

# Security in data and storage management

## Items resulting from yesterday's meeting

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- Custodial
- Cached
- User
  
- Do they need the same model for:
  - Storage?
  - Data management?
  - Security?



- Auditing of access
- Protection against:
  - Accidental commands
  - Malicious insider, outsider
- Protect not only the data, but also the service
  - Against abuse
- Flexible protection between entities within a VO

- Missing feature: files being owned by the VO or by a service
  - Currently each file is owned by an individual
- Changes in person  $\leftrightarrow$  credential mappings have consequences for data ownership
  - A user may have multiple certificates
- SE configurations should be checked
  - Admins should have clear instructions

- File quotas may conflict with having replicas
  - Better handled by the VO
- There should be quotas on the consumption of various resources
  - Prevent some types of DoS