Dark Preservation Networks: Chronopolis and DPN

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Chronopolis
Digital preservation dark storage network spanning multiple institutions and geographic regions.

Partners:

- National Center for Atmospheric Research (NCAR)
- University of Maryland Institute for Advanced Computer Studies
Funded by a series of NDIPP grants designed to develop the technological infrastructure needed for digital preservation.

First ingest date: 2008
Focused on: *active* preservation – constant checking of items.
Trusted Digital Repository Certification

2012
New partners:

[DPN logo]

[DURACLoud logo]
Dark, diverse replication with audit and stewardship succession in place the time of deposit.
DPN Nodes

- Chronopolis
- Texas Digital Library
- Stanford Digital Repository
- AP Trust
- HathiTrust
Chronopolis and DPN

Same:

- dark storage
- 3 copies at geographically different nodes

Different:

- business model
- stewardship succession
- administration
- membership involvement
DuraCloud as a pathway to Chronopolis

- Provides an existing hosted user interface, reduced need for new development
- Simplifies the process of moving content in and out of the systems
- Shared institutional values

Chronopolis as a storage provider for DuraCloud

- Extends the DuraCloud network to include a non-commercial, highly distributed, dark archive option
DuraCloud Vault
Sustainable preservation with Chronopolis and DPN
Questions?