NFS Version 4 WG Interim Meeting 2011

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Things

- Sign blue sheets! Name and e-mail address…

- Note well

Note Well

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Agenda

- Intro/Blue Sheets/Note Well
- Agenda Bashing
- WG Status and Interim Meeting Goals
- NFSv4 bis issues
- User Id Translation in AUTH_SYS Environments
- LEASE_MOVED error handling
- RFC 5664 pNFS Errata
- <lunch>
- Simple and Efficient Read Support for Sparse Files
- FedFS Domain Roots
- NFSv4.1 pNFS Open Issues
- pNFS LAYOUTCOMMIT optimizations
- Server-Side Copy Implementation Experience
- NFSv4.2 Structure and Content
- pNFS File Servers Implementation Strategy
- pNFS over IPv6
- Performance Related Issues of NFSv4.1/pNFS
- Secure NFS in 4.x
- Multi-layout pNFS server support
- FedFS Implementation Issues

NFSv4 WG Charter

- NFSv4.0 Maintenance

- NFSv4.1 Maintenance

- RPC and XDR Protocol Maintenance

- Federated Namespace

Proposed Work

- pNFS Access Permissions Check
- NFSv4 Multi-Domain Access
- NFS Pathless Objects
- Extending NFS to Support Enterprise Applications
- Storage De-Duplication Awareness and Sub-File Caching in NFS
- Metadata Striping for pNFS
- Simple and Efficient Read Support for Sparse Files
- NFS Space Reservation Operations
- NFS Server-Side Copy
- NFSv4 pNFS Back End Protocol Extensions
- MAC Security Label Support for NFSv4
- NFSv4.2 Unstable File Creation
- Storage Control Extensions for NFSv4

Questions, issues?