Preservica: Digital Preservation in the cloud
Contents

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SDB in 10 Countries across 4 Continents

UK National Archives
Wellcome Trust
Finnish National Archives
Estonian National Archives
Latvian National Archives
Rotterdam City Archive
Dutch National Archives
Malaysian Archives

UK Parliament
Swiss Federal Archives
Austrian Archives

Science & Technology Facilities Council
FAMILY SEARCH
Tessella
SDB Offering

• Built for “big” institutions

• Existing lists of functionality for a preservation system

• Existing systems:
  • Cataloguing systems, Presentation systems, User Management etc.

• Existing infrastructure:
  • Teams & expertise to manage it

• Project:
  • Some new functions, configuration, system integration etc.
  • Formally run
  • Relatively expensive
But what about “smaller” institutions?

- Know need digital preservation:
  - May not have knowledge to create functional spec.
  - Can’t afford to do it anyway
- Don’t have existing systems
- Don’t have (spare) infrastructure
- Don’t have (spare) IT staff to run things
- Don’t have a large budget!
Our solution

Tessella Safety Deposit Box

Amazon Web Services

Preservica
Preservica: Digital Preservation as a Service
Tenancies & shared service model

• SDB is a multi-tenant system

• Each Tenancy isolates:
  • Visible metadata & content & search index
  • Workflows & all user actions
  • Reports
  • Tenancy Administration: Add workflow, report, schemas, roles etc.

• System Administration exists:
  • Just IT functions: Add new job queue server etc.

• Fits well to shared service model
What do I get?

• All of SDB core functions
• Explorer: Detailed search / browse / view / download
• Standard Tessella-supported workflows:
  • Ingest
  • Storage
  • Data Management (appraisal, disposal, soft & hard delete)
  • Access
  • Active Preservation
• Can perform administration:
  • Configure workflows but can’t add new workflows
What are my limitations?

• Create SIPs:
  • Use SIP Creator:
    - Less options
    - Rely on exports
    - Pseudo-manual
  • Some automated workflows (web harvesting)

• No bespoke workflows
• No storage adaptor options
• No option for commercial preservation tools
• No system integration
• Separate user accounts
Common questions

• How do I leave?
  • Download workflows:
    - Individual objects
    - By collection
    - Whole tenancy

• Why Amazon?
  • Convenience
  • Good track record

• Can I choose another storage provider?
  • Not yet but soon

• Will I get SDB updates?
  • Yes in cost model (if core & don’t require commercial tools)
Conclusions

• Digital preservation at a lower cost point of entry
• Get most of what is in SDB
• Some limitations:
  • Generally less bespoke
  • Will mean higher operational effort
• Exit strategy clear
• Ideal if have operational but not capital budget