

RESEARCH DATA DEPOT

The Data Depot offers research groups in need of centralized data storage unique features and benefits.

High-performance
computing at the
highest proven value

The Data Depot uses the world-class IBM Scale storage solution with over 10PB of initial capacity. This storage is redundant and reliable, features regular snapshots, and is globally available on all RCAC systems. The Data Depot is non-purged space suitable for tasks such as sharing data, editing files, developing and building software, and many other uses.

FEATURES



Available to any Purdue research group as a purchase in increments of 1 TB at a competitive annual price or you may request a 100 GB trial space free of charge. Participation in the Community Cluster program is not required.



Accessible as a Windows or Mac OS X network drive on personal and lab computers on campus, directly on Community Cluster nodes or from other universities or labs through Globus.



The Data Depot facilitates joint work on shared files across your research group, avoiding the need for numerous copies of datasets across individuals' home or scratch directories. It is an ideal place to store group applications, tools, scripts, and documents.



Access management is under your direct control. Unix groups can be created for your group and staff can assist you in setting appropriate permissions to allow exactly the access you want and prevent any you do not.



All data kept in the Data Depot remains owned by the research group's lead faculty. Files kept in Data Depot remain with the research group, unaffected by turnover, and could head off potentially difficult disputes.



The Data Depot is redundant and protected against hardware failures and accidental deletion. Data is securely replicated to an off-site data center to protect against disasters. The Data Depot is never subject to purging.