

PSCP and PSFTP

PuTTY Secure Copy (PSCP) and PuTTY SFTP (PSFTP) enable you to transfer files to another system after opening a command window on a Windows computer. Both applications are available as free downloads.

Go to [the download site](#) and find the latest release version of the **pscp.exe** and **psftp.exe** files.

Click on each and save them to your hard drive—for example, in your **C:\Users\username\Downloads** folder or in **C:\Program Files**.

To run either program, first open a command window:

- Enter **cmd.exe** in the search field of your Start menu.
- Press **Enter**.

Then follow the applicable instructions below.

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PSCP transfer

To copy a file or files using PSCP, open a command window and change to the directory in which you saved **pscp.exe**.

```
C:\Users\jbsmith>cd C:\Program Files
```

Then type **pscp**, followed by the path that identifies the files to copy and the target directory, as in this example.

```
pscp C:\Users\jbsmith\directory\*.txt jbsmith@cheyenne.ucar.edu:/glade/u/home/username
```

Press **Enter**, then follow your usual authentication procedures to execute the transfer.

```
Token_Response:
file1.txt      | 0 kB | 0.5 kB/s | ETA: 00:00:00 | 100%
file1.txt      | 0 kB | 0.5 kB/s | ETA: 00:00:00 | 100%
file1.txt      | 0 kB | 0.5 kB/s | ETA: 00:00:00 | 100%
C:\Users\jbsmith\Downloads>
```

When the transfer is complete, type **exit**, then press **Enter** to close the command window.

PSFTP transfer

Open your command window, then change to the directory in which you saved **psftp.exe**.

```
C:\Users\jbsmith>cd C:\Program Files
```

To start a session, type **psftp** followed by your login for the target computer.

```
psftp jbsmith@cheyenne.ucar.edu
```

Press **Enter**, then follow your usual authentication procedures to log in to the remote machine.

```
Token_Response: Remote working directory is /glade/u/home/jbsmith psftp>
```

Within the session that you just started, you can copy a file or files from your computer to the remote system by changing between directories as needed and executing multiple **put** commands*.

Use **lcd** to change local directories, and **cd** to change directories on the remote system, as in this example:

```
psftp> lcd ../documents
psftp> lcd documents
New local directory is C:\Users\jbsmith\documents
psftp> put file1.txt
local:file1.txt => remote:/glade/u/home/jbsmith/file1.txt
psftp> cd /glade/scratch/jbsmith
Remote directory is now /glade/scratch/jbsmith
psftp> mput file*.txt
local:file1.txt => remote:/glade/scratch/jbsmith/file1.txt
local:file2.txt => remote:/glade/scratch/jbsmith/file2.txt
local:file3.txt => remote:/glade/scratch/jbsmith/file3.txt
psftp>
```

To end the psftp session, type **exit**, then press **Enter**.

To close the command window, type **exit** again, then press **Enter**.

** To copy multiple files, you can use a wildcard and an **mput** or **mget** command rather than **put** or **get**.*