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Operations and attributes related to Virtualization

draft-iyer-nfsv4-space-reservation-
ops-01.txt
IETF-79
2010-11-09

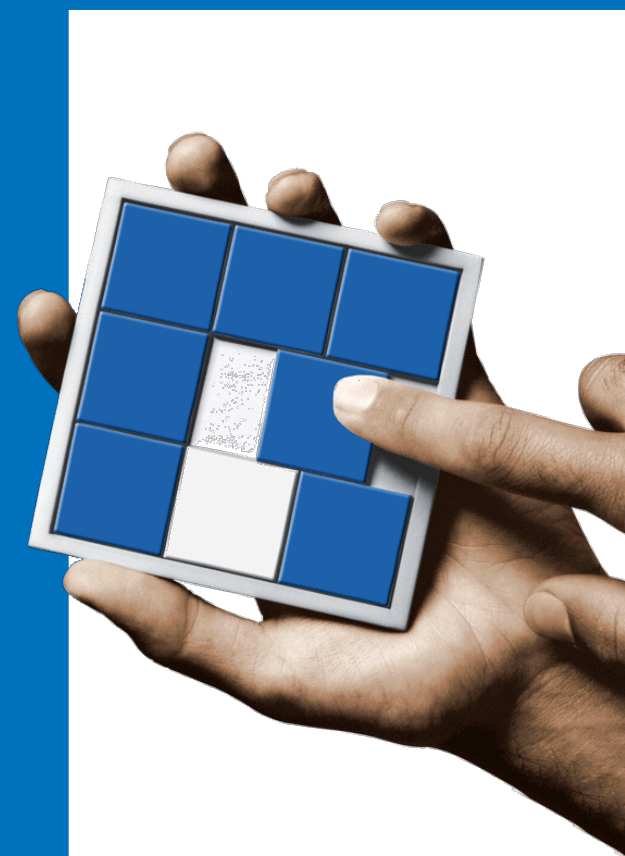
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- Differences from last update
- NFSv4.x or standalone?
- Key points solved
- Issues of contention
- Data that supports proposal
- Overlaps
- Should proposal be combined/not combined?
- Who should review?
- Next steps



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- Differences from last update
 - Purely word smithing
- NFSv4.x or standalone?
 - NFSv4.x
- Key points solved
 - Allows client dictate space reservation (new attribute) without having to write data to force allocation
 - With de-dupe, this is likely in vain
 - space_freed attribute that tells client how space will be reclaimed when file is deleted
 - hole punch operation

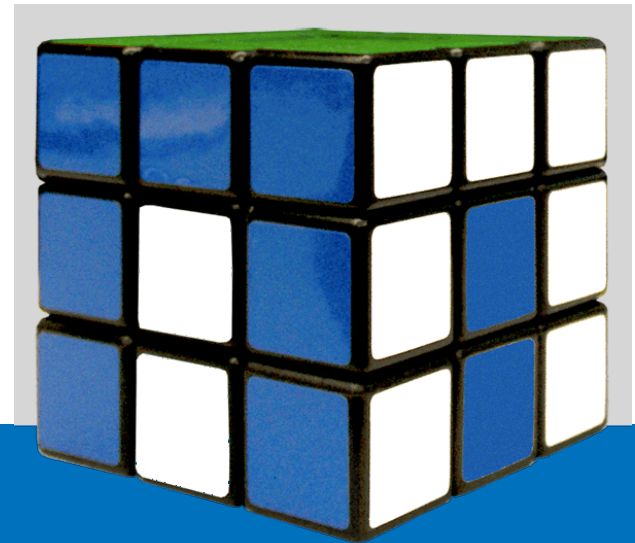


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- Issues of contention
 - space_freed attribute seemed hard to do
 - Internal discussions and prototyping suggests this might not be as hard as thought
 - trades off accuracy for performance
- Data that supports proposal
 - De-duplication is here
- Overlaps
 - Hole punch operation is a subset of the INITIALIZE operation of draft-eisler-nfsv4-enterprise-apps-01
- Should proposal be combined/not combined?
 - Should be part of draft-ietf-nfsv4-minorversion2
- Who should review?
 - WG
- Next steps
 - space_free attribute details in next version (before IETF80)
 - Prototyping of client and server continues

Thanks

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Questions and Answers