

# ObjSpace: Sync with RClone

RClone is a command line synchronisation tool like Rsync but for connecting to cloud storage services such as ObjSpace. In this article, we're going to cover backing up and restoring files from a Linux host to Delimiter's ObjSpace.

## Installing RClone in 7 Steps

Step	Action	Centos / Redhat	Debian / Ubuntu	Description
1	Install Unzip	yum -y install unzip	apt-get -y install unzip	Unzip is required to unzip the binary version of RClone
2	Change to Home Directory	cd ~		
3	Download RClone binary	wget <a href="http://downloads.rclone.org/rclone-current-linux-amd64.zip">http://downloads.rclone.org/rclone-current-linux-amd64.zip</a>		
4	Unpack zip file	unzip rclone-current-linux-amd64.zip		
5	Change to RClone directory	cd rclone-v*-linux-amd64/		
6	Copy RClone to /usr/sbin	sudo cp rclone /usr/sbin/		
7	Generate basic configuration	cat >> ~/.rclone.conf << EOF [objspace] type = s3 access_key_id = YOURACCESSKEY secret_access_key = YOURSECRETKEY endpoint = <a href="https://obj.space/">https://obj.space/</a> region = other-v2-signature EOF		YOURACCESSKEY and YOURSECRETKEY are shown on the welcome email.  If your Secret Key has an escaped / ie \ (backslash then forward slash) then remove the backslash so just the forward slash is copied into the config.

## Using RClone

ObjSpace uses buckets and subdirectories within the buckets to store files. You can think of buckets like disks, its a way to create a degree of containment of your files. Bucket names are global, so if a customer uses the bucket name 'serverbackup' then no other customer may use that same name for a bucket, so try to be creative in your bucket naming.

Some people use their name as prefix for example: *turnerserverbackup* or use completely arbitrary names.

You can see what buckets you have in use on your account by running:

```
| rclone lsd objspace:
```

You can use an existing bucket or create a new, for this example I am going to create a bucket called *turnerserverbackup*:

```
| rclone mkdir objspace:turnerserverbackup
```

You can see the files inside a bucket with:

```
| rclone ls objspace:turnerserverbackup
```

## Copying files to ObjSpace using RClone

Time to copy some files - RClone has two options: Copy which just copies file changes from source to destination, or Sync which not only copies file changes, it deletes files on the destination if they are deleted on the source. The syntax is the same but a different command:

```
| rclone copy /home/myfiles objspace:turnerserverbackup/
```

or to Sync:

```
| rclone sync /home/myfiles objspace:turnerserverbackup/
```

Be careful when using sync rather than copy, if you are using rclone as a backup tool and accidentally delete a file on the source then the sync will wipe it from the destination too.

## Restoring files using RClone

The process is exactly the same as copying to ObjSpace except you swap the source and destination. The same caveat applies about the Copy and Sync command:

```
| rclone copy objspace:turnerserverbackup/myfiles /home/
```

or to Sync:

```
| rclone sync objspace:turnerserverbackup/myfiles /home/
```

## Summary

Before using RClone on any critical files, spend some time to get used to the commands. Its very easy to overwrite or delete your files, RClone is designed to be as automated as possible so it wont prompt you before deletion.

If you have any issues using ObjSpace then please open a support ticket.

## Related articles

- [ObjSpace: Configuring ownCloud](#)
- [ObjSpace: Configuring Seafile](#)
- [ObjSpace: Configuring Dropzone](#)
- [ObjSpace: Configuring Dropshare](#)
- [ObjSpace: Backup VestaCP \(Experimental\)](#)

10 resultados relacionados