Chemistry file sharing instances, including SFS

A list of CIT SFS (and other file share) instances, along with ChemIT's how-to's and conventions. Also, notes on any pending migrations or changes, including ChemIT test instances.

See also

- File share services and related tools
- Physics file sharing instances
- ChemIT's internal file servers

Connect via \\files.cornell.edu\as\chm\sharename (expanded instructions).

- Billing was on the 21st (keeps changing over the years, so no longer valid?). Knowing the timing can save you a month of billing, depending on the start or stop date.
- Chemistry IT also manages the unique permission on the 15 folders within the Department's "DEPT" file share with per-group permissions. One of these folders is the "Users" folder within per-user permissions.

Chemistry Group's DFS share name (CIFS, unless otherwise noted)	CIT's SFS, unless otherwise noted. SFS sizes are pre-Snapshots (See NOTES)	DFS path	Non-DFS path	Does Chemistry IT add user folders and per-user permissions (non-NFS)?	Billing account	Other notes Actual size available is 20% less due to Snapshots (versioning), unless otherwise noted below. Ex: 150 => 120GB actual. 500 => 400GB actual.
Abruna	150GB	\\files.cornell.edu\AS\CHM\Abruna	\\as-chm-abruna.files.cornell.edu\as-chm-abruna	no	A583152	
ACERT (see Freed, below)						
Ananth						
Ando	150 GB	\\files.cornell.edu\AS\CHM\Ando	\\as-chm-ando.files.cornell.edu\as-chm-ando	no	A583028	Joined department July 2018.
Baird	500GB	\\files.cornell.edu\AS\CHM\Baird	\\as-chm-baird.files.cornell.edu\as-chm-baird	no	A588115	Updated size from 150GB well before Jan. 2017, date on which finally noted here. 5/12/14: 26.6 GB; 475 Files, 64 Folders
(Idea: CABES)	(maybe 150GB)	If created, maybe: \\files.cornell.edu\RS\CABES	If created, maybe: \\rs-cabes.files.cornell.edu\rs-cabes		(an idea)	Create one? (Not, as of Aug 2018.) FYI: EMC2 SFS subsequently deleted, 9/2018
Cerione (NFS)	150GB			(NFS)	4253110	For use by research group's Linux workstations' home directories and file storage.Includes Linux 3D visualization stations.
Chen	150GB	\\files.cornell.edu\AS\CHM\Chen	\\as-chm-chen.files.cornell.edu\as-chm-chen	no	A583118	Created 6/19/17 - not really used for student use just for backup image storage
Coates	150GB	\\files.cornell.edu\AS\CHM\Coates	\\as-chm-coates.files.cornell.edu\as-chm-coates	no	A588639-LAPOI	12/14/16: Changed to a Coates account - For 2.5 years, ChemIT paid to prove concept, initially (started 7/31/14)
Collum	150GB	\\files.cornell.edu\AS\CHM\Collum	\\as-chm-collum.files.cornell.edu\as-chm-collum	no (confirm)	A588628	8/9/2018: Michael Hint created
Crane (CIFS)	500GB	\\files.cornell.edu\AS\CHM\Crane	\\as-chm-crane.files.cornell.edu\as-chm-crane	no	A588405	5/30/18: Upgraded from 150GB to 500GB due to running out of space - meh26 - see INC000002253248 for request to CIT SFS

