File Transfers

Globus is the recommended method to transfer data to and from the DCC and can be used with any OIT provided research storage.

- New users: Globus Web User Guide.
- Advanced users: Globus CLI User Guide

Globus Quick Links

- Duke Compute Cluster (DCC) Data Transfer Node This endpoint can support any OIT provided storage.
- Duke Box Storage Allows researchers to easily move data to and from Duke Box.
- HARDAC to DCC Instructions

File transfer considerations and other methods



Bundle your files before transferring

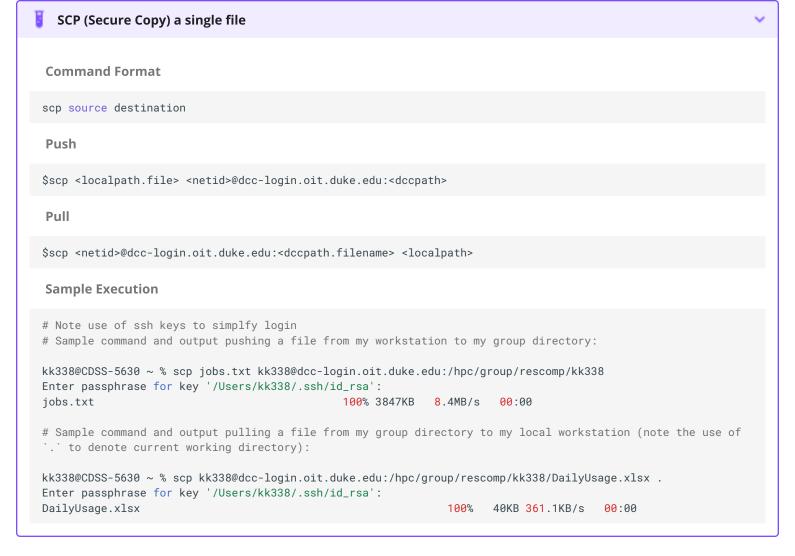


.tar your files before transferring. Transferring a large number of small files is very inefficient and will take much longer than transferring a single large file.

There are many ways to transfer files to and from the DCC. When choosing consider your network path and try to optimize transfers through directly connected (wired) systems.

For SCP and RSYNC the initiating system must be connected to the Duke network, or off campus use VPN. When executing SCP for files to or from the DCC, MFA is required, and will default to your first available option. If you are having trouble with MFA and SCP, get help with MFA, or bypass MFA all together by setting up and using SSH Keys to access the DCC.

File transfers within the DCC



While you can use scp -r to recursively copy all of the files in a directory, we recommend the use of rsync for a large number of files.

