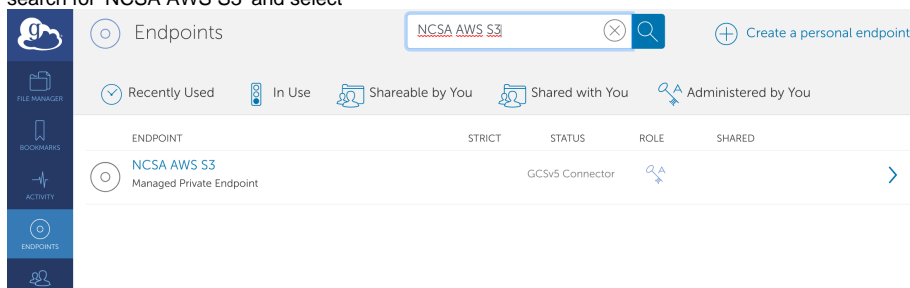


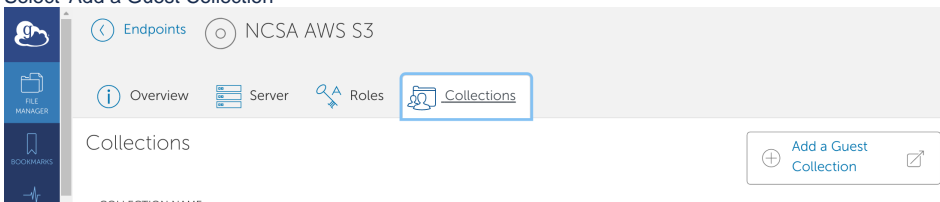
Create AWS S3 Collection on NCSA AWS S3 endpoint /gateway

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 7 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 AWS S3' 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 nca.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. Create AWS S3 Gateway

Create a Guest Collection

Register an Account with this Globus Connect Server

Registering an account on this Globus Connect Server, 9eac41.854f.dn.glob.us, will provide the necessary authorization for this Globus Connect Server to access your S3 storage gateway. This access will be limited to you unless you decide to share your connected S3 storage gateway with others by adding Globus sharing permissions to your collection.

Access Key ID Secret Key

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](#)

[Continue](#)

- a. Enter the appropriate AWS S3 Access Key ID and Secret Key
 - b. The Globus Identity should stay as an '@ncsa.illinois.edu' identity.
7. Fill in collection details

Create a Guest Collection

What do you want to make accessible as a Globus collection?

Only you will have access to the data, unless you decide to share your data on the S3 storage gateway with others, by adding Globus sharing permissions to your collection.



Storage Gateway

Credentials
 [manage these credentials](#) or [register a different one](#)

Base Directory

If this field is left empty it will default to /, which provides access to all buckets accessible via the credentials you have specified. You can use a base directory like /example-bucket/ to specify access to a specific bucket, or one like /example-bucket/example/key/prefix/ to specify access to a specific key prefix within a specific bucket.

Globus collection information:

- a. Choose the S3 credentials added in the previous step
 - b. Set a base directory (bucket to tie this collection to) or if left empty it will encompass all buckets accessible via these credentials
 - c. Fill in the additional information: Collection Display Name, Description, Keywords, Default Directory(only if not covered by the "Base Directory" setting).
 - d. Create the collection.
8. Collection creation is complete.



Create a Guest Collection

✓ Globus collection "S3 Test Collection" was successfully created

- [Share data on this new collection with others](#)
- [Transfer data to or from this new collection](#)
- [Create another collection from NCSA AWS S3 Gateway](#)