University Data Storage Strategy Working Group

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DISCLAIMER

The working group charter is still being finalized with with university leadership.

Any statements made in this presentation represent our best understanding of the purpose, structure, and desired outcomes, based on the current draft of the charter.

MISSION

Develop a long-term data storage strategy for the university

- Full lifecycle of the university's administrative, teaching, outreach, and research data
- Strategies for online storage and offline/archival storage
- Consistent with applicable regulations and university policies on data security and retention

GOALS

Clearly defined roles and responsibilities for central IT, distributed IT, and other key stakeholders to ensure that university data is

- Stored using the most appropriate mechanism given the use case
- Protected against corruption or loss
- Managed throughout the appropriate lifecycle of the data
- Retained for a period that is consistent with applicable law and/or policy

DELIVERABLES

- Report describing the university's current data storage needs and capacity and a short-term forecast (2-5 years) of future storage needs.

- A taxonomy of storage use cases capable of addressing needs in all aspects of the university mission
  - To include prescriptive advice on mechanisms for data storage and data loss prevention for each use case

- Recommendations on funding models, particularly for common data storage needs of most/all university units.

MEMBERSHIP

A collaborative effort between distributed IT and central IT

Chairs

- ○ **Zeb Bowden**
  Director Technology Development and Deployment
  Virginia Tech Transportation Institute

- ○ **Carl Harris**
  Chief Technology Architect
  Division of Information Technology

Approximately ten members selected from distributed and central IT

TIMELINE

Dec 2023   Working group charter finalized and submitted for approval

Jan 2024   Membership selections

Feb 2024   Working group deliberations begin

Dec 2024   Final report(s) to executive sponsors