## How do I transfer files from my personal computer to the HPCC?

Open and log into Globus Connect Personal with your MSU credentials (white arrow).



Complete the provided details and click Allow.

💁 globus							
	Globus Connect Personal	Setup would like to:					
	Create Globus Connect Persona	$\bigcirc$ Create Globus Connect Personal collections in the Globus Transfer service (j)					
	$\bigcirc$ View information about your linked identities (j)						
	View your identity (j)						
	View identity details (j)						
	Provide a label for future reference	DESKTOP-54T036R					
	You can rescind this consent at any tim	ne by visiting the Manage Consents [곍 page.					
	By clicking "Allow", you allow <b>Globus C</b> service [길 and privacy policy [길 , to u	Connect Personal Setup, in accordance with its terms of use the above listed information and services.					
$\rightarrow$	Allow Deny						

Complete the necessary details and click Save.

👩 Globus Connect Per	rsonal Setup
globus connect personal	Collection Details
Owner Identity	oesterei@msu.edu ~
Collection Name	LauraHarrisLaptop
Description	My home laptop
High Assurance	Choose this option only if your computer stores sensitive data such as Protected Health Information or Controlled Unclassified Information.
	Save

Globus Connect Personal will confirm when your personal computer is set-up to use Globus.

 $\times$ 



You will now see a Globus icon in your system (sys) tray:



A connection notice may pop up if you click on the Globus icon in your sys tray:



## Open Globus and connect to the ICER HPCC.

ُ	File	e Manager					Panels [	
	Collection	msu#hpcc		Q ⊗	:	Q Search	←	0 0 0
Д	Path	/mnt/home/oesterei/						
BOOKMARKS 			Start (	🔊 📚 Transfer	& Sync	Options 🗸	<ul> <li>④ Start</li> </ul>	
		Ç		ې view	>Ξ		Ċ	ېنew ئې
ENDPOINTS		NAME 🗸	LAST MOD	Share g	<u>م</u>			
<u>дО</u> groups		bashrc	2/17/2021, 2	Transfer or Sync to	$\checkmark$		Search for a collection to begin	
CONSOLE		Desktop	3/4/2021, 5:	New Folder			OP Get started by taking a short tour.	
ELOWIS		Documents	3/1/2021, 3:.	Delete Selected				
		Downloads	2/17/2021, 1		÷ 2			
		examplemathJNB.ipynb	5/14/2021, 1	Upload	ф.,			

In the right-side Collection Search box (black arrow above), type the name of your personal computer. Click on the name of your personal computer in the search results (black arrow below).

٩	Co	llection Search		
	Collection	LauraHarrisLaptop	⊗Q	Cancel
DOORMARKS 	See Laura Owner My hor	HerrisLaptop : oesterei@msu.edu me.laptop		<b>Q</b> ∧ :

٩	File	e Manager						Panels		
	Collection	msu#hpcc		Q (8)	:	LauraHarri	sLaptop		Q (X	
D	Path	/mnt/home/oesterei/				/~/				
воокмаякs —Иг			Start (	➢ Transfe	er & Sync	Options 🗸	( Start			
		Ç		ξÔ۶ view	>≡		C		ţĊł	view
ENDPOINTS		NAME ~	LAST MOD	Share	<u>ل</u> م		NAME 🗸	LAST MODIFIED	SIZE	
<u>.</u> GROUPS		bashrc	2/17/2021, 2	Transfer or Sync to			Custom Office Templates	6/3/2020,	-	>
		Desktop	3/4/2021, 5:	Rename			desktop (New).ini	8/25/2020,	402 B	
C FLOWIS		Documents	3/1/2021, 3:.	Delete Selected	$\overline{\times}$		desktop.ini	1/7/2021, 1	176 B	
		Downloads	2/17/2021, 1		÷ Ø		Files on my computer.lnk	1/8/2021, 1	659 B	
		examplemathJNB.ipynb	5/14/2021, 1	Upload	ф,	. –	IBM	1/7/2021, 1	_	> -

This will bring up your personal computer files in the second window.

Please note that Globus Connect Personal <u>MUST</u> be running on your computer to access your personal computer files for transfer. An error message will occur if Globus Connect Personal is not actively running.

٩	File	e Manager				Panels 🔲 🔲
	Collection	msu#hpcc		Q (8)	:	LauraHarrisLaptop Q 🛞
Д	Path	/mnt/home/oesterei/				
bookmarks —{{r			Start (	▶ ∑ Transfe	er & Sync I	c Options 🗸 🕜 Start
		C		ې view	∍≡	□ î_ Ċ 🔅 view
ENDPOINTS		NAME ~	LAST MOD	Share	<u>م</u>	Clobus Connect Personal Is Not Punning
<u>AC</u> GROUPS		bashrc	2/17/2021, 2	Transfer or Sync to		
		Desktop	3/4/2021, 5:	New Folder Rename		The Globus Connect server is not connected. Please check if the Globus Connect application is running and the computer is connected to the network.
FLOWS		Documents	3/1/2021, 3:.	Delete Selected	$\overline{\mathbf{X}}$	Try again 🗸 Show details
		Downloads	2/17/2021, 1		÷	

There are two ways to transfer files between Collections: 1) Drag and drop, or 2) Transfer & Sync. Select the file to transfer from your personal laptop window and drag it to the HPCC window. For more advanced transfer methods, you can select the file and Click Start (black arrow below) to initiate transfer of the file using user set options.

