SAMBA Opening Windows to a Wider World

SMB3 and Linux
Seamless POSIX file serving

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Isn't cloud storage the future ?

Yes, but not usable for many existing apps.

Cloud Storage is a blob store

- Blob stores don't map very well onto the open/read/write/close random access semantics of most applications.
- Apps are changing to cope with no random access semantics of cloud stores, but this will take time.

We still need file access protocols

- Even running in the cloud, pointing existing apps at file servers is useful.
- Only two viable options – NFS (v4) and SMB2+ (known as SMB3 from now on).
- Why SMB3 and not NFSv4 ?
  - It's the clients..
- Both NFS and SMB are supported by the only clients that matter, Windows MacOS X and Linux.
  - But Windows supports SMB3 much better than NFS.