Management Tools

Tools used by Chemistry IT to help us ensure compliance with security policies at Cornell University.

Active Directory & related information

Information useful for IT and non-IT staff and others.

- Active Directory look-up tool — You can use Quest ARS to look up Active Directory (AD) group membership. https://manage.ad.cornell.edu/ADAdmin https://manage.ad.cornell.edu/ADAdmin
- Edit Active Directory — IT staff, using their DOC accounts, can edit Cornell's Active Directory.
- Find AD's UniqueID, for Linux use — Via web of Quest, can find Active Directory's UniqueID. Or, use a Mac connected to CU AD.

Managed Desktop or Certified Desktop

Configuration Manager for Windows, Casper for Macs, Puppet or Casper for Linux, etc.

- MacOS: Jamf Pro (was Casper) as used in Chemistry — Configuration, setup, and usage of Jamf Pro (was Casper) in Chemistry, in coordination with A&S's controls and guidance
    - Different pieces of JAMF Casper at Cornell — JAMF Casper at Cornell is composed of multiple pieces that do different things
    - Enrolling/adding a machine to Jamf Pro (was Casper) — How to add a machine to Jamf Pro using QuickAdd Package created by Casper (Jamf Pro) Recon tool
- Windows management — Configuration Management (CM) and Ninite are some tools used in Chemistry IT.
    - Configuration Manager (CM) as used in Chemistry/Physics — Motivations for, and barriers to, using Cornell's MS Configuration Manager (CM) more powerful tools and capabilities, such as application updating. Especially within Research.
        - CM Admin Tools - accessing console, groups, CIT docs, etc
        - CM Patching
        - CM question/expectations/understandings — Articulating expectations and understanding to reduce surprises.
        - CM Software Installs/Updates
        - Inactive clients and reconciliations with CM reports — Roger (A&S IT) provides us with CIT's MS CM reports containing a list of inactive clients. This page helps us reconcile such reports.
        - OSD configurations - A&S versus Chemistry/Physics
    - Ninite (NIN-ite), as used in Chemistry IT — Ninite helps us patch 3rd party applications. Complements CM's Windows and MS Office patching.

Printer management

We don't have a good printer management tool, system, or procedure. Might we not benefit from one?