

# Transferring files via SFTP

## Linux

### Using TMSS10SFTP

The TMSS10SFTP program is installed by default with the TapeTrack Command Line Programs for Linux.

This program provides more automation than the native sftp command and is able to automatically select the newest file in a directory.

This comes in handy when downloading files from Iron Mountain as they only provide time-stamped files requiring the user to know the name of the file to be downloaded in advance.

### Using sshpass and sftp

The Linux sftp command does not provide an argument to specify a password. If you do not want to configure keys for the transfer, you can install the sshpass program.

```
[root@corp-01 ~]# yum install sshpass
Last metadata expiration check: 0:04:14 ago on Fri 19 Apr 2019 04:22:49 PM MDT.
Dependencies resolved.
=====
=====
=====
=====
Package                               Arch
Version                               Repository
Size
=====
=====
Installing:
  sshpass                               x86_64
  1.06-4.fc27                            fedora
  26 k

Transaction Summary
=====
=====
=====
=====
```

### Install 1 Package

```
Total download size: 26 k
Installed size: 38 k
Is this ok [y/N]: y
Downloading Packages:
sshpas-1.06-4.fc27.x86_64.rpm
1.4 MB/s | 26 kB    00:00
```

```
-----
-----
-----
-----
Total
196 kB/s | 26 kB    00:00
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing      :
1/1
  Installing     : sshpas-1.06-4.fc27.x86_64
1/1
  Running scriptlet: sshpas-1.06-4.fc27.x86_64
1/1
  Verifying      : sshpas-1.06-4.fc27.x86_64
1/1

Installed:
  sshpas.x86_64 1.06-4.fc27
```

Complete!

Once sshpas is installed, you can call sshpas, pass the password and then pass the sftp command string as an argument.



To specify multiple command strings you can either pass a file full of commands, or you can use the bash here-string syntax.

```
[root@corp-01 ~]# sshpas -p "password" sftp user@server.tapetrack.com <<<
"put drm.csv upload/drm.csv"
Connected to server.tapetrack.com.
sftp> put drm.csv upload/drm.csv
```

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