

Globus Data Transfer Software Quick Start Guide

Carl Negro

NRAMM – SEMC – NYSBC

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Register

1) Navigate to <https://www.globusid.org/create>

2) Register for a Globus ID account

- The username is not important
- Email does not have to be institutional, just valid
- Make sure to check the “non-profit” option!

This account will be used for non-profit research or educational purposes

globus **ID** Not Logged-In
Home

Create a Globus ID [Already have a Globus ID? Log In](#)

The client **Globus Auth** is requesting access to your **globusid.org** account for accessing a third-party website or application located at **auth.globus.org**. If you approve, please create a Globus ID account to continue.

Username @globusid.org
Your username will be checked for availability. Usernames may contain both letters and numbers, but must begin with a letter and be between 3 and 31 characters long. NOTE: this is an ID you are creating — not a working e-mail address.

Password
Better passwords are longer, use mixed-case letters with punctuation and numbers. Your password must be strong to be accepted.
 show password

Full Name first and last name

E-mail user@example.edu

This account will be used for non-profit research or educational purposes
 commercial purposes

Organization

I have read and agree to the Globus [Terms of Service](#) and [Privacy Policy](#)

Verify

3) Check your email address for the verification email.

- If no email:

a) check spam filters

b) make sure email address is correct

4) Click “Verify Your Email-Address” on the GlobusID website

5) Copy/paste the verification code and click “Verify”



globus ID Laura Kim (lkim@globusid.org) Home | Log Out

Verify E-mail Address

Thank you!

The e-mail address associated with your Globus ID account has been successfully verified.

[Proceed to home page.](#)

Globus - Globus ID Verification

support@globus.org Today, 3:45 PM
Laura Kim

To verify your email address and complete your Globus ID activation, copy the verification code below to the Globus ID verification page.

Verification Code: **206e5843-bb72-440a-a7b7-36918138f34d**

Thank you for using Globus ID.

The Globus Team

If this wasn't you, please let us know: support@globus.org

Getting too much email from support@globus.org? [You can unsubscribe](#)

Laura Kim (lkim@globusid.org) [Verify Your E-mail Address](#) [Log Out](#)

globus ID

- change your password
- update your profile
- manage SSH and X.509 keys

globus ID Laura Kim (lkim@globusid.org) Verify Your E-mail Address Home | Log Out

Verify E-mail Address

An email was sent to **lkim@nysbc.org**.

Please check your e-mail and click on the verification link in that e-mail or enter the verification code that appears in that e-mail into the text box below.

