BBCP

The BBCP utility for transferring large files is an alternative for users who are unable to use Globus to transfer data. BBCP splits the files into multiple streams that are transferred simultaneously, so it is faster than the single-streaming SCP and SFTP utilities.

To make transfers with BBCP, it must be installed on all the systems where you want to use it. It is already installed on the NCAR systems that CISL manages, including the data-access nodes. Those nodes give users access to the GLADE file spaces to facilitate data transfers.

Transfer examples

To transfer a file *from GLADE to a remote system* that uses bbcp, log in to **data-access.ucar.edu** and follow this example. Replace "target" with the intended pathname of the file you are transferring.

```
bbcp -w 4m -s 16 filename username@supersystem.univ.edu:target
```

To transfer a file *from a remote system to GLADE*, log in to the remote system and follow this example. Replace "target" with the intended pathname of the file you are transferring – for example, /glade/u/home/$USER/filename.

```
bbcp -w 4m -s 16 -V -D filename username@data-access.ucar.edu:target
```

Detailed documentation

For complete details, see the official BBCP man page.