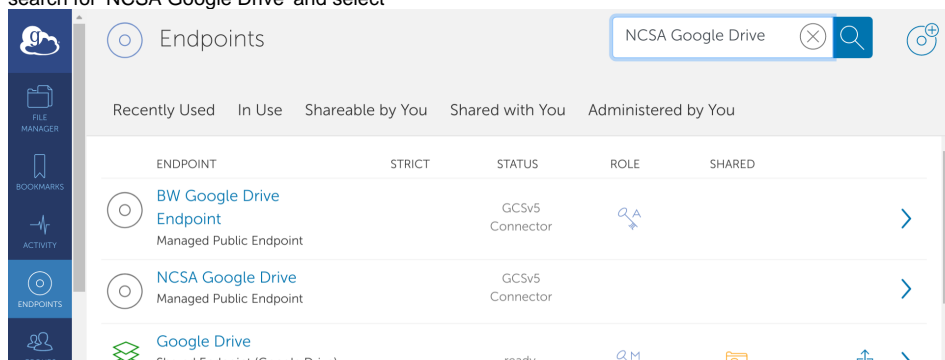


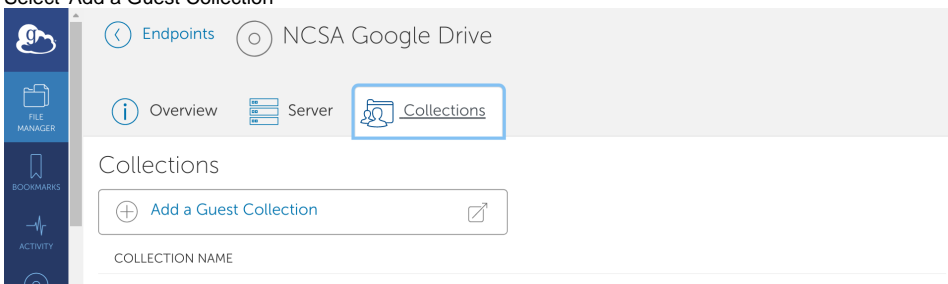
# Create Google Drive Collection on NCSA Google Drive endpoint/gateway

NOTE: A Globus "Collection" in the new Globus Connect Server v5 (GCSv5) is what has previously been referred to as an "endpoint". The Display Name created in step 11 will be used to access this collection through the Globus webui or cli.

1. Logon to <https://globus.org>
2. Select 'Endpoints' from the left navigation bar
  - a. search for 'NCSA Google Drive' and select



3. Navigate to the 'Collections' tab from the NCSA Google Drive endpoint page
4. Select 'Add a Guest Collection'



5. Logon using your ncsa.illinois.edu identity.



## Log in to use Collections App

Use your existing organizational login


e.g., university, national lab, facility, project

National Center for Supercomputing Applications

Didn't find your organization? Then use [Globus ID](#) to sign in. ([What's this?](#))

Continue

6. Select "Allow" to grant the Globus Collection App the permissions it needs to manage your collections.

 Account ▾

Collections App would like to:

- ✓ Manage collections on Globus Connect Server NCSA Google Drive ⓘ

To work, the above will need to:

- ✓ Manage data using Globus Transfer ⓘ
- ✓ View the identities in your Globus account ⓘ
- ✓ Manage your Globus Groups ⓘ

By clicking "Allow", you allow **Collections App**, in accordance with its [terms of service](#) and [privacy policy](#), to use the above listed information and services. You can rescind this and other [consents](#) at any time.

7. Register a Google Account to associate with your "@ncsa.illinois.edu" Globus identity. Select Continue

---

## Create a Guest Collection

### Register an Account with this Globus Connect Server

Registering an account on this Globus Connect Server, 744d99.7eb0.dn.glob.us, will provide the necessary authorization for this Globus Connect Server to access your Google Drive storage gateway. This access will be limited to you unless you decide to share your connected Google Drive storage gateway with others by adding Globus sharing permissions to your collection.

Google Account

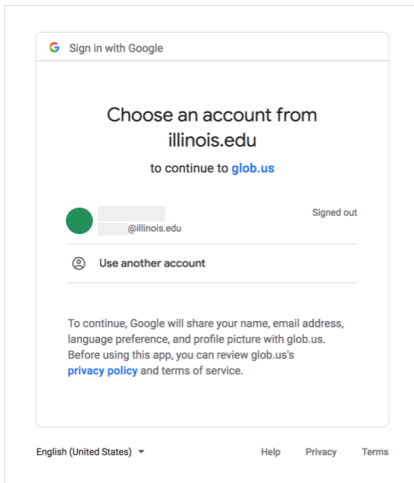
This server only allows a connection to be made using a Google account in the domain(s) in the dropdown above.

