NFSv4 Multi-Domain FedFS

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NFSv4 WG Charter

- As NFSv4 FedFS deployment models are discussed/planned, a significant issue related to conflicting user identification spaces exists.

- User identification collisions can occur when an NFSv4 server exports non-domain aware POSIX file systems with separate name (NIS/LDAP) services.

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- These collisions can block proper FedFS operation in large corporations or Universities with multiple naming services, or in being a solution to join NFS name spaces in corporate acquisitions or across University domains.

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- To assist in resolving these issues, the working group will deliver three items.

- **First, there are a number of constraints and clarifications to the current NFSv4.0 and NFSv4.1 protocols to fully enable cross domain FedFS.**

- So I give you:

draft-adamson-nfsv4-multi-domain-federated-fs-reqs

nfsv4-multi-domain-federated-fs-reqs

- This is a short (!!) NFSv4 draft (12 pages)
- Multi-domain NFSv4 FedFS **will not work** without these issues being addressed!
- It has been around since September 26, 2012
- It's adoption was waiting for the FedFS drafts to become solid.
  - This has happened

nfsv4-multi-domain-federated-fs-reqs

- It has been reviewed by:
  - Chuck Lever
  - Brian Reitz
- I propose we we move this personal draft to an NFSv4 WG I-D
- I (once again) solicit volunteers to review it.
  - **It's 12 pages with only a couple of (very important) constraints for multi-domain access!**
  - **Give it an hour of your time!!**

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- I propose we move it to WGLC before IETF 91
- Lets get this NFSv4 WG task resolved.

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Thank you