

NFS Version 4 ACLs

draft-falkner-nfsv4-acls-00.txt

IETF 64

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Motivation

- Many discussions over ambiguities in RFC 3530 regarding ACLs
- Desire to formally document clarifications to benefit interoperability

Internet Draft Contents

- Mode/ACL Interactions
- POSIX Considerations (not POSIX-draft ACLs!)
- Clarify ACL Semantics
 - Access Control Semantics
 - Access Mask Bits
 - DELETE / DELETE_CHILD Behavior
- Inheritance
- EVERYONE@

Remaining Issues

- Need more comments
- ACL Behavior in the event of ID mapping problems
- DELETE_CHILD tied to write permission?
- What is the scope of the I-D?
 - Add a section on Windows versus NFSv4 ACL semantics?
- Named attribute implementations vary

What's Next?

- I-D should be a working group item with goal as an informational (?) RFC
- Review by any interested parties, especially those with existing ACL implementations
- Further define the scope for this I-D