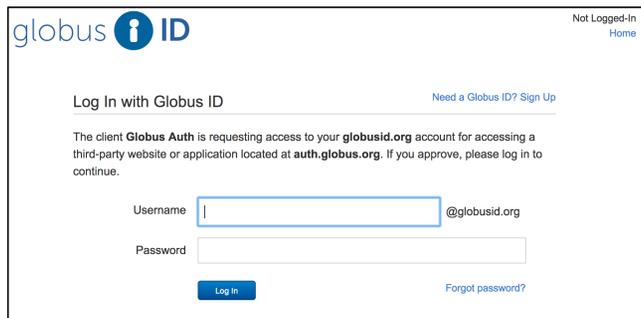
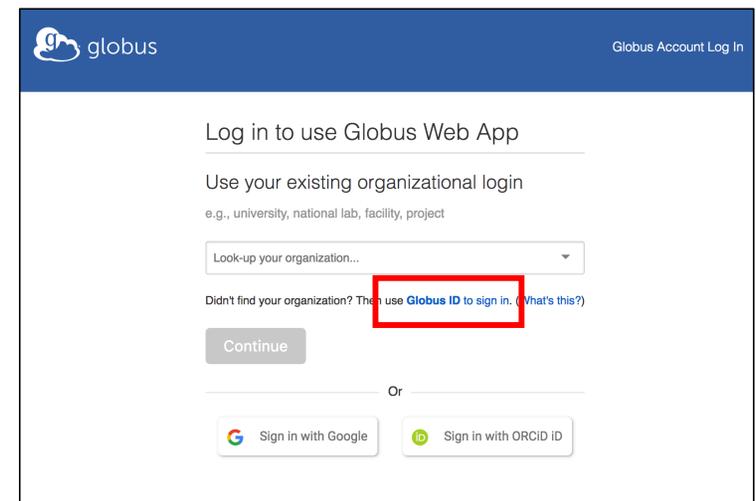
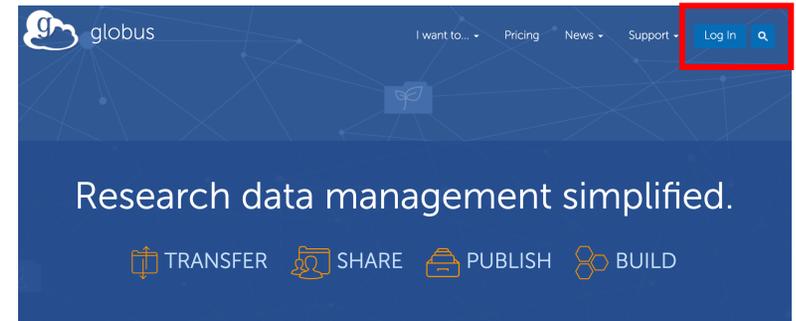
Verification Code:

This is a text string like the following:
12345678-9fab-cdef-1234-56789abcdef

Can't find the verification e-mail? Check your spam folder or search for an e-mail from support@globus.org. You may also [re-send the verification e-mail](#).

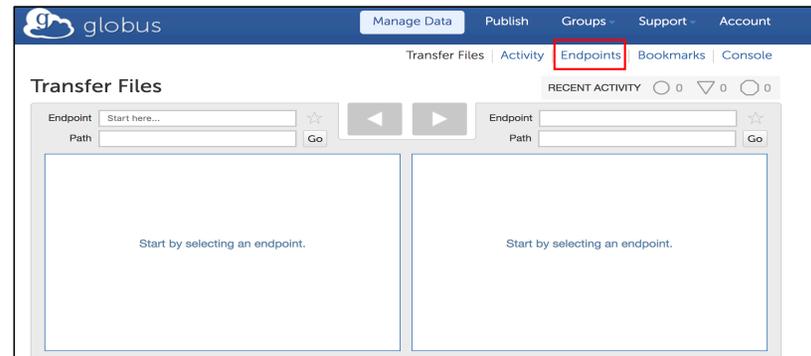
Log In

- 6) Navigate to globus.org, click “Log in”
- 7) Click “use Globus ID to sign in”
- 8) Enter your **GlobusID** username and password

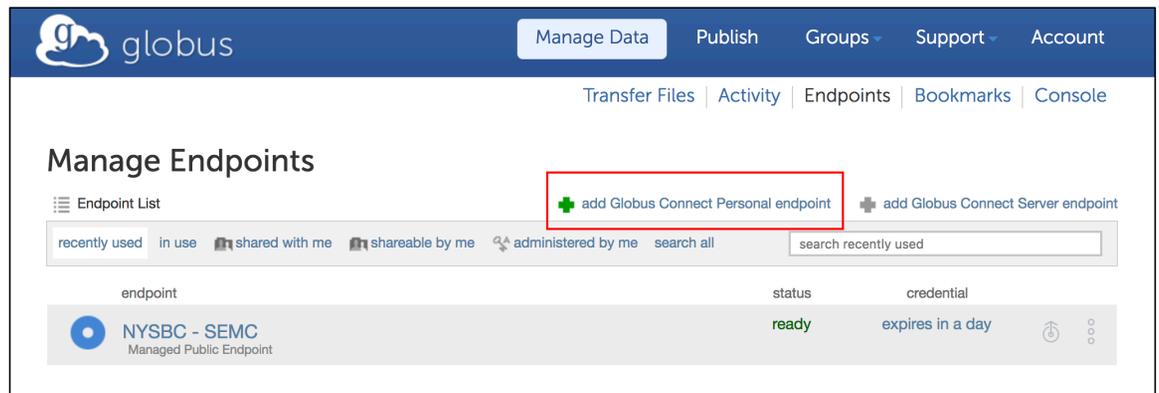


Create Personal Endpoint

9) Click “Endpoints”

