

Lustre Roadmap



Available Now

- Lustre 1.8.1
- ✕ OST pools
- ✕ OSS read cache
- ✕ Adaptive timeouts
- ✕ Version based recovery (VBR)

Lustre 2.0 alpha

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

Q4 2009

- Lustre 2.0
- ✕ Server and client restructured for CMD and ZFS
- ✕ Server Change Logs
- ✕ Commit on Share
- ✕ SOM Preview

2010

- ✕ ZFS Lustre GA
- ✕ HSM for HPSS
- ✕ Improved SMP scaling
- ✕ Size on MDS
- ✕ Fast Recovery
- ✕ 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

lustre.org Community Site

Kernel / Version	Lustre Version			
	1.8.0	1.8.7.1	1.8.6	1.8.5.1 1.6.4.3
RHEL 5				
2.6.18-02.1.17.el5		X		
2.6.18-02.1.12.el5			X	
2.6.18-03.1.14.el5				X
2.6.18-03.1.13.el5				X
SLES 10				
2.6.18-06-0.31		X		
2.6.18-06-0.27			X	
2.6.18-04-0.25			X	X

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