

Storage Solutions for Researchers - An Overview

Features and Uses	Apricorn Drives	CIRC Data Storage	Cloud Services (Azure)	Cloud Services (AWS)	URRR – University of Rochester Research Repository (FigShare)
Access	USB	CIRC Computing Account	Cloud Based Storage	Cloud Based Storage	Website, Active Directory Sign-on
Cost	Range from \$60-\$250 (UR Tech Store)	Contact CIRC or Office of Research IT* for cost	Work with CIRC or Research IT to obtain pricing for your needs	Work with CIRC or Research IT to obtain pricing for your needs	First 10 GB: free. Contact libraries on cost for more storage: <ul style="list-style-type: none"> https://www.library.rochester.edu/services/data-management-and-sharing https://www.urmc.rochester.edu/libraries/miner/get-help/data-management-and-sharing.aspx
Data Loss Prevention	No	/home is backed up by commvault & /archive is backed up	Data Redundancy	Data Redundancy	AWS backup, daily metadata backups and weekly snapshots, file recovery up to 30 days
Intended for Low/Moderate-Risk Data	Yes	Yes	Yes	Yes	Yes
Intended for High-Risk Data	Yes	Yes, BHWard is used for high-risk data	Yes	No	No Data must be de-identified before sharing
Special features / Limitations					File sharing, not intended for file storage alone

* Office of Research IT (SMDIT): (585) 274-4444, SMDIThelp@urmc.rochester.edu

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Features and Uses	LabArchives (Electronic Lab Notebook)	Microsoft OneDrive	URMC Shared File Services (NTSDRIVE)	SMDNAS Data Storage	UR Box
Access	Website, Active Directory Sign-on	Web-based portal, desktop sync, and mobile	Desktop, Mountable	Desktop, Mountable	Web-based portal, desktop sync, and mobile
Cost	Free	50 GB Free	Contact Office of Research IT* for cost	Contact Office Research IT* for cost	Free
Data Loss Prevention	Automatic backups with version control	File recovery from Trash up to 30 days		Weekly File recovery from Trash up to 180 days	File recovery from Trash up to 30 days
Intended for Low/Moderate-Risk Data	Yes	Yes	Yes	Yes	Yes
Intended for High-Risk Data	No	Yes	Yes	Yes	Yes
Special features / Limitations			Limited to 30GB directory size	Managed Read-only or read-write access groups	File size limit 50 GB

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