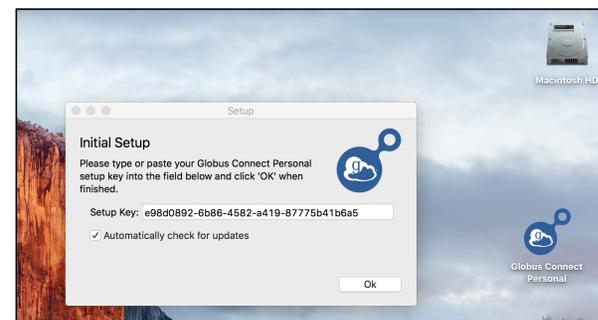
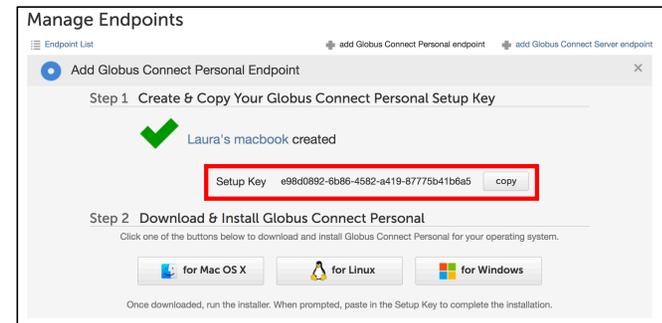
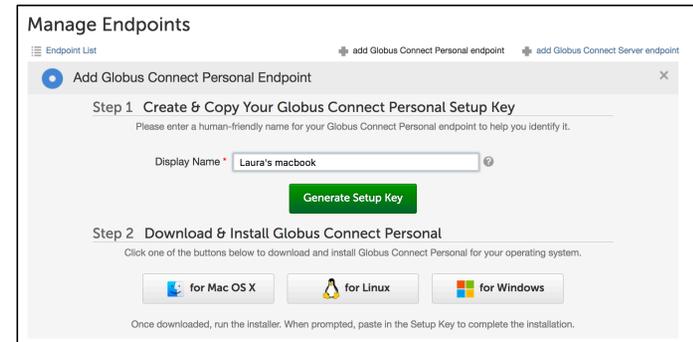


10) Click “add Globus Connect Personal endpoint”



Create Personal Endpoint

- 11) Select a name for your personal endpoint
 - e.g. "Laura's macbook"
- 12) Click "Generate Setup Key"
- 13) Copy the setup key.
- 14) Follow the instructions in "Step 2" to download and install the Globus Connect Personal client.
 - The client can be installed on any laptop or workstation with an internet connection.
- 15) Launch the Globus Connect Personal from your desktop. When prompted, paste the setup key into the text field and Click "Ok".



Select Destination Path

OPTIONAL:

If you would like to transfer to a USB harddrive connected to your laptop or a workstation, do the following:

i) Navigate to the “Preferences” section of your Globus Personal Connect client

ii) Click “Access”. Select the “+” plus sign at the bottom left corner.

