

SFTP Server Export Integration

[Learn more about SFTP Server Import Integration.](#)

You can send job results directly to your SFTP server.

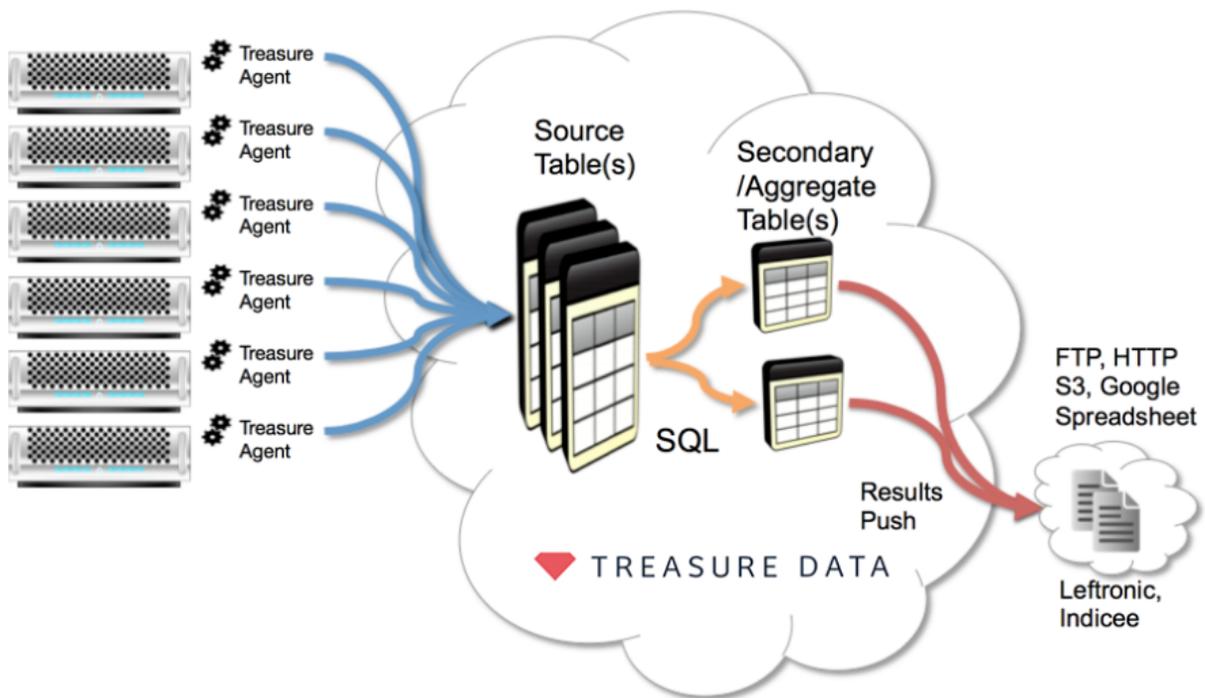
For sample workflows of this, view [Treasure Boxes](#).

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Prerequisites

- Basic knowledge of Treasure Data, including the [toolbelt](#)
- An SFTP server

Basic Usage



You can limit access to your endpoint by using a list of static IPs. Contact support@treasuredata.com if you need it.

Get your credential for your SFTP server

Obtain your credential to access your SFTP server.

Write the query

Go to the TD Console query editor page and compile your query.

Specify the Result Export target

In the same window, select Add in the Result Export section and select SFTP from the drop-down menu. Edit all the information, including your Host, Port, Username, Private Keyfile, and Passphrase of keyfile (if available).

The key type ed25519 is not supported but the ecdsa key type is supported.

Create Connection



SFTP

1 Credentials > 2 Name

Host

Port

User

Authentication mode

Secret key file

Passphrase for secret key file

Retry limit

Timeout

Connection timeout in seconds

Use proxy?

[Learn more](#)

CONTINUE

Rename Remote File after Upload

If you select the "Rename file after upload finish" option, SFTP result output renames the file on the remote SFTP server from ".xxx.tmp" to ".xxx" after all the data is transferred. Some MA tools will try to import data when a file with a specific name exists on the SFTP server. The temp name option is useful for such cases.

Export Results ✕

Integration: sftptest

Path prefix

Files will be stored at this path

Rename file after upload finish
Upload with ".tmp" suffix first, then rename to expected file name

Format

Compression

Header line?
Write the header line with column name as the first line

Delimiter

Delimiter character such as , for CSV, "\t" for TSV, "|" or any single-byte character

Quote Policy

BACK
DONE

Execute the Query

Either save the query with a name and run or just run the query. Upon successful completion of the query, the query result is automatically imported to the specified container destination.

Usage from CLI

You can also use CLI for Result Export to SFTP.

secret_key_file case

The following example has the escaped newline with backslash in the key.

```
$ td query --result '{"type":"sftp","host":"xx.xx.xx.xx","port":22,"username":"xxxx","secret_key_file":{"\ncontent\":"-----BEGIN RSA PRIVATE KEY-----\nABCDEFJ\nABCDEFJ\n-----END RSA PRIVATE KEY-----\"},"secret_key_passphrase":"xxxxxx", "user_directory_is_root":true,"path_prefix":"/path/to/file.csv", "rename_file_after_upload":false,"header_line":true,"quote_policy":"MINIMAL", "delimiter":",", "null_string":"","newline":"CRLF"}' -d sample_datasets "select * from www_access" -T presto
```

user/password case

Example,

```
$ td query --result '{"type":"sftp","host":"xx.xx.xx.xx","port":22,"auth_method":"Password","username":"xxxx","password":"xxxxx","user_directory_is_root":true,"path_prefix":"/path/to/file.csv","rename_file_after_upload":false,"header_line":true,"quote_policy":"MINIMAL","delimiter":",","null_string":"","newline":"CRLF"}' -d sample_datasets "select * from www_access" -T presto
```

FAQ for the SFTP Data Connector

I can't connect to my SFTP server, what can I do?

- Check what is valid protocol. If you intend to *SFTP*, you can use this Data Connector for SFTP. If *FTP/FTPS*, try to connect with [FTP Data Connector](#).
 - If you are using a firewall, check your accepted IP range/port. Server administrators sometimes change the default port number from TCP /22 for security reasons.
 - Be sure that your private key has an *OpenSSH* format. We don't support other formats like "PuTTY".
 - We do not support the default format of the private key since [OpenSSH 7.8](#). Please re-generate the key using '-m PEM' option.