

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.

Documentation for TMSS10SFTP can be found [here](#).

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
```

Windows

Windows users wanting to send files via SFTP can use the TMSS10SFTP command (installed as part of the TapeTrack Server Utilities package), or a third-party program such as [WinSCP](#).

[technote](#), [files](#)

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