WestVault

https://coppul.ca/westvault

COPPUL’s next generation Community LOCKSS Network

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Council of Prairie and Pacific University Libraries

A consortium of 22 university libraries in Western Canada [https://coppul.ca/]
Preservation storage as a service
Service model

- WestVault is content agnostic
- Generally, one user per subscribing institution
- Subscribers upload their files, get them out when they want
- WestVault requires zipped up packages (no loose files)
- WestVault recommends packing content in Bags
Costs to subscribers

- $2000/yr per TB for 5 copies across Western Canada, all hosted on non-commercial infrastructure
- Covers storage, ownCloud/LOCKSS-O-Matic hosting at University of British Columbia, and retainer to Simon Fraser University for support and future development
Supporting documents

- Hosting partner service level agreement
- Depositor agreement
- Succession plan
- Transition plan for existing PLN
- MOU with PKP PN for collaboration
- All available at [https://coppul.ca/westvault](https://coppul.ca/westvault)
Governance

Subcommittee to be established under the COPPUL Digital Stewardship Network
Building capacity

• Developing curriculum based on DPN’s Digital Preservation Workflow Curriculum available at https://dpn.org/members
• Offering the Digital Preservation Management Workshop in Calgary this June https://coppul.ca/dpm-workshop-2018
Depositing content

1. User drag and drops files up to OwnCloud
2. OwnCloud notifies staging server of new files
3. Staging server fetches files from OC
4. Staging server notifies LOM of new files
5. LOM writes out LN config files
6. LN harvests files from staging server
7. LN notifies LOM of agreement
8. LOM notifies staging server LN is in agreement
9. Staging server notifies OwnCloud LN is in agreement and deletes from OwnCloud

WestVault LN
Restoring content

1. User selects files
2. OC notifies staging server of user's selection
3. Staging server fetches files from LN
4. Staging server notifies OC files are ready
5. OC fetches restored files and notifies user
6. User downloads files from OC

OwnCloud

WestVault LN