

## Cloud Data Transfer Using RCLONE

Helen Wang - 2025-12-15 - [Research Systems](#)

Data Transfer from Decode Genetics Iceland using rclone

1. from the email link download liquidfiles ( excel which contains secret ID and code)

1. update it under /home/huan/.config/rclone/rclone.conf  
##rclone-1.55.1-1.el7.x86\_64 is installed in system as client

2. use command line to list the cloud concept

3. rclone ls s3-decode:

rclone lsd s3-decode:

rclone tree s3-decode:

rclone copy s3-decode:directory/ /local/destination/directory/ --progress

rclone move /local/directory/ [s3-decode:/directory-on-decode-storage/](#)

Liquidfiles is not an s3 client. Those are totally different protocols.

Liquidfiles was just to transfer the credentials to you :)

You need to use an s3 client to connect to [s3-ext.decode.is:10443](#). That's where you use the credentials.

There are multiple clients available:

- S3 client from amazon (aws cli)
- S3 client from google (gsutil)
- S3 client from microsoft (azure cli)
- 3rd party s3 clients (my favorite is rclone)
- S3 GUI browsers for smaller transfers that can run on a desktop/laptop computer like windows or mac

You can probably ask your IT helpdesk for assistance with getting an s3 client up and running. Maybe your company has a preferred client.

An example rclone config would look like this:

```
[s3-decode]
type = s3
provider = other
env_auth = false
endpoint = s3-ext.decode.is:10443
access_key_id = xxx
secret_access_key = xxx
```

After that I can use commands like:

```
rclone ls s3-decode:
```

```
rclone lsd s3-decode:
```

```
rclone tree s3-decode:
```

```
rclone copy s3-decode:directory/ /local/destination/directory/ --progress
```

```
rclone move /local/directory/ s3-decode:/directory-on-decode-storage/
```