

Backup data Dedicated Server

: Limitrack.com Link : <http://docs.limitrack.com/books/backup-data-dedicated-server>

- [Backup data](#) [Dedicated Server ?](#)
- [Backup data](#) [Dedicated Server](#) [?](#)
- [Software](#) [Backup data](#) [Opensource](#)
- [Backup data](#) [Rclone](#)
 - [Rclone](#) [Linux](#) [Google Drive](#)
- [Backup data](#) [Duplicati](#)
 - [Duplicati](#)

Backup data Server ?

Dedicated Server	Server	Server		
Limitrack Server	Dedicated Server	OS	Software	Data

(Backup data) ?

Ransomware , Virus ,

Backup data

Dedicated Server ?

- Dedicated Server
- - file/folder Harddrive Disk /
 - file/folder Personal Cloud Drive Dropbox , Google Drive , One Drive , B
 - file/folder Business Cloud Storage Amazon S3 , Azure Cloud Stc Backblaze B2 , Akamai Storage , SugarSync , FTP/SFTP , SMB Server

RAID

Backup data

RAID Disk (/) Disk Data

Disk RAID Ransomware Virus

Software B

Opensource

Opensource ?

Limitrack Software Opensource scale

Software Opensource Opensource

Software Backup data Opensouce

Limitrack Rsync , Duplicity , Duplicati , Duplicacy , Rclone , UrBackup , ...

Data / OS / Backup



Rsync

-
- resource
- Sync
- Sync data Server

- GUI (command)
- Linux (Windows)
- Backup Cloud Storage

duplicity

Encrypted bandwidth-efficient backup using the rsync algorithm

Duplicity

- resource
- Sync
- Sync data Server
- Backup Incremental
- Data Compression Bandwidth
- Backup Cloud Storage

- GUI (command)
- Linux (Windows)
- Backup file format Duplicity Backup
- Backup Restore Backup



Duplicati

- GUI (Web)
 -
 - Sync
 - Backup Incremental
 - Data Compression Bandwidth
 - Backup
 - Backup Cloud Storage
 - Windows
 - Backup
-
- Backup file format Duplicati Backup
 - Backup Restore Backup



Duplicacy

- GUI (Web)
-
- Sync
- Backup Incremental
- Data Compression Bandwidth
- Backup
- Backup Cloud Storage
- Windows
- Backup
- Lock-Free Deduplication

- Commercial

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Rclone

-
- resource
- Sync
- Backup Incremental
- Backup Cloud Storage
- Rsync Rclone Rsync Cloud Storage

- GUI (command) POSIX
- Linux (Windows)



UrBackup

UrBackup

- GUI (Web)
-
- Sync
- Backup Incremental
- Windows
- Backup

- Backup Cloud Storage
- Backup Client Server

- Rsync Linux Sync data Local Server
- Duplicity Linux Backup data Local Server
- Duplicati Linux/Windows Backup data Local Server Cloud Storag
- Duplicacy Linux/Windows Backup data Local Server Cloud Stora
- Rclone Linux Backup data Cloud Storage Command
- UrBackup Linux/Windows Backup data Server GUI

Backup data

Rclone

Backup data

Rclone

Rclone

Linux

- Debian 64 bit Data Source
- Google Drive Data Destination

Package

```
apt install sudo curl unzip
```

Rclone

```
curl -O https://downloads.rclone.org/rclone-current-linux-amd64.zip
unzip rclone-current-linux-amd64.zip
cd rclone-*-linux-amd64
sudo cp rclone /usr/bin/
sudo chown root:root /usr/bin/rclone
sudo chmod 755 /usr/bin/rclone
```

Rclone

```
rclone config
```

No remotes found, make a new one?

n) New remote

s) Set configuration password

q) Quit config

```
n/s/q> n
```

Enter name for new remote.

```
name> Gdrive
```

Option Storage.

Type of storage to configure.

Choose a number from below, or type in your own value.

Storage> 18

Option client_id.

Google Application Client Id

Setting your own is recommended.

See <https://rclone.org/drive/#making-your-own-client-id> for how to create your own.

If you leave this blank, it will use an internal key which is low performance.

Enter a value. Press Enter to leave empty.

client_id> XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Option client_secret.

OAuth Client Secret.

Leave blank normally.

Enter a value. Press Enter to leave empty.

client_secret> XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

scope> 1

Option service_account_file.

Service Account Credentials JSON file path.

Leave blank normally.

Needed only if you want use SA instead of interactive login.

Leading `~` will be expanded in the file name as will environment variables such as

`\${RCLONE_CONFIG_DIR}`.

Enter a value. Press Enter to leave empty.

service_account_file>

Edit advanced config?

y) Yes

n) No (default)

y/n> n

Use auto config?

* Say Y if not sure

* Say N if you are working on a remote or headless machine

y) Yes (default)

n) No

y/n> n

Option config_token.

For this to work, you will need rclone available on a machine that has a web browser available.

For more help and alternate methods see: https://rclone.org/remote_setup/
Execute the following on the machine with the web browser (same rclone version recommended):

```
rclone authorize "drive" "XXXXXXXXXXXXXXXXXXXXXXX"
```

Then paste the result.

Enter a value.

```
config_token> XXXXXXXXXXXXXXXXXXXXXXXX
```

Configure this as a Shared Drive (Team Drive)?

y) Yes

n) No (default)

```
y/n> n
```

Configuration complete.

Options:

- type: drive

- scope: drive

- team_drive:

Keep this "Gdrive" remote?

y) Yes this is OK (default)

e) Edit this remote

d) Delete this remote

```
y/e/d> y
```

Current remotes:

Name	Type
====	====
Gdrive	drive

e) Edit existing remote

n) New remote

d) Delete remote

r) Rename remote

c) Copy remote

s) Set configuration password

q) Quit config

```
e/n/d/r/c/s/q> q
```

List Google Drive

```
rclone ls remote:
```

Copy

Google Drive

```
rcclone copy /home/source remote:backup
```

Sync

Google Drive

```
rcclone sync /home/source remote:backup
```

Rclone

<https://rclone.org/commands/>

Backup data

Duplicati

Duplicati

Duplicati	Bakcup	File	Folder
	Duplicati		https://www
	Duplicati		
1.	Duplicati	"	"
2.	File/Folder		Backup
3.			
4.			
5.	"	"	
		Duplicati	https://www.duplicati.c