



HP CCN Global File System Collaboration

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Agenda

- Global Filesystem Collaboration objectives and status
- HP SFS update.
- EFT Customer experience talks
 - PNNL
 - SSCK
- What Next ?

Collaboration Members

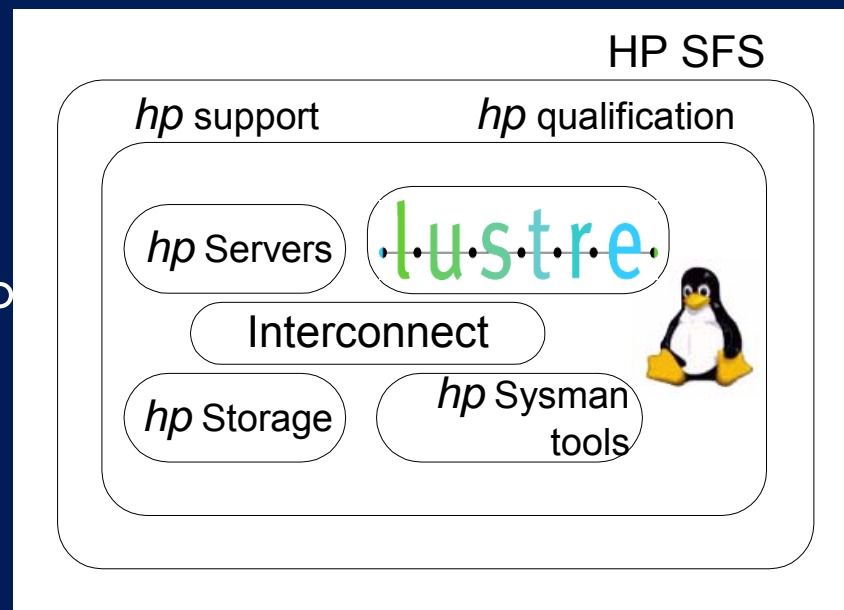


Collaboration history

- Initial objectives were:
 - **Design reviews** - current design issues are discussed and feedback sought. Provides members the opportunity to influence HP's Lustre design center.
 - **Status updates** - current state of developments, achievements, and challenges are reviewed
- March 3rd "Jimi" presentation (Tim Reddin)
- New members
 - Oakridge, Sandia Labs, PNNL

HP SFS Update

- HP SFS = “Scalable File Share”.
 - Our product offering that provides a reliable global file system for Linux clusters.
 - Lustre™ open-source technology + HP management tools + hardware.
- Integration, qualification and support
 - One stop shop for complete Lustre solution
 - Global support by HP Services
- System management
 - System administration
 - Additional features to deliver a “whole product”



High-Performance Clusters



Linux Compute Cluster

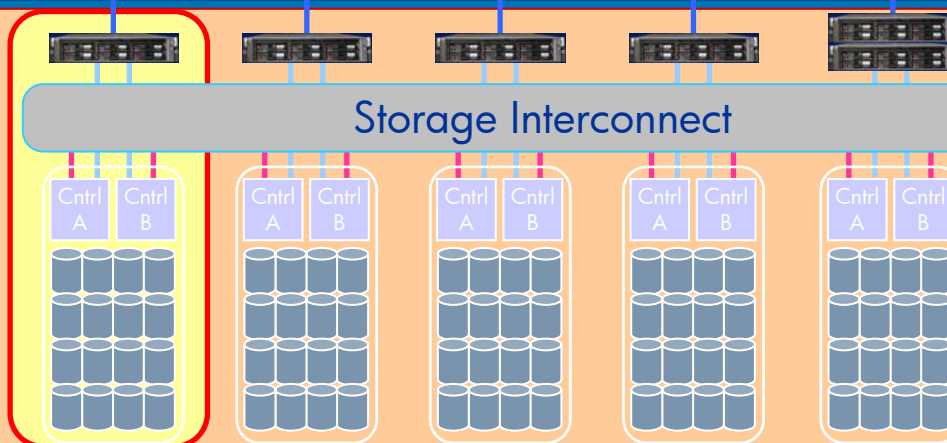
Lustre clients
running on
Linux cluster nodes



Cluster Interconnect
Myrinet, Quadrics, Gb Ethernet

OSS Smart Cells

HP SFS
File System



MDS
&
Management
Smart Cells

HP StorageWorks Scalable File Share (SFS)

Releases

- Shipping: V1.0 – Early Availability
 - Selected customers, by exception
- Dec 04: V1.1-0 General Availability
 - Supported by HP Services
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EFT Customer experience talks

- Lustre at PNNL: SuperComputers and Archives
 - Evan Felix, PNNL
- Performance measurements and experiences with the HP SFS EA release
 - Roland Leifer, SSCK

What Next ?

- We need to hear from you
- Our proposal:
 - Share Performance Analysis and Results
 - Objective: Make best use of your File Storage
 - Which tools ?
 - Any one willing to share proprietary tools ?
 - Can we publish on our HP CCN site ?
 - Tell us what features you want to see in future releases.
 - Tell us what's most important to you.
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