NFSv4 Replication and Migration

- Where are we?

  - Started conference calls, some good ideas - expire only non-open files, per-FS mod time, referral server, fsid meaning

  - Will do more concalls (look for notice on alias)

  - Have draft requirements, which need work (e.g. "transparent"):

    - Must be transparent to applications on client (Exceptions?)

    - Must be as secure as NFSv4

    - Must be efficient - Minimal lock-out time; Reasonable bandwidth requirements; Propagate differences; Restartable

    - Must be scalable to large and small filesystems

Replication/Migration issues

- ## What next?

    - Need to clarify requirements and submit them

    - Need to think about basic protocol:
      - XDR-formatted messages and bulk data over TCP
      - Per-message security payload plus TLS for file data
      - 3rd Party control a la NDMP

    - Need to think about what's needed in base NFSv4 protocol
      - First minor revision?
      - Changes in specifics of filehandle expiration discussed