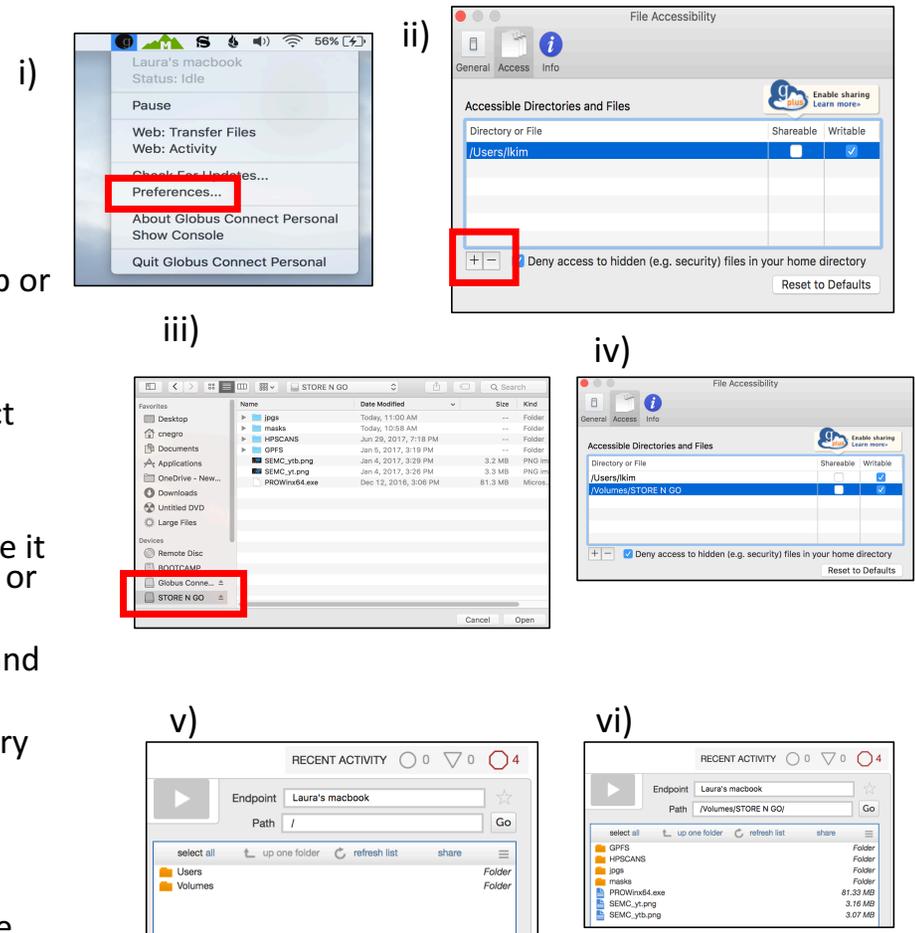
iii) Plug your USB harddrive into the laptop or workstation and make sure it is recognized by the operating system. Select the drive and click “Open” or the corresponding button in your operating system.

iv) Make sure the USB harddrive appears in the “Accessible Directories and Files” list with “Writeable” selected.

v) In the “Transfer Files” page, you should now see an additional directory that points to the USB harddrive mounted on the laptop or workstation.

vi) Select a destination folder on the mounted USB harddrive.

NOTE: If you are setting up your data transfer at <http://globus.org> on the same machine that the USB harddrive is connected to, you cannot shut down the computer or the transfer will break. If you are using a different machine, you can close down the computer. (I.E. don't shut down the computer that the data is transferring to)



