

SFTP File Transfer Between VSM Hosts

I have found that using sftp to transfer files between servers can be a big time saver. In the case of remote multiple server upgrades transferring the installation packages to the servers on site can be time consuming. Using sftp which is running by default on our VSM servers will enable you to only have to transfer the installation packages to one server on site. Once the packages are on site, sftp can be used to copy the installation packages from server to server. This procedure can also be used for any other files transfers that may be necessary between VSM hosts.

Makes directory in /tmp called sftptest

```
linux-yk2y:/tmp # mkdir sftptest
```

Change directory to sftptest

```
linux-yk2y:/tmp # cd sftptest
```

Creates file with name VSMPACKAGE in current directory

```
linux-yk2y:/tmp/sftptest # touch VSMPACKAGE
```

Lists contents of current directory

```
linux-yk2y:/tmp/sftptest # ls  
VSMPACKAGE
```

Establishes sftp connection to 10.86.76.187

```
linux-yk2y:/tmp/sftptest # sftp root@10.86.76.187  
Connecting to 10.86.76.187...  
Password:
```

Prints remote working directory

```
sftp> pwd  
Remote working directory: /root
```

Lists contents of remote working directory

```
sftp> ls  
2421du.pcap          30986_error_found.txt    4300.pcap  
4300_clientPC.pcap  CIVS_MSP_HDD_Monitor.sh  Desktop  
VSM-6.3.1           allvsm421621             autoinst.xml
```

Prints local working directory

```
sftp> lpwd  
Local working directory: /tmp/sftptest
```

Lists contents of local working directory

```
sftp> ll  
VSMPACKAGE
```

Transfers file to remote /tmp directory on 10.86.76.187

```
sftp> mput VSMPACKAGE /tmp  
Uploading VSMPACKAGE to /tmp/V SMPACKAGE  
VSMPACKAGE 100% 0 0.0KB/s 00:00
```

Changes remote working directory to /tmp

```
sftp> cd /tmp
```

Lists contents of current remote working directory

```
sftp> ls  
sess_cffe0b7b4414b13244e19effb8aa45b5 VSMPACKAGE (file transferred to remote /tmp)  
snmp.15824 snmptrapd.13982  
snmptrapd.8826 ssh-TsZnk4167  
ssh-UGUfH4466 ssh-gsod28737
```

Takes you out of sftp prompt and gets you back to local working directory

```
sftp> exit  
linux-yk2y:/tmp/sftptest #
```