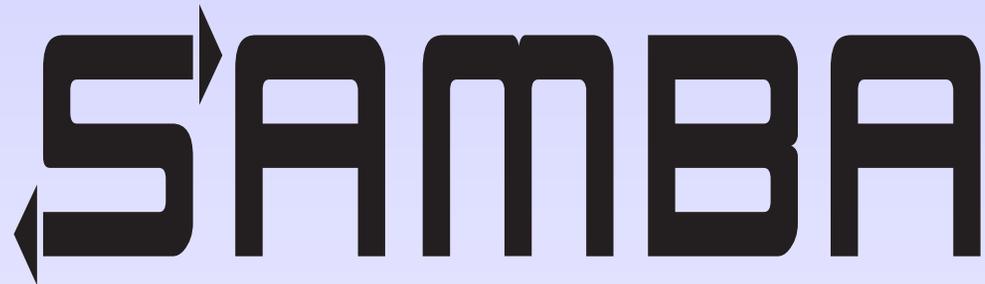


SMB3 and Linux

Seamless POSIX file serving

The logo for Samba, featuring the word "SAMBAA" in a bold, black, sans-serif font. The letter 'S' is stylized with a white arrow pointing to the right from its top and a white arrow pointing to the left from its bottom.

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SAMBA

Opening Windows to a wider world

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.



