

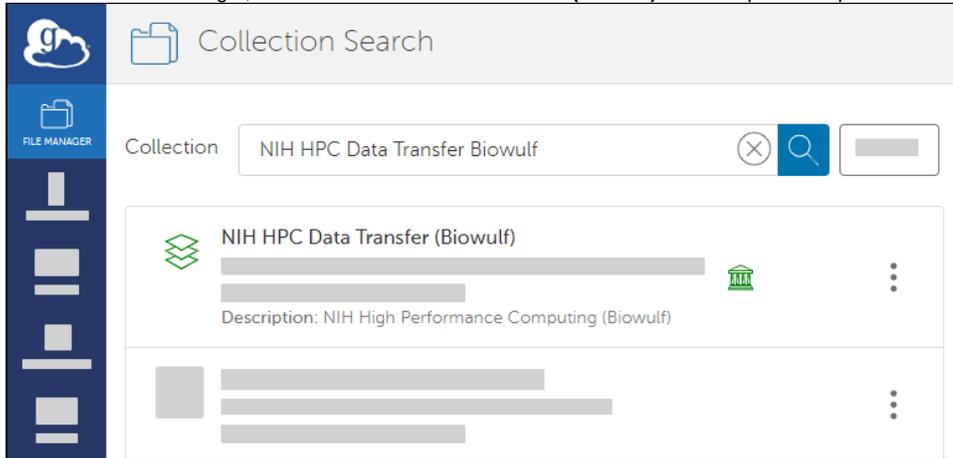
Preparing to Use Globus

If you need to move a large volume of data, you can do so using a Globus endpoint. The system uses Globus for high performance transfer of large files. Endpoints represent locations on a file transfer service server, such as gridftp. A prerequisite is a guest collection.

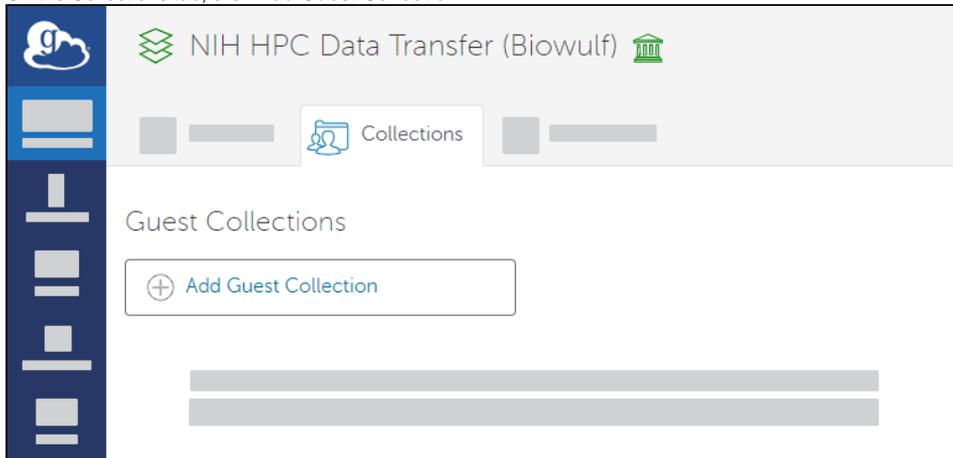
To prepare a Globus endpoint:

1. Log into Globus at the following site:
<http://www.globus.org> 
Use your user account credentials as described in the following page:
<https://docs.globus.org/how-to/get-started/> 
2. If you do not already have a guest collection in Globus, create one:

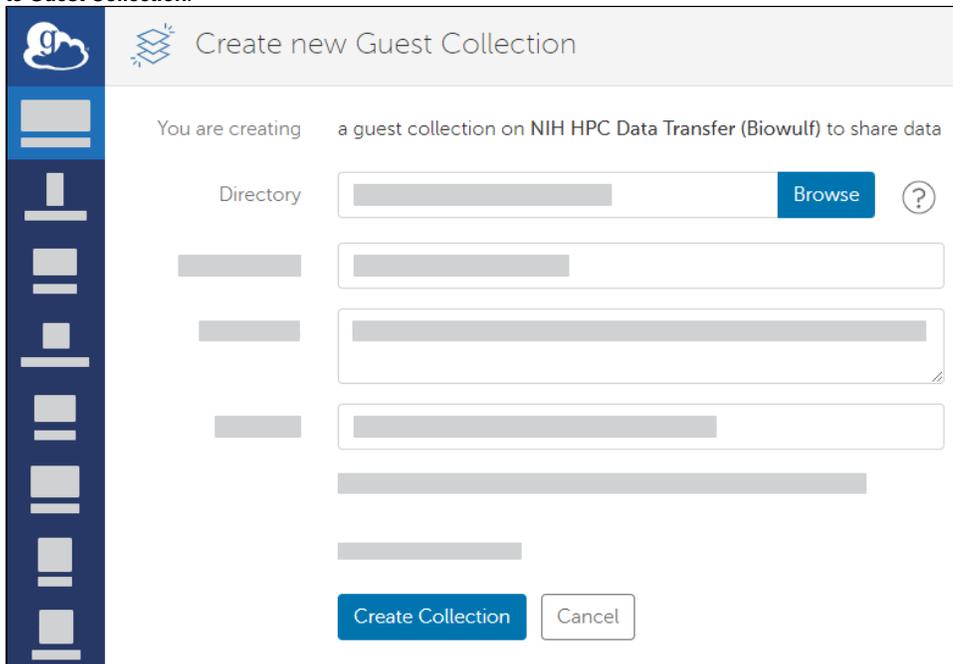
a. In the Globus File Manager, search for **NIH HPC Data Transfer (Biowulf)**. This is a public endpoint.



