

# Copying Files over SSH

Copy the file "file.txt" from a remote host to the local host.

```
$ scp user@remote.host:file.txt /some/local/directory
```

Copy the file "file.txt" from the local host to a remote host.

```
$ scp file.txt user@remote.host:/some/remote/directory
```

Copy the directory "dir1" from the local host to a remote host's directory "dir2".

```
$ scp -r dir1 user@remote.host:/some/remote/directory/dir2
```

Copy the file "file.txt" from remote host "remote.host1" to remote host "remote.host2".

```
$ scp user@remote.host1:/directory/file.txt  
user@remote.host2:/some/directory/
```

Copy the files "file1.txt" and "file2.txt" from the local host to your home directory on the remote host.

```
$ scp file1.txt file2.txt user@remote.host:~
```

Copy the file "file.txt" from the local host to a remote host using port 2222.

```
$ scp -P 2222 file.txt user@remote.host:/some/remote/directory
```

Copy the file "file.txt" from the local host to a remote host's home directory. Preserve the modification and access times, as well as the permissions of the source-file in the destination-file.

```
$ scp -p file.txt user@remote.host:~
```

Copy the file "file.txt" from the local host to a remote host's home directory. Increase SCP speed by changing the cipher from the default AES-128 to Blowfish.

```
$ scp -c blowfish file.txt user@remote.host:~
```

Copy the file "file.txt" from the local host to a remote host's home directory. limit the bandwidth used by SCP command to 100 Kbit/s.

```
$ scp -l 100 file.txt user@remote.host:~
```

Copy multiple files from the remote host to your current directory on the local host.

```
$ scp user@remote.host:~/\{file1,file2,file3\} .
```

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