



Intel[®] Solutions for Lustre* Software Update

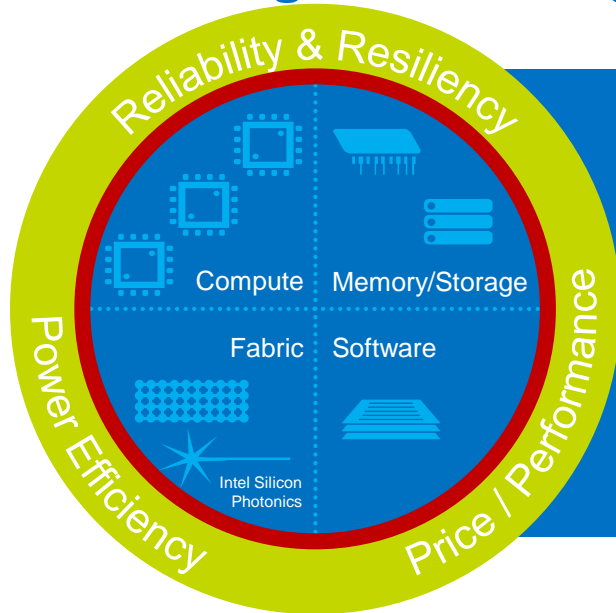
Jessica Popp

Intel[®] Software and Services Group

LUG 2016

Intel® Scalable System Framework

A Configurable Design Path for HPC & Big Data Workloads



Small Clusters Through Supercomputers
Compute and Data-Centric Computing
Standards-Based Programmability
On-Premise and Cloud-Based

Intel® Xeon® Processors
Intel® Xeon Phi™ Processors
Intel® Xeon Phi™ Coprocessors

Intel® Solutions for Lustre*
Intel® SSDs

**Intel® Omni-Path
Architecture**
Intel® True Scale Fabric
Intel® Ethernet

HPC System Software Stack
Intel® Software Tools
Intel® Cluster Ready Program
Intel Supported SDVis

Intel® Parallel Computing Centers

Funding the Growth of Lustre*



Adaptive optimized ZFS data compression
Client-side data compression



TSM HSM copytool for Lustre



Automated client-side load balancing



Global adaptive Network Request Scheduler



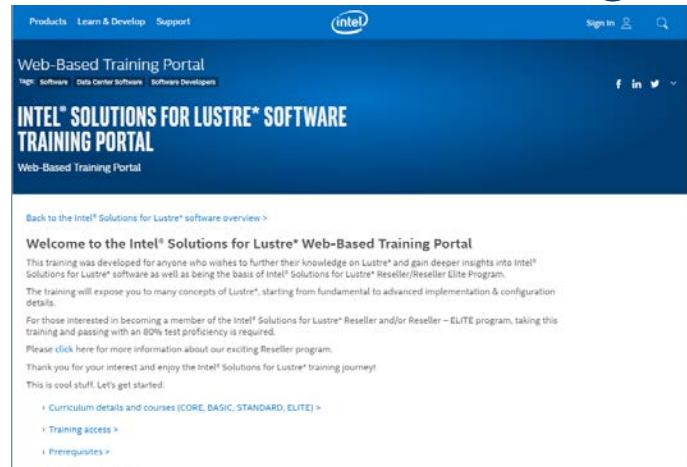
Spark and Hadoop on Lustre

<https://software.intel.com/en-us/ipcc>

Intel® Solutions for Lustre* Software

Announcing: Partner Program and Lustre* Training

- Launched March 2015
- New Partner Program
- Training authorization program
 - Enabling partners
 - Available to End Users or anyone who wants to learn Lustre

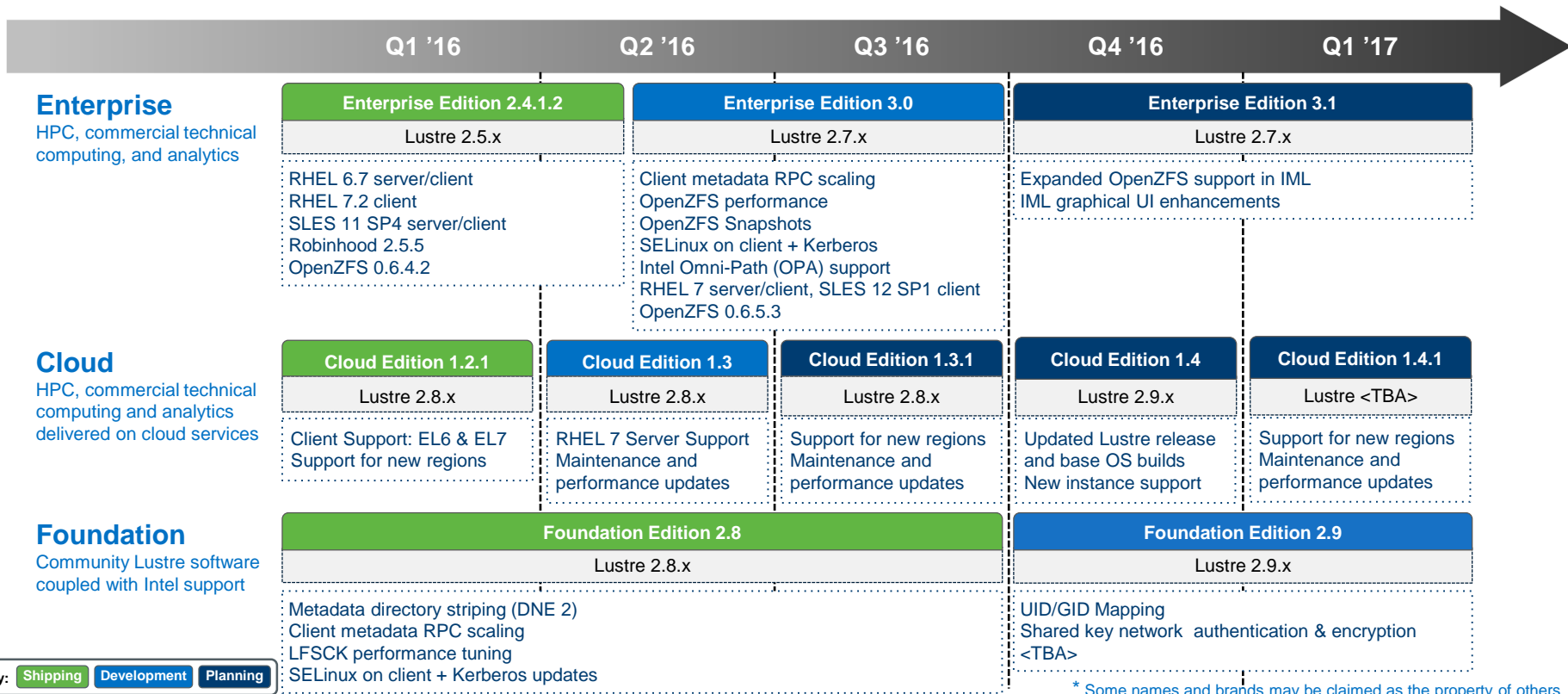


intel.com/lustre-training

Intel® Lustre* Partners



Intel® Solutions for Lustre* Roadmap





Latest Releases

Continuing Performance Focus. Adding Enterprise Features.

- Intel® Enterprise Edition Lustre 3.0
 - Available April 2016
- Community Edition 2.8
- Cloud Edition 2.0
- Partner Updates
 - Seagate
 - Microsoft
 - HPE
 - Supermicro

Support for Open Source Software

+10,000 software developers at over 35 sites worldwide

