

Tales from the Crypt: How are we meeting the challenges of large scale storage?

Sponsored by the Infrastructure Working Group

Over the last six months the National Digital Stewardship Alliance Infrastructure Working Group has engaged in an investigation of member organizations current approaches to large scale storage. This workshop will serve as an open forum for commentary on some of the early results of this investigation. We are specifically interested in identifying current approaches to dealing with large scale storage at a diverse range of digital stewardship organizations and the values and needs which are driving those approaches.

Workshop Plan

This workshop will begin with a brief overview of the draft document which the infrastructure group has worked up to synthesize responses from eight members representing very different institutions engaged in digital preservation. From there, the workshop will break into groups to focus on a specific part of the document. Each group will comment on and provide feedback about the extent to which the summary of responses from members resonates with their own experience. The result of these discussions will provide targeted feedback which the Infrastructure working group will incorporate into a final draft.

Groups will discuss sections of the document addressing

- *Member Approaches to Disk and Tape*
- *Simple File Systems and the Value of Control*
- *The When and Why of Preservation and System Migration*
- *Approaches to Vendor Solutions*
- *Current and Upcoming critical characteristics of storage systems for digital preservation*

After the Workshop

After the workshop the Infrastructure group will work to fold in the comments, suggestions and experience of workshop participants into a refined version of this document. Ultimately, this document is intended to be shared. We are particularly interested in sharing this document with institutions that are looking to establish their own large scale storage infrastructure for digital stewardship. Further, we imagine that the resulting document will also be of interest to vendors that want to know more about the values that drive the approaches to large scale storage that digital stewardship institutions are taking.