Security in DFS

- Authentication
  - Verify that a given user is who they claim to be
- Authorization
  - After a user is authenticated, verify that the file they're trying to access is in fact allowed for that user
  - Two popular flavors
  - **Access Control Lists (ACLs)** = per file, list of allowed users and access allowed to each
  - **Capability Lists** = per user, list of files allowed to access and type of access allowed
    - Could split it up into capabilities, each for a different (user,file)