

Introduction to a Cloud-Based Data Storage Solution for the Research Community

Presented by: Paul Mercier, Information Technology Manager

Target Audience

- Researchers in all faculties, with delegated access to:
 - their graduate students in their Research groups
 - external researchers, collaborators and partners

Current Challenges

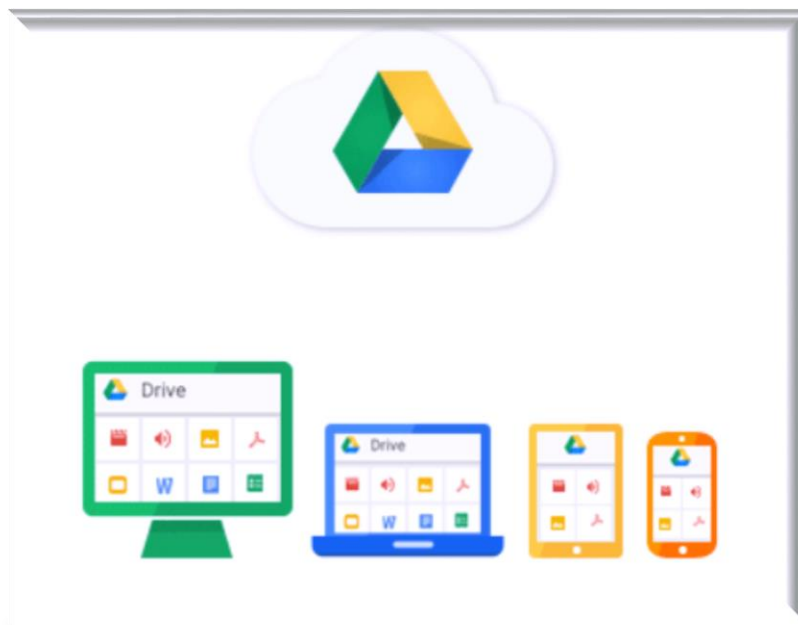
- Not enough storage capacity
- No easy way to get access to storage
- No suitable solution for sharing data

Existing Needs

- Anytime, anywhere, easy access to storage (over the Internet)
- Long-term retention and storage of large files and large volumes of data
- Collaboration and file sharing features:
 - Multiple users, internal and external, working from the same shared storage location without VPN connectivity
- Support for multiple devices (desktop, laptop, tablets, mobile, etc.)
- Access using existing uOttawa credentials
- Alignment with uOttawa Data Security policies

Proposed Solution

- Google Drive File Stream



Benefits of proposed solution

- Access to unlimited storage capacity
- Daily upload limit of 750GB per account
- Access anytime, anywhere from any devices without VPN
- Share large files with colleagues on and off campus
- Management of permissions on own files and folders
- Management of file versions and undeletes
- Synchronization with local devices (mobile and desktop)
- No overhead in terms of local infrastructure
- Cost = Free!

Considerations

- Google Drive data can be stored on servers located outside Canada.
- The solution is not meant to store any confidential or sensitive data.
- There are no changes and no impact to email/calendar accounts on Exchange. You will NOT get a Gmail account.
- This storage solution is not meant to replace any of the tools offered in Virtual Campus (such as Brightspace/D2L, etc.).

Timeline

Task	ETA	Status
Analysis and Selection of tools	February 2018	Complete
Internal IT testing & Documentation	March 9	Complete
Create System Managers Google Drive Accounts	March 9	Complete
Testing and feedback by Faculty Systems Managers	March 20-29	Complete
Pilot phase with Researchers	March 26 – April 13	Complete
Communication	Mid-May	Ongoing
Support Model & Documentation	Mid-May	Ongoing
Target Production Launch	June 1 st	Scheduled

Next steps

- Support Model:
 - Access Management (account creation)
 - Request and incident Management
 - Helpline documentation (6555)
- Communication/Release plan:
 - Webpage & FAQ
 - Email to researchers:
 - What, why?
 - How to get access
 - How to request help
 - Provide feedback

Merci !

Feedback, Questions & Answers