Select Source Endpoint

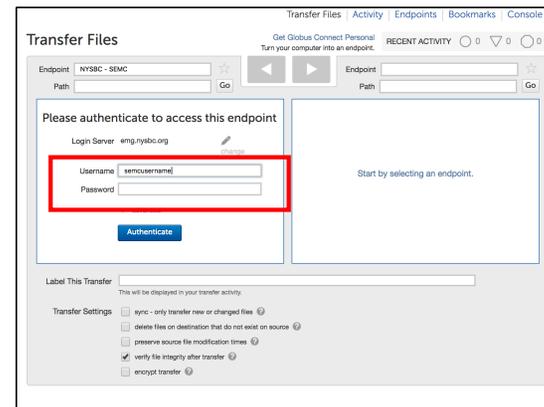
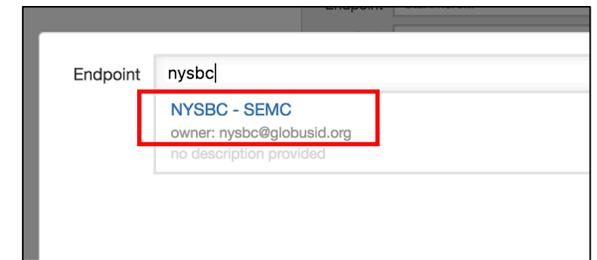
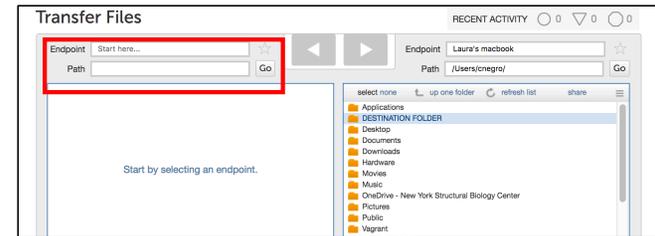
20) Select the empty “Endpoint” box on the leftside.

21) Type “nysbc” into the box next to “Endpoint”.

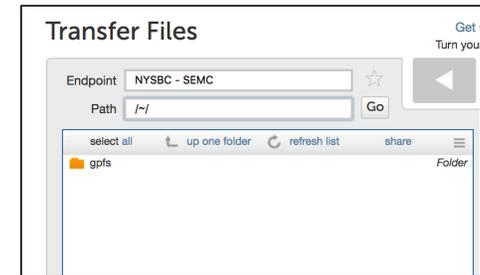
22) The option “NYSBC – SEMC” should be available.

Verify that owner in the results is nysbc@globusid.org and select it.

23) Enter your **NYSBC** Linux username and password when prompted.



Select Source Path

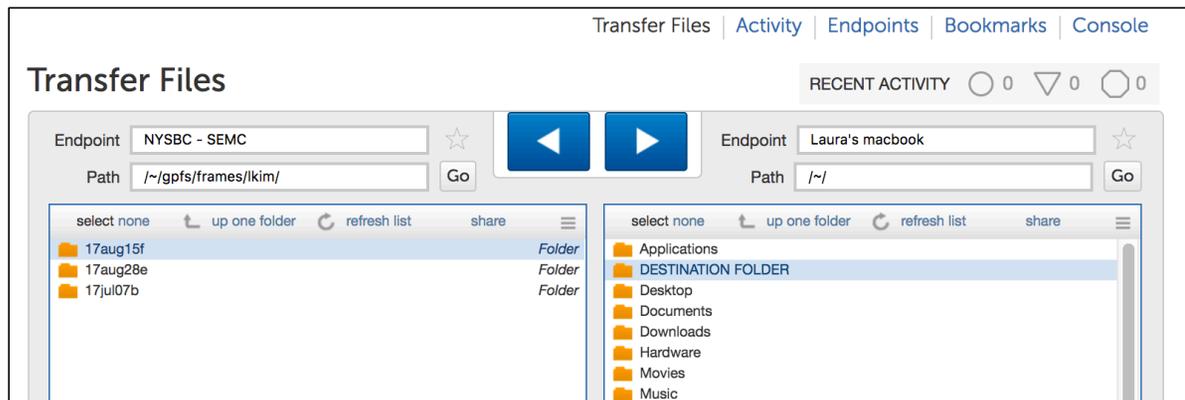


24) On the left you should now see a file system with the /~/gpfs as the topmost directory.

