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- Provide access to remote files over a network
 Typically aim for location and network transparency
- Designed and optimized for different types of operations
 - E.g., work over LANs, over WANs, support disconnected operations, fault-tolerance, scalability, consistency, etc.

Examples:

- Network File System (NFS) Sun Microsystems
- Server Message Block (SMB) originally IBM, Microsoft
- Andrew File System (AFS) CMU
- Coda CMU











