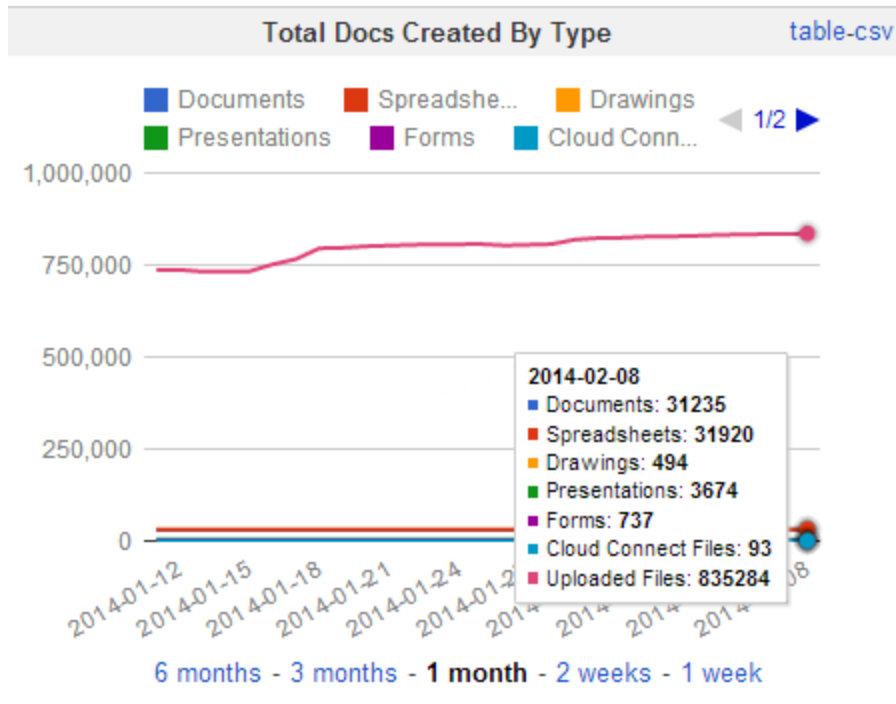


- CrashPlan - personal data cloud backup solution <http://www.crashplan.com>
 - Proof of concept for 25 users for 1 year- no cost to user during POC, unlimited data. IT will cover cost of proof of concept.
 - Ready to begin pilot, need 25 users, how do you want to proceed?

- Data center consolidation
 - Project to consolidate data centers into 2 large active/active shared data centers. Campuses will retain small data centers for services that must be run locally.
 - Columbia Telecom data center
 - Market analysis showed costs too high to lease space, will select a campus data center as secondary for now.
 - Five projects have been identified for FY15 budgeting
 - Data center market analysis - set data center requirements and evaluate opportunities, completed but team will evaluate and make recommendation for selection of second data center within UM.
 - Security - standardize and consolidate security technologies, processes and operations.
 - Unified Networking - determine requirements, technologies, processes and operations of network to support new shared model.
 - Core Infrastructure - determine requirements, technologies, processes and operations of IAAS infrastructure as a service for the new shared model.
 - Core Services Catalog - reduce duplication of effort to gain efficiencies, address project work and reduce costs. Create centers of excellence for IT services.

- File systems
 - Campus provided
 - DFS - fully backed up also supports previous version with user driven recovery. Remote access via SFTP or via VPN for CIFS.
 - user volumes / home directories 25GB, max 50GB
 - departmental volumes 200GB, max 1TB
 - research volumes 500GB, max 1TB
 - ~44TB used in DFS and about ~89 million files
 - Research storage on the cluster
 - 40TB scratch space, purged after 45 days, no backup
 - support dedicated storage procured by researchers

- Cloud based remote access via Google Drive
 - Google Apps for Education
 - Unlimited for Google Docs format files
 - 30GB per user for other files



- Wireless
 - Library will get 11 802.11AC WAPs connected at 1G to a 10G redundant connection back to the core. First 10G redundant connected building.
 - Phase 2 to increase coverage in classroom spaces and cover dead areas has begun with a vendor engagement
 - Replace classroom 802.11n units with 802.11ac (http://www.arubanetworks.com/pdf/technology/EB_IEEE80211ac.pdf 802.11ac provides higher user density, faster throughput Gbit+, greater range). Will require 1Gbit connections to APs so we will need to upgrade some edge and aggregation switches.
 - Had repeated hardware issues with M3000 controllers, Dell upgraded them to new 7220 controllers. Those have now been deployed.
 - Purchased 100 802.11AC units and will begin deployment
 - Network Access Control status. NAC is up and running on ResNet wired network and will be activated on the wireless ResNet network soon. Working with Res Life on deployment.