size on MDS
- Clustered MetaData Preview

2011+

- Clustered MetaData GA
- Online Data Migration
- MD Write Back Cache
- Proxies
- Other HPCS related features

Other Features In Progress

Windows Native Client

Security GA

Network Request Scheduler

pNFS exports

HSM/SAM-QFS

Scalable health monitoring



Direction and Product Goals

Integrate Lustre with ZFS/DMU (kernel space)

Exabytes of storage, trillions of files, 100,000s of clients

TBs/sec of throughput, 100K MDS operations

Community driven tools and interfaces