Which Globus identity do you want to register this account with on this Globus Connect Server? In the future, you will only be able to use, update, or delete this account registration if you are logged into a Globus account with this identity linked to it.

Globus Identity

[or link another Globus identity](#)

8. Choose a Google account from "chosen domain" (most likely @illinois.edu).



9. The next step will bring up a page that says "This app isn't verified!". We are currently working with Google and Globus to get this cleaned up. Select "Advanced" and then "Go to glob.us (unsafe)".



## This app isn't verified

This app hasn't been verified by Google yet. Only proceed if you know and trust the developer.

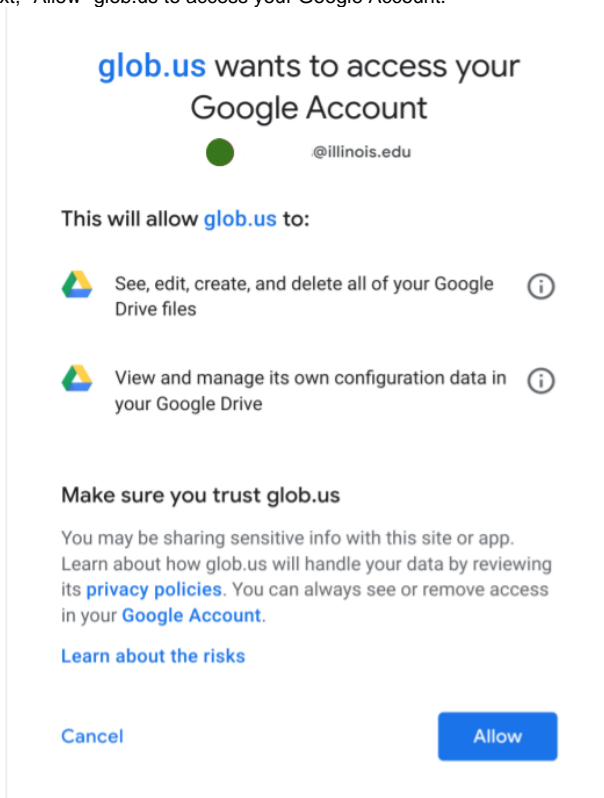
[Hide Advanced](#)

[BACK TO SAFETY](#)

Google hasn't reviewed this app yet and can't confirm it's authentic. Unverified apps may pose a threat to your personal data. [Learn more](#)

[Go to glob.us \(unsafe\)](#)

10. Next, "Allow" glob.us to access your Google Account.



11. Create your Google Drive gateway

The screenshot shows the "Create a Guest Collection" form. The title is "Create a Guest Collection" and the main question is "What do you want to make accessible as a Globus collection?". A note states: "Only you will have access to the data, unless you decide to share your data on the Google Drive storage gateway with others, by adding Globus sharing permissions to your collection." The form includes the following fields:

- Storage Gateway:** NCSA Google Drive Gateway (Google Drive)
- Credentials:** @illinois.edu (with Globus identity @ncsa.illinois.edu) with a link to "manage these credentials or register a different one".
- Base Directory:** /My Drive/Project ABC/ with a note: "If this field is left empty it will default to /, which contains My Drive, Starred, Shared With Me, and Trash".
- Globus collection information:**
  - Collection Display Name:** My 2017 Research Data
  - Description:** Shared data Project ABC
  - Keywords:** genomics, Higgs boson, climate change
  - [view more options to make it easier to find your collection](#)
- Default Directory:** /Project ABC/ with a note: "This is relative to the Base Directory you set above. If this field is left empty it will default to / (i.e. the Base Directory) (i.e. /My Drive/)"

- Choose Google Drive credentials to use (in most cases these will be illinois.edu Google Drive credentials).
- Set the 'Base Directory'. Either leave it blank for the entire Google Drive or target a specific directory.
- Set the 'Collection Display Name' so it is easy to identify.
- Select "Create Collection"

12. Collection creation is complete. Start using this collection.

globus

## Create a Guest Collection

✓ Globus collection "Google Drive Test" was successfully created

- ⌵ [Share data on this new collection with others](#)
- ⌵ [Transfer data to or from this new collection](#)
- ⌵ [Create another collection from NCSA Google Drive Gateway](#)