IT Year in Review: ~2018

* Late Fall 2017: Restarted Server/Storage purchasing process as CCS hosting plan had to be abandoned

* Winter 2018: Performed hardware setup on 4 new server nodes and 1 ZFS storage array

  * 40 virtual cores @ 2.2 Ghz, 128GB RAM & ~1TB local SSD HD per server node

  * 60TB of storage from the array

* Spring 2018:

  * Initial setup of Proxmox KVM/LXC VM hosting environment, replacing native Debian command line tools

  * Purchasing process for updating the THRN 2418 lab, the IGEL Thin Client was chosen

* Summer 2018:

  * Migration of ~60 VM's from old VM environment to Proxmox

  * Installation and of 48 IGEL Clients in THRN 2418

  * Purchasing of 20 new iMacs for THRN 2420 to complete the hardware refresh

  * Creation of new THRN 2420 iMac OS image and Re-imaging of lab

IT Year in Review: ~2018

- Summer 2018: New OpenLDAP/DHCP/DNS server created to replace previous ~2010 vintage server.

- August 2018:

  - Migration from SoCS OpenLdap/Kerberos authentication to central login (no more SoCS accounts!), roughly 4,000 user and service accounts affected

  - Migration to new OpenLDAP/DHCP/DNS server

- September 2018: Back to Reynolds!

- Fall 2018: Refresh of the OwnCloud (Dropbox-a-like) cloud storage service with NextCloud

Coming in 2019

- Self service GIT hosting (Gitlab), in testing now

- Creation of VM infrastructure for Cyber MSc (in collaboration with Ali & CCS)

- Updated Redmine Collaboration Suite VM's

- Automated VM provisioning for student and faculty VM environments (Research, project, etc)

- Digital Signage

- Setup of REYN 0002 & Cyber Security Labs

- Refresh of offsite backup solution

- More..