b. In the search results, in the row for NIH HPC Data Transfer (Biowulf), click the collection details icon (⋮). The details page appears. On the Collections tab, click **Add Guest Collection**.

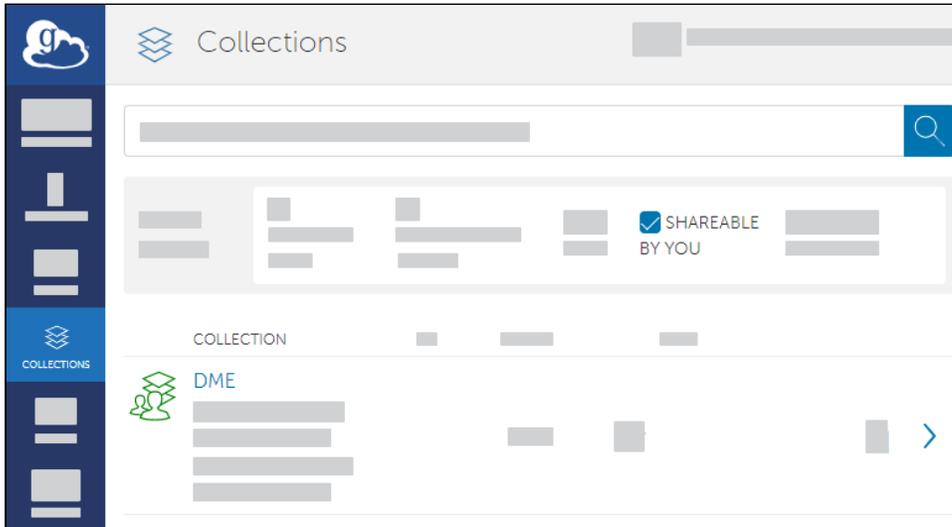


c. On the Create new Guest Collection page, browse to or specify the path to the directory where you want to save your data. Click **Create Guest Collection**.