25) Navigate to the directory in /gpfs/frames, /gpfs/appion, or /gpfs/legion you would like to transfer.

e.g. ~/gpfs/frames/lkim/17aug15f

26) Your screen should look similar to this:



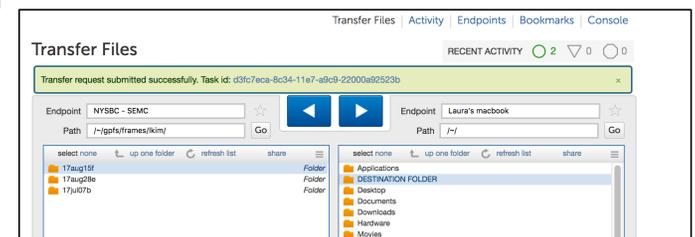
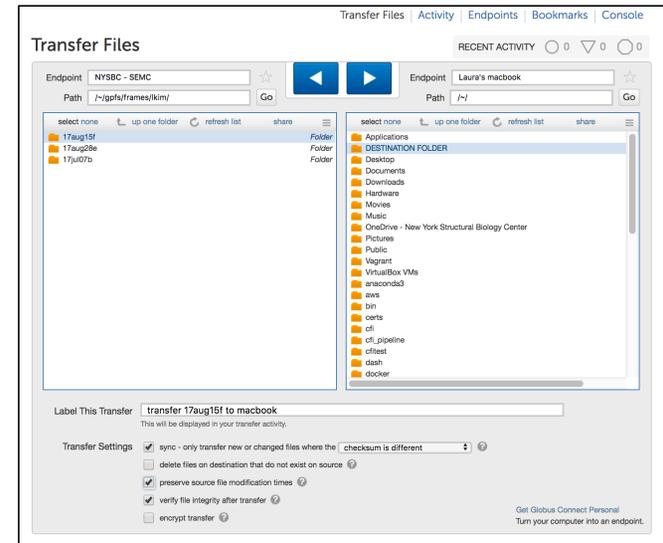
Begin Transfer

27) Select a useful label for the data transfer session

28) Click “sync – only transfer new or changed files” with the “checksum is different” option. This will ensure that if you collect more data and re-run the transfer, Globus will only try and transfer new data.

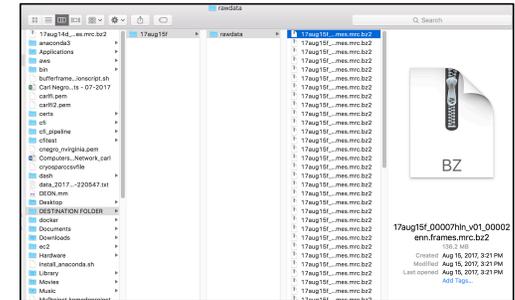
Optionally, select “preserve source file modification times”

29) Click the blue arrow pointing to the right to begin the transfer



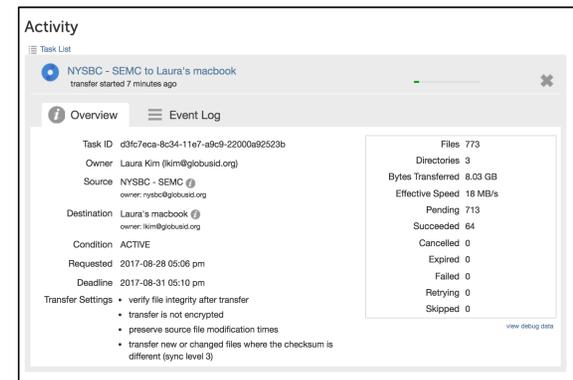
Let Data Transfer

30) Verify that data is being transferred to your destination folder



31) You can check the status of your transfer by clicking “Activity” on the main Globus transfer page

NOTE: Syncing will only transfer data present at the time the transfer begins, it will not transfer files collected later in a data collection. If you collect more data, you must rerun the transfer. Please only use one active transfer session at a time.



Transfer Complete

You should receive an email when your data is finished transferring:

