GLOBUS SETUP FOR USERS





GLOBUS HOW-TO SUMMARY

- This tutorial is for a mac install, but windows and linux platforms are supported
 - See <u>https://docs.Globus.Org/</u> for globus documentation and details regarding system specific installs
- Part I :
 - Install personal globus account
 - Create account
- Part II:
 - Setup collection on local machine
 - Transfer data





- Go to www.globus.org
- Click "Enable Globus on my system"

Step 1 :







Step 3 : Select Globus Connect Personal

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🔊 globus 🔊 globus Get Started Globus Connect Personal turns your laptop or other personal computer into a Globus endpoint with just a few s for Google Drive, Amazon S3. Western Digital ActiveScale, Spectra BlackPearl and Start a free trial, create new e get pricing details, and more. clicks. With Globus Connect Personal you can share and transfer files to/from a local machine—campus server, desktop computer or laptop—even if it's behind a firewall and you don't have administrator privileges Vetwork and System &/ministrator What's New Globus Connect Globus Connect Server v5.4 released: Check out the new feature O Dramatically and other transfer tools. Personal State of the Craft in Research Data Automatically suspends transfers when Management: Read our latest in Science Node aptop or other personal computer and llows you to transfer and share files, sleeps and resumes when turned or en if you don't have administrative Globus at Argonne: Researcher Theta for real-time analysis of COVID-19 proteins nds using native ope leges on your machine. Globus install packages. nal is available for Mac Works with firewalls that bloci ons, and behind most NATs. Uses proven Globus infrastructure for si Get Globus Connect Personal just used Globus 28 GB from the tresties clus single click in a web browse minutes instead of 61 hours 0 . IN ⊡ 📽 🗉 目 … ♡☆ globus 🕒 docs APIs - How To Guides - Support - Q Home / How To How To Install, Configure, and Uninstall Globus Connect Personal for Mac OS X nal allows you to share and transfer files to and from your Apple laptop Globus Connect Personal allows ; the steps below to turn your pers-Installation @ 1. Download Gi ℗ Download Globus Connect Personal

Globus provides documentation for system specific installs and account creation. Here, we will follow MAC OS X install. Using Firefox Browser

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Step 4 : Select your platform

PART I : GLOBUS ACCOUNT CREATION

Step 5 : If your institution has an account, you can select it from dropdown menu. Here, we will sign in with Google Account. Note: Your institute may block Globus when used on organizational network. (Discuss with your local contact)

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c. (Discuss with your local contact)	We	lcome – You've Successfully Logged In
()	This i	is the first time you are accessing Globus with your Google login.
	lf you linker	u have previously used Globus with another login you can link it to your Google login. Wh zd. both logins will be able to access the same Globus account permissions and history.
Log in to use Globus Web App	Co	ntinue Link to an existing account Why should I link accounts?
Use your existing organizational login e.g., university, national lab, facility, project		
Brookhaven National Laboratory	🖭 gla	bbus
Continue		Complete Your Sign Up For lixnsls2@gmail.com
Globus uses ClLogon to enable you to Log In from this organization. By clicking Continue, you agree to the ClLogon privacy policy and you agree to share your username, email address, and affiliation with		Name LDX Beamline Email lixnsls2@gmail.com
CILogon and Globus. You also agree for CILogon to issue a certificate that allows Globus to act on your behalf.		Organization Account will be used for onon-profit research or educational purposes
OR	Verify and update	 commercial purposes
Sign in with Google	information	□ I have read and agree to the Globus Terms of Service 🕑 and Privacy Policy ② .
Didn't find your organization? Then use Globus ID to sign in. (What's this?)		 Please e-mail me updates about Globus
		Continue This field is specified by the identity provider, and cannot be modified by Globus: If you change it with your identity provider, it will propagate to Globus the next time you log in.
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Step 6 : Successful Account creation

PART I : FINISH GLOBUS PERSONAL APP INSTALL

Step 7	' :	Grant	Globus	permissions	on	your	machine
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Step 8 : Download Globus APP



Step 9 : Once installed in location, click login and browser will open up. Accept permissions and move to create collection



PART II : SETUP COLLECTION LOCALLY

Step 10 : Create a collection name. This will become a location where Globus data can live.



Successful Setup





PART II : SETUP COLLECTION LOCALLY

Step 11 : From Menu bar click transfer files and default browser will open. The File Manager will show your collection name for Globus data. You can select a local path and bookmark this for later. At this point, you need a link from your local contact to begin the data transfer.







PART II : TRANSFER DATA

Step 12 : Email from local contact will look something like this. Here, the collection name being shared with you is called "Demo_test" . Click link and file manager should

open.

ł	Globus Notes to me +	lotification <no-reply@globus.org></no-reply@globus.org>				1:51 PM (1 m	inute ago)	☆	K I				
	Globus use	er James Byrnes (j <u>byrnes@bnl.gov</u>) sha	ared the folder "/" on the endpoint	"Demo_test" (endpoi	int id: ab3a6c28	-4ebd-11eb-8ffb-0a34088e7	9f9) with 🔤	nsis2@gn	sail.com.				
	Use this U https://app	IRL to access the share: a.globus.org/file-manager?&origin_id=ab	b3a6c28-4ebd-11eb-8ffb-0a34088	e79f9&origin_path=//	kadd_identity=4	b74871d-0791-46ec-b256-1	7f31b1dd7f	5d					
	The Globu	is Team											
	support@g	globus.org											
													ľ
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		AgBh_090220_2.h5	09/02/2020 0	2.73 MB		Ipload	;			01/04/2021	-		
		A-DL 000000 7-5	00/00/2020 5	276.00	000	iet Link				05/03/2020			
		AGBUT090550T2'02	09/02/2020 1	2.70 MB	S	how Hidden Items				03/02/2020	-		

Successful transfer request. Email notification will be sent when transfer is complete or if errors occur.





Select Files or Folders to transfer and select local path on right side (under your collection name, in this case NSLS2_data). Then click "start".

EXAMPLE : CRYO EM DATA TRANSFER

Step 1: Received link from local contact and brings you to sign in. (Using google here)

Use your existing organizational login e.g. weeks into a laboratory Booteven hadrod Laboratory Constant Constant	Ÿ
eenergy instruction take for the project Broathware National Liberatory Contractory Contractory Colours uses Cluogen to enable you to Log In from this organ	Ŧ
Ecolitare National Laboratory Continue Globas uses Cluogon to enable you to Log in from this organ	Ť
Continue	
Globus uses Cillogon to enable you to Log In from this organ	
v ciciong Continue, you agree to the Clubgon privacy pairs you agree to the your agreemane, we mail address, and affilia Clubgon and Globus. You also agree for Clubgon to issue a cl that allows Globus to act on your behalf.	y and on with ertificate
OR	

Step 2: After sign in, you should see the files made available to you. Click on Search to find your local collection setup previously (see slides 7-8)

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	D	Ice_Spot1_003[-6.00]_fractions.mrc	12/22/2020 04	141.42 MB		Delete Selected				
+ 	٥	Ice_Spot1_004[+9.00]_fractions.mrc	12/22/2020 04	ML42 M8		Download Open				
-	D	Ice_Spot1_005[-12.00]_fractions	12/22/2020 04	141.42 MB		Upload				
	D	Ice_Spot1_006[-15.00]_fractions	12/22/2020 04	141.42 MB	8	Get Link Show Hidden Items				
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Step 4: Select Files or Folders to transfer and select local path on right side (under your collection name, in this case NSLS2_data). Then click "start". I created the NSLS2_data collection on "Macintosh HD". You can create your collection and subdirectories within the collection wherever you choose.

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۵	Ice_Spot1_002[-3.00]_fractions.mrc	12/22/2020 04	New Folder Rename		6	Demo	01/04/2021	-	>
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٥	Ice_Spot1_004[-9.00]_fractions.mrc	12/22/2020 04	Download Open	4 2		Documents	09/23/2020	-	>
٥	Ice_Spot1_005[-12.00]_fractions	12/22/2020 04	Upload	4		Downloads	01/04/2021	-	>
n	Ice_Spot1_006[-15.00]_fractions	12/22/2020 04	Get Link Show Hidden Items	CD (@)	6	Movies	05/02/2020	-	>