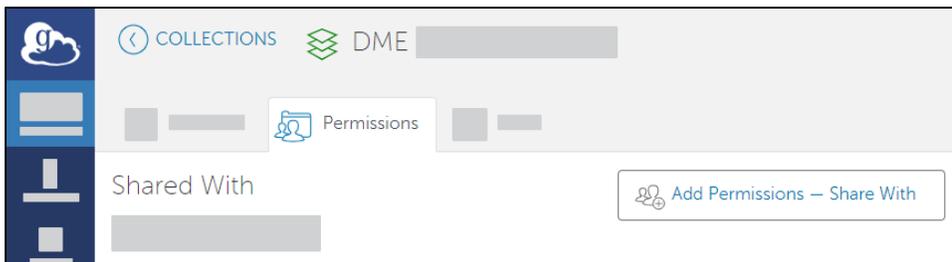


3. Share your Globus endpoint:

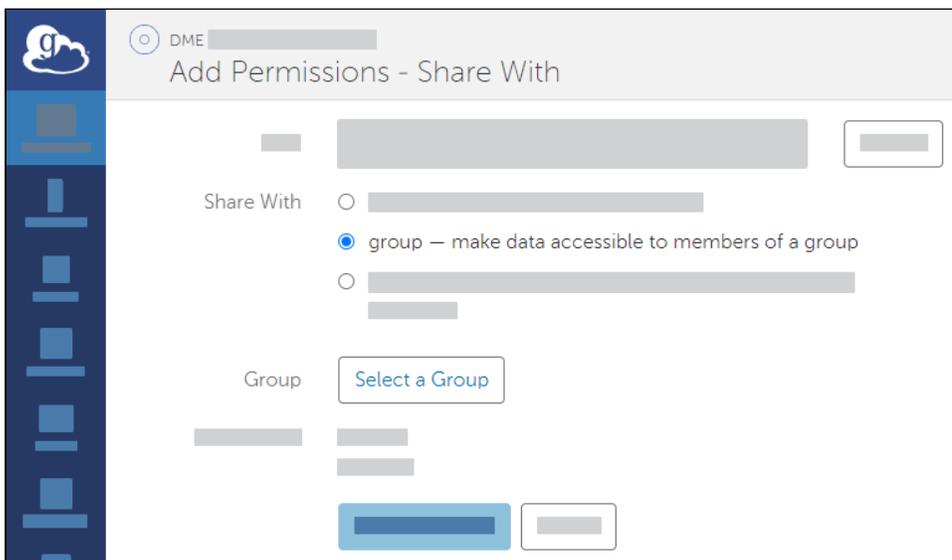
- a. In the Globus File Manager, navigate to the list of collections by opening the side bar, clicking **Collections**, and then clicking **Shareable by You**.



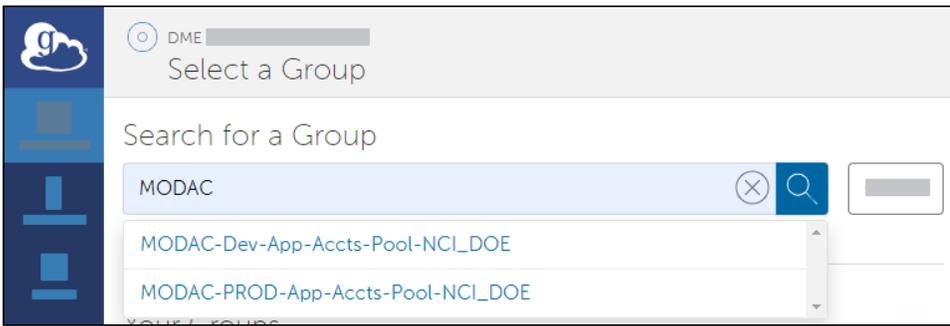
- b. Select your guest collection. Access the sharing configuration for that collection by clicking **Permissions**.



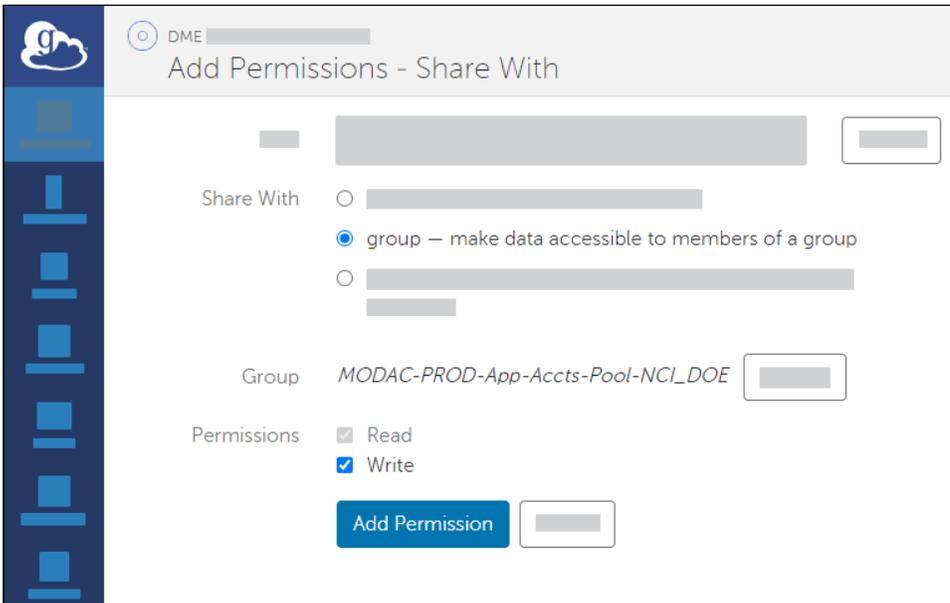
- c. Add permissions by clicking **Add Permissions - Share With**. In the **Share With** field, select the option to share with a group. Click **Select a Group**.



- d. Search all groups for "MODAC" and select MODAC-PROD-App-Accts-Pool-NCI_DOE.



- e. Select the appropriate permission for the selected group: If you intend to download data to the Globus endpoint, select the **write** permission.



- f. Click **Add Permission**. The system adds the MODAC-PROD-App-Accts-Pool-NCI_DOE Globus group to the list for the current share.

Now you can upload or download data as described in the following pages:

- [Downloading to a Globus Endpoint](#)
- [Uploading from a Globus Endpoint into One Asset](#)
- [Uploading Multiple Assets from a Globus Endpoint](#)