Lustre 2.5

Lustre 2.5.0 will be released in the fall of 2013. This is its test matrix.

Server Support	Client Support
RHEL 6.4, CentOS 6.4	RHEL 6.4, CentOS 6.4, SLES 11 SP3

As well as ongoing stability improvements, there are a number of new features in the Lustre 2.5.0 release.

Feature	Summary	JIRA	Notes
3.6/FC18 Server Patches	.	LU-1812	
LFSCK Phase 2 - MDT-OST consistency	Traverse all inodes in an MDT and verify their corresponding objects on the OSTs exist. This work is part of the OpenSFS contract awarded to Whamcloud. LFSCK Architecture and Design Docs available soon	LU-3335	
HSM - Coordinator	Today Coordinator runs in the MDT layer, code need to be reorganized to achieve a better layering MDT/MDD so some changes can be made in a single transaction	LU-2061	
HSM - Copy tool	The copy tool is the HSM component which moves data between Lustre and an external storage system. This feature will be for POSIX copy tool which can use any POSIX-compliant filesystem as a backend target system. The copy tool is used for all the sanity tests made for HSM features (sanity-hem.sh)	LU-2062	
LNET Router Priorities	Adds a parameter to route module parameters which sets a priority number for that route. Routes with the smallest priority number will be favored over ones with larger numbers	LU-2934	
enable server builds for sles11sp2	Enabling sles11sp2 server builds in our build and test framework.	LU-3337	
HSM - Disaster Recovery Support - Master Landings		LU-3362	
Access to a relasead file trigs a restore		LU-3432	
HSM Activity Monitoring - Master Landings		LU-2060	
HSM - Changes to Test Framework - Landing to Master		LU-2064	
HSM Import Support - Master landings		LU-3363	
DNE Support with HSM - Master landings	This implements: • management of HSM requests to several MDT coordinators • copytool registration to several MDT coordinators • coordinator to copytool communications with several MDT coordinators	LU-3365	
kernel update [SLES11 SP3]		LU-3567	