

NFS/RDMA Status

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NFS/RDMA Internet-Drafts

- NFS/RDMA Problem Statement
 - draft-ietf-nfsv4-nfs-rdma-problem-statement-02
- RDMA Transport for ONC RPC
 - draft-ietf-nfsv4-rpcrdma-01
- NFS Direct Data Placement
 - draft-ietf-nfsv4-nfsdirect-01
- NFSv4 Session extensions
 - (nfsv4.1)

ToDo

- RPC RDMA
 - Clarifying comments to be edited-in
- NFSv4/Sessions
 - Some inconsistencies recently noted between text and protocol
 - e.g. both sessionid and clientid in SEQUENCE op text, not in .x

Implementations

- Linux
 - NFS/RDMA client working (Sourceforge)
 - NFS/RDMA server under development (CITI)
 - V4/sessions client and server (CITI)
- Solaris
 - NFS/RDMA/IB in Solaris 10
 - V4/sessions prototype
- NetApp
 - NFS/RDMA server prototype
 - V4/sessions prototype

NFS/RDMA Next Steps

- Proposal:
- Problem Statement to Last Call now
- Call for further comments on RPC/RDMA and NFS Direct
- Move both to Last Call after final edits
- Full Linux implementations by end of year
- (Sessions are part of v4.1)