

OTC Markets SFTP Connectivity

SFTP Server Information

Server: ftp.otcmarkets.com
Port: 22

NOTE: If you cannot establish a SFTP connection to our server you may need to open outbound firewall rules from your systems to 216.203.58.13:22.

Supported Authentication Methods

Password authentication

- User name and password are the same as when connecting using FTP.
- If you do not have a username and password, please contact techsupport@otcmarkets.com.

Public key authentication

- User name is the same as when connecting using FTP.
- Public keys must be in RFC 4716 format. You should be able to convert your existing public key to this format using ssh-keygen:

```
ssh-keygen -e -f ~/.ssh/id_rsa.pub
```

Output should look like the following block of text:

```
---- BEGIN SSH2 PUBLIC KEY ----
AAAAB3NzaC1yc2EAAAADAQABAAQDWCjc5Djc2FjFMBzbWlZ7+TV6FQjIQ5y+c14P
yd9I09lyvAgb916FndFO/ltB+bGekUF8RqWt3SdP2MS3zl/AAbPQ3X+0LYhChf8iMwJ+1s
G/zdldUYmeIBEB0x0cZAUo+EPpjx9CGcBX14kJDY7pfk9GtaiXtAB3XIS3eNwLxi69WJ4
mGReJvxN1LrOOIYrMKOQPKWR4LFUb4nhgqYz60nfv6GBMVd5/bZivEGY8+41UZJvw5
tr1t/CphEE0quHWqqI0A9+9rz6GmRW/dWedKx8d5pkDZWW9qTq7RLBONBJ2DNyztQjD
o4jxcRt6EaWaMRS2awc8c+afj94WDiX9g9
---- END SSH2 PUBLIC KEY ----
```

- Please send techsupport@otcmarkets.com the converted public key and specify which FTP/SFTP user account(s) it is to be associated with.
- If your public key is managed by another utility or in a different format please let us know and we will work with you to convert it and document the process.
- **NOTE:** Automated SFTP jobs may fail/hang the on the first run as the client will prompt to accept our server's host key. There are a few ways to deal with the host key:
 - Use ssh-keyscan to import our server's host key before running any SFTP jobs:
 - `ssh-keyscan ftp.otcmarkets.com`
 - Run the job manually so the key can be accepted interactively.
 - Look into disabling host key checking for your SFTP client. For example, with the OpenSSH implementation of SFTP the client option to set is "StrictHostKeyChecking":

```
sftp -o StrictHostKeyChecking=no user@ftp.otcmarkets.com
```