

# Basic idea

- Use DNS SRV RR to map from domain names to file system roots
  - `_nfsv4 IN SRV 0 0 2049 fs3.example.net`
- Populate the second level of a global uniform name space with domain names on demand
- Populate the third level as those mapped-to file system roots
  - `/xxx/example.net/users/....`

# Subtleties

- Convention for root: /nfs4/example.net
- Convention for r/w: /nfs4/.example.net
- No further mount options
- Choice of port in DNS SRV RR
- Done in server or in client—client seems to be preferred but not in principle necessary

# Future path for the draft?

- other questions?