Introduction
ODU provides storage for researcher use using the mass storage array. The mass storage data resides on an Isilon storage system comprised of 11 storage nodes connected with an infiniband backend. This system provides over 500 Tb of available storage for researchers use with up to 40 Gb of network bandwidth for transferring data to the clusters.

Access from the clusters
Users can access research storage from each of the three compute clusters, Zorka, Nikola and Turing. The user research storage directories are mounted to /RC/home and the group shared directories are mounted to /RC/group. Each user has an individual directory on the storage system. Initially space is limited to 500 Gb per user. If additional space is required please contact itshelp@odu.edu.

Access from an on campus workstation or the campus VPN
Access to the research storage is also available to users workstations.

If using an ITS managed workstation on the ts.odu.edu domain the research storage system is mapped to the R: and drive. On the R: drive users will see their individual user directories under the r:\home subdirectory. The group subdirectories can be accessed from R:\group\. Shared directories can be requested through itshelp@odu.edu.

If not using an ITS managed workstation or while on the campus VPN the storage can be accessed by mapping a drive to \research1.ts.odu.edu\RC.

To complete this on a windows workstation follow these steps:
1. open file explorer
2. right click on computer and click “map network drive”
3. select an unused drive letter from the “drive” pull down box
4. in the map network drive window type “\research1.ts.odu.edu\RC” in the folder dialogue box
5. check the box next to “connect using alternate credentials”
6. click finish
7. a second dialogue box will pop up. Enter “odunet\<username>” (the username will be your midas username) in the user box and your midas password.
8. After clicking OK the selected drive will be mapped to the research storage system.

If you encounter any issues accessing storage please contact the ITS help desk at itshelp@odu.edu.