

# SCP - Secure Copy

Saturday, February 24, 2018 2:45 PM

## SCP – Secure Copy

Install SCP (Secure Copy) if not already installed.

1. scp is a command for sending files over SSH. This means you can copy files between computers, say from your Raspberry Pi to your desktop or laptop, or vice-versa.
2. First of all, you'll need to know your Raspberry Pi's [IP address](#).
3. Copying files to your Raspberry Pi
  - a. Copy the file myfile.txt from your computer to the pi user's home folder of your Raspberry Pi at the IP address 192.168.1.3 with the following command: **scp myfile.txt pi@192.168.1.3:**
  - b. Copy the file to the /home/pi/project/ directory on your Raspberry Pi (the project folder must already exist): **scp myfile.txt pi@192.168.1.3:project/**
4. Copy files from your Raspberry Pi:
  - a. Copy the file myfile.txt from your Raspberry Pi to the current directory on your other computer:  
**scp pi@192.168.1.3:myfile.txt .**
5. Copying multiple files by separating them with spaces:
  - a. **scp myfile.txt myfile2.txt pi@192.168.1.3:**
  - b. Alternatively, use a wildcard to copy all files matching a particular search with:  
**scp \*.txt pi@192.168.1.3:** (all files ending in .txt)  
**scp m\* pi@192.168.1.3:** (all files starting with m)  
**scp m\*.txt pi@192.168.1.3:** (all files starting with m and ending in .txt)
6. Note that some of the examples above will not work for file names containing spaces. Names like this need to be encased in quotes: **scp "my file.txt" pi@192.168.1.3:**