Crane (NFS)	Chemistry IT: Large (capable of many TB's)			(NFS)	N/A	For use by research group's Linux workstations' home directories and file storage. .Includes Linux 3D visualization stations. Also, used by a few researchers in the group using their Linux-based research cluster, for select data storage. Managed by Chemistry IT. Uses Synology box connected via iSCSI to a "dumb" Linux NFS server also managed by Chemistry IT so it would work correctly with CU Active Directory and associated NetIDs and home directories.
Davis						
DiSalvo						
Ealick						
Ezra						
Fors	150GB	\\files. cornell. edu\AS\C HM\Fors	\\as-chm-fors. files.cornell. edu\as-chm-fors	**YES** (mixed!)	A583016	Arrived July 1, 2014.
Freed	150GB	\\files. cornell. edu\AS\C HM\Freed	\\as-chm-freed.files. cornell.edu\as-chm-freed	no	A583191	For all Freed, other than Peter Borbat's research-specific needs.
Freed: ACERT (PDS)	500GB	\\files. cornell. edu\AS\C HM\ACER T\PDS	(What would this one be?)	no	A588633	For Peter Borbat's research-specific needs, within Freed's group. Sub-directory listed as \pds. NOTE: Snapshots turned OFF, so has full amount since 20% NOT reserved for any auto-versioning.
Hines						
Hoffmann						
Lambert	150GB	\\files. cornell. edu\AS\C HM\Lambe rt	\\as-chm-lambert.files. cornell.edu\as-chm-lambert	no	A583024	Created when Tristan Lambert joined department, January 2018. Added here July 16, 2018.
Lancaster						
Lewis						
Lin	500GB	\\files. cornell. edu\AS\C HM\Lin	\\as-chm-lin. files.cornell. edu\as-chm-lin	no	A583174	
Loring (NFS)	150GB			(NFS)	A583146	Inventoried here 6/6/2017.
Marohn	150GB	\\files. cornell. edu\AS\C HM\Marohn	\\as-chm-marohn.files. cornell.edu\as-chm-marohn	no	A583155	Added 10/17/2014
Milner	150 GB	\\files. cornell. edu\AS\C HM\Milner	\\as-chm-milner.files. cornell.edu\as-chm-milner	no	A583020	Created when Phillip Milner joined department, July 2018.
NMR	500GB	\\files. cornell. edu\AS\C HM\NMR	\\as-chm-nmr. files.cornell. edu\as-chm-nmr	**YES:** Per group (not per user)	A583120	See: - Accessing file shares for NMR and X-ray facilities Increased from 150GB on 1/11/17.
Petersen	1 TB	\\files. cornell. edu\AS\C HM\Peters en	\\as-chm-petersen.files. cornell.edu\as-chm-petersen	no	A588510	Updated size from 500GB well before July 16. 2018, date on which finally noted here. Updated size from 150GB well before Jan. 2017, date on which finally noted here. 37GB used as of 8/11/14
Scheraga (NFS)	Chemistry IT: Large (capable of many TB's)			(NFS)	N/A	Used by researchers in the group using their Linux-based research cluster, for home directories and select data storage. Managed by Chemistry IT. Uses Synology box connected via iSCSI to cluster's head node server also managed by Chemistry IT.

Song Lin	150GB	\\files. cornell. edu\AS\C HM\SLin	\\as-chm-slin. files.cornell. edu\as-chm-slin	**YES**	A583019	6/22/17. In Users, only Song Lin's folder is protected from others. All other's personal folders inherit folder's permissions so are accessible to each other (and thus don't run into permissions issues if passing documents around). Added 6/21/2016
Wilson	150GB	\\files. cornell. edu\AS\C HM\Wilson	\\as-chm-wilson.files. cornell.edu\as-chm-wilson	**YES** (except \<nat53\>?)	A583018	Jan. 2017, date on which finally noted here.
Wolczanski						
Xray	150GB	\\files. cornell. edu\AS\C HM\xray	\\as-chm-xray. files.cornell. edu\as-chm-xray	**YES:** Per group (not per user)	A583125	See: • Accessing file shares for NMR and X-ray facilities Jan. 2017, date on which finally noted here.

Since deleted SFS shares

For historical purposes.

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EMC2	150GB	\\files. cornell. edu\RS\E MC2	\\rs-emc2. files.cornell. edu\rs-emc2	Mixed	A583143	8/2018: Deleted. Replaced with share for CABES. July 2017: Changed billing in July 2017 due to EMC2 shutdown in RS - maybe move in SFS from RS area to AS-CHM area

ChemIT's: Production and testing

• To do: Populate/ cross reference the below table's info with ChemIT's internal file servers documentation.

ChemIT's SFS share name	Size	Notes

Keywords: fileshares