

Wright Lab Computing Update

Contact info

Email: seraphim.mcgann@yale.edu

Room: WL 239

Phone: 203.285.9097

Slack – #computing

FAS IT and AV support



IT Support:

Connect with the Help Desk
helpme.yale.edu | 203.432.9000

Connect with a DSP
fas.technology@yale.edu



Classroom AV Support:

For immediate support
203.432.2650

For standard requests
classroom.support@yale.edu

Documentation and Mailing Lists

- WL Wiki - <https://sites.google.com/yale.edu/wlab-wiki/home>
- YCRC cluster documentation - <https://docs.ycrc.yale.edu>
- Main Mailing lists
 - Wlab-all - <https://mailman.yale.edu/mailman/listinfo/wlab-all>
 - Wright Lab Events – <https://subscribe.yale.edu/>

AV Spaces

- WL 216
- WLC 245
- WL 218
- WL EL2
- WL EL18
- WL E101
- WL E102
- WL E106
- WL E208
- WL E209
- WL E227

Printer locations

- WL 220
- WL 218
- WL E201
- WL E210
- WL EL1
- WL E112

CAD Room – WL 218

- Three CAD workstations with SolidWorks and Inventor
- New location of the poster printer

YCRC – HPC

- Account request form here - <https://docs.ycrc.yale.edu/clusters-at-yale/>
- Bouchet – 16,000 cores, about 270 GPUs
 - Home – 125 GiB (Backed up)
 - Project – 4 TiB (Not backed up)
- Training and support

Storage highlights

- YCRC – ARK – \$2/TiB/mo – New!
- SharePoint – 25TB per site, still free!
- Drop Box - \$26/yr unlimited
- On-prem servers – about 250TiB available
- Storage at Yale ([S@Y](#))
- Globus

Storage Finder

AWS EBS Persistent block level storage that can be attached to AWS EC2 servers	AWS EFS Scalable, elastic, cloud-native NFS file system	AWS S3 Glacier Deep Archive Long-term cloud storage for very infrequently accessed data	AWS S3 Glacier Instant Retrieval Long-term cloud storage for very infrequently accessed data	AWS S3 Intelligent Tiering General cloud-based storage with tiering options for less used data
AWS S3 Standard Object storage built to store and retrieve any amount of data from anywhere	AWS S3-Infrequently Accessed General cloud-based storage for less frequently accessed data	Azure Blob Storage Massively scalable object storage for unstructured data	Azure Files Cloud-based SMB file sharing	DropBox Cloud-based file sharing for individually owned data.
Dryad Open access, research data curation, and publication platform.	Globus Transfer Service Use Globus to transfer data between storage resources.	Google Drive Google Drive is a cloud service for file storage, document editing and sharing	HPC Storage Storage for use on High Performance Computing Clusters	LabArchives Cloud-based electronic notebook
Microsoft 365 storage options OneDrive, Teams and SharePoint Online	NAS Non-production High performance NFS, SMB or iSCSI applications for ITS managed servers	NAS Production High performance NFS, SMB or iSCSI applications for ITS managed servers	Premier Active File sharing and collaboration for daily use	Premier Application Small application or Access database storage.
Premier Archive Low-cost option for archiving infrequently accessed data	Premier Backup Offsite backup target for client machines and data	Premier Scratch File sharing and collaboration	Premier Workspace File sharing and collaboration	Private Storage Managed storage locally in your lab or department.
Storage @ Yale Data Management Policy Data management option for Storage @ Yale Premier shares	Wasabi Account Cloud-based object storage for file sharing and storage			

<https://storage-finder.yale.edu/>

Important!

- Grace cluster decommissioning
 - Data has not been erased yet. If you have any concerns that data has not been migrated please let me know.

Web services

- Indico - <https://indico.wlab.yale.edu>
- DocDB - <https://docdb.wlab.yale.edu/>
- Moin - <https://wiki.wlab.yale.edu/>
- Elog - <https://elog.physics.yale.edu/>
- Elog-Prospect - <https://elog-prospect.physics.yale.edu/>

Local servers

- rubin2.stdusr.yale.internal - 96 cores - 512G RAM – New!
- noether.wlab.yale.edu - 64 cores - 1T RAM
- meitner.wlab.yale.edu - 64 cores - 201G RAM
- rubin.physics.yale.edu - 48 cores - 125G RAM

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Questions?