ُ	File	e Manager							Panels		1	
	Collection	msu#hpcc		Q (8)	:	Laur	aHarri	sLaptop		Q (8	)	
Д	Path	/mnt/home/oesterei/				/~/						
BOOKMARKS 			Start (	🖻 🔅 Trans	fer & Sync	Options	~	(d) Start				
		Ç		ې پې view	×≡	-	î_	Ç		ţĊ	view	
ENDPOINTS		NAME 🗸	LAST MOD	Share	e 🔊			NAME ~	LAST MODIFIED	SIZE		1
<u>aroups</u>		bashrc	2/17/2021, 2	Transfer or Sync to.	. 🔪			Files on my computer.lnk	1/8/2021, 1	659 B	-	
CONSOLE		Des NCR deployment script.docx	374/2021,°5!	New Folde 0 B Rename	r <u>,</u> e Ø			IBM	1/7/2021, 1	-	>	
Elows		Documents	3/1/2021, 3:.	Delete Selected				NCR deployment script.docx	2/4/2020, 1	0 B		
		Downloads	2/17/2021, 1		· P			NCR load and config script	2/4/2020,	23.60 KB		
		examplemathJNB.ipynb	5/14/2021, 1	Upload	н ф ,	. 🗆		Python Scripts	2/24/2021,	-	> .	

File transfer options set by user are found by clicking Transfer & Sync Options (orange oval above) before clicking Start.

ۛ	File File	Manager		Panels	
RLE MANAGER	Collection	msu#hpcc	Q 🛞 : Q Search		• • •
Д	Path	/mnt/home/oesterei/			
BOOKMARKS 		Start (S	🤶 Transfer & Sync Options \land 🕢 🎯 Start		
$\odot$		Label This Transfer			
		Transfer Settings	<ul> <li>sync - only transfer new or changed files (j)</li> <li>delete files on destination that do not exist on source (j)</li> </ul>		
			<ul> <li>preserve source file modification times (j)</li> <li>verify file integrity after transfer (j)</li> </ul>		
ං			encrypt transfer ()     Stin files on source with errors ()		
FLOWS			Fail on quota errors ()		

In the upper right corner, you receive a confirmation message and be allowed to view transfer details.



٩	File	e Manager							Panels			]
	Collection	msu#hpcc		(	ک ⊗	:	LauraHarrisLaptop			Q (	$\otimes$	
Ω	Path	/mnt/home/oesterei/					/~/					]
bookmarks —¶r			Start 🕞		을 Trans	sfer & Syr	nc Options 🗸					
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ENDPOINTS		NAME 🗸	LAST MODIFIED	SIZE		Q	Share	^	LAST MODIFIED	SIZE		
20 GROUPS		bashrc	2/17/2021, 2:	338 B			Transfer or Sync to	fice Templates	6/3/2020,	_	>	Â
		Desktop	3/4/2021, 5:3	-	>	, C	New Folder Rename	ew).ini	8/25/2020,	402 B		l
FLOWIS		Documents	<i>3/1/2021, 3:5</i>	-	>	$\overline{\times}$	Delete Selected 🖂	examplemathJNB.	ipynb 1/7/2021, 1	5/14 176 B		
		Downloads	2/17/2021, 1:	-	>	ф Ø	Download Open	r computer.lnk	1/8/2021, 1	659 B		
		examplemathJNB.ipynb	5/14/2021, 1	3.83 KB		<b>P</b>	Upload	•	1/7/2021, 1	_	>	Ŧ

Transfer can occur in both directions using both methods.

You can view the status of any transfer from the Activity tab on the left side of the screen.

<u>ُ</u>	✓ File Manager → Activity		
	i Recent History		
		Filter tasks	$\bigtriangledown$
-/r <u>activity</u>	v msu#hpcc to LauraHarrisLaptop transfer completed – a few seconds ago		>
	LauraHarrisLaptop to msu#hpcc transfer completed – a minute ago		>

Clicking on the name of the appropriate transfer will provide transfer details.

	Eile Manager			
2		amsLaptop to msu#npcc		
r-A	transier comp	liered		
FILE MANAGER	i Overview Event Log			
	Task Label	LauraHarrisLaptop to msu#hpcc		
BOOKMARKS	Source	LauraHarrisLaptop (j)	1	Files
-1/-	Destination	msu#hpcc ①	0	Directories
ACTIVITY	Task ID	57669516 b0cc 11cb 0d00 56166079706	0 B	Bytes Transferred
$\odot$		55106510-bada-116b-9092-511010/6/21	0 B/s	Effective Speed
ENDPOINTS	Owner	Laura Harris (oesterei@msu.edu)	0	Skipped files on
æ	Condition	SUCCEEDED		sync
GROUPS	Requested	2021-05-20 04:31 pm	0	Skipped files on
2 A	Completed	2021-05-20 04:31 pm		error
CONSOLE	Duration	5 seconds		
	Transfer Settings	<ul> <li>verify file integrity after transfer</li> <li>transfer is not encrypted</li> <li>overwriting all files on destination</li> </ul>		View debug data