Example syntax for Secure Copy (scp)

What is Secure Copy?

scp allows files to be copied to, from, or between different hosts. It uses **ssh** for data transfer and provides the same authentication and same level of security as **ssh**.

Examples

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

```
$ scp your_username@remotehost.edu:foobar.txt
/some/local/directory
```

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

```
$ scp foobar.txt
your_username@remotehost.edu:/some/remote/directory
```

Copy the directory "foo" from the local host to a remote host's directory "bar"

```
$ scp -r foo
your_username@remotehost.edu:/some/remote/directory/bar
```

Copy the file "foobar.txt" from remote host "rh1.edu" to remote host "rh2.edu"

```
$ scp
your_username@rh1.edu:/some/remote/directory/foobar.txt \
your_username@rh2.edu:/some/remote/directory/
```

Copying the files "foo.txt" and "bar.txt" from the local host to your home directory on the remote host

```
$ scp foo.txt bar.txt your_username@remotehost.edu:~
```

Copy the file "foobar.txt" from the local host to a remote host using port 2264

```
$ scp -P 2264 foobar.txt
your_username@remotehost.edu:/some/remote/directory
```

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

```
$ scp
your_username@remotehost.edu:/some/remote/directory/\{a,b,c\
} .
```

```
$ scp your_username@remotehost.edu:~/\{foo.txt,bar.txt\} .
```