

腾讯云 OSS 迁移数据至首云 OSS

1、下载并安装 rclone 迁移工具

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

Rclone Download v1.54.1

Arch-OS	Windows	macOS	Linux	.deb	.rpm	FreeBSD	NetBSD	OpenBSD	Plan9	Solaris
Intel/AMD - 64 Bit										
Intel/AMD - 32 Bit		-								-
ARMv6 - 32 Bit	-	-						-	-	-
ARMv7 - 32 Bit	-	-						-	-	-
ARM - 64 Bit	-	-				-	-	-	-	-
MIPS - Big Endian	-	-				-	-	-	-	-
MIPS - Little Endian	-	-				-	-	-	-	-

You can also find a mirror of the downloads on GitHub.

Script download and install

To install rclone on Linux/macOS/BSD systems, run:

```
curl https://rclone.org/install.sh | sudo bash
```

For beta installation, run:

```
curl https://rclone.org/install.sh | sudo bash -s beta
```

Note that this script checks the version of rclone installed first and won't re-download if not needed.

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2、设置配置文件

2.1 命令行选择配置文件，执行 rclone config

```
root@debian:~# rclone config
```

```
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> n
```

```
name> tengxun
```

Type of storage to configure.

Enter a string value. Press Enter for the default ("").

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

1 / lFichier
 \ "fichier"
2 / Alias for an existing remote
 \ "alias"
3 / Amazon Drive
 \ "amazon cloud drive"
4 / Amazon S3 Compliant Storage Providers including AWS, Alibaba, Ceph,
Digital Ocean, Dreamhost, IBM COS, Minio, and Tencent COS
 \ "s3"
5 / Backblaze B2
 \ "b2"
6 / Box
 \ "box"
7 / Cache a remote
 \ "cache"
8 / Citrix Sharefile
 \ "sharefile"
9 / Compress a remote
 \ "compress"
10 / Dropbox
 \ "dropbox"
11 / Encrypt/Decrypt a remote
 \ "crypt"
12 / Enterprise File Fabric
 \ "filefabric"
13 / FTP Connection
 \ "ftp"
14 / Google Cloud Storage (this is not Google Drive)
 \ "google cloud storage"
15 / Google Drive
 \ "drive"
16 / Google Photos
 \ "google photos"
17 / Hadoop distributed file system
 \ "hdfs"
18 / Hubic
 \ "hubic"
19 / In memory object storage system.
 \ "memory"
20 / Jottacloud
 \ "jottacloud"

21 / Koofr
 \ "koofr"
22 / Local Disk
 \ "local"
23 / [Mail.ru](#) Cloud
 \ "mailru"
24 / Mega
 \ "mega"
25 / Microsoft Azure Blob Storage
 \ "azureblob"
26 / Microsoft OneDrive
 \ "onedrive"
27 / OpenDrive
 \ "opendrive"
28 / OpenStack Swift (Rackspace Cloud Files, Memset Memstore, OVH)
 \ "swift"
29 / Pcloud
 \ "pcloud"
30 / [Put.io](#)
 \ "putio"
31 / QingCloud Object Storage
 \ "qingstor"
32 / SSH/SFTP Connection
 \ "sftp"
33 / Sugarsync
 \ "sugarsync"
34 / Tardigrade Decentralized Cloud Storage
 \ "tardigrade"
35 / Transparently chunk/split large files
 \ "chunker"
36 / Union merges the contents of several upstream fs
 \ "union"
37 / Webdav
 \ "webdav"
38 / Yandex Disk
 \ "yandex"
39 / Zoho
 \ "zoho"
40 / http Connection
 \ "http"
41 / premiumize.me

```
\ "premiumizeme"  
42 / seafile  
\ "seafile"  
Storage> 4  
** See help for s3 backend at: https://rclone.org/s3/ **
```

Choose your S3 provider.

Enter a string value. Press Enter for the default ("").

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

```
1 / Amazon Web Services (AWS) S3  
\ "AWS"  
2 / Alibaba Cloud Object Storage System (OSS) formerly Aliyun  
\ "Alibaba"  
3 / Ceph Object Storage  
\ "Ceph"  
4 / Digital Ocean Spaces  
\ "DigitalOcean"  
5 / Dreamhost DreamObjects  
\ "Dreamhost"  
6 / IBM COS S3  
\ "IBMCOS"  
7 / Minio Object Storage  
\ "Minio"  
8 / Netease Object Storage (NOS)  
\ "Netease"  
9 / Scaleway Object Storage  
\ "Scaleway"  
10 / StackPath Object Storage  
\ "StackPath"  
11 / Tencent Cloud Object Storage (COS)  
\ "TencentCOS"  
12 / Wasabi Object Storage  
\ "Wasabi"  
13 / Any other S3 compatible provider  
\ "Other"
```

```
provider> 11
```

Get AWS credentials from runtime (environment variables or EC2/ECS meta data if no env vars).

Only applies if access_key_id and secret_access_key is blank.

Enter a boolean value (true or false). Press Enter for the default ("false").

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

```
1 / Enter AWS credentials in the next step
\ "false"
2 / Get AWS credentials from the environment (env vars or IAM)
\ "true"
env_auth> 1
AWS Access Key ID.
Leave blank for anonymous access or runtime credentials.
Enter a string value. Press Enter for the default ("").
access_key_id> AKID1qQsBU0eT8pSotqYLOYxB9rKYWLz26b1
AWS Secret Access Key (password)
Leave blank for anonymous access or runtime credentials.
Enter a string value. Press Enter for the default ("").
secret_access_key> 6dtTuAA3l5dz58ldzHQ4G1XmmWGmRqzt
Endpoint for Tencent COS API.
Enter a string value. Press Enter for the default ("").
Choose a number from below, or type in your own value
1 / Beijing Region.
\ "cos.ap-beijing.myqcloud.com"
2 / Nanjing Region.
\ "cos.ap-nanjing.myqcloud.com"
3 / Shanghai Region.
\ "cos.ap-shanghai.myqcloud.com"
4 / Guangzhou Region.
\ "cos.ap-guangzhou.myqcloud.com"
5 / Nanjing Region.
\ "cos.ap-nanjing.myqcloud.com"
6 / Chengdu Region.
\ "cos.ap-chengdu.myqcloud.com"
7 / Chongqing Region.
\ "cos.ap-chongqing.myqcloud.com"
8 / Hong Kong (China) Region.
\ "cos.ap-hongkong.myqcloud.com"
9 / Singapore Region.
\ "cos.ap-singapore.myqcloud.com"
10 / Mumbai Region.
\ "cos.ap-mumbai.myqcloud.com"
11 / Seoul Region.
\ "cos.ap-seoul.myqcloud.com"
12 / Bangkok Region.
\ "cos.ap-bangkok.myqcloud.com"
13 / Tokyo Region.
```

```
\ "cos.ap-tokyo.myqcloud.com"
14 / Silicon Valley Region.
\ "cos.na-siliconvalley.myqcloud.com"
15 / Virginia Region.
\ "cos.na-ashburn.myqcloud.com"
16 / Toronto Region.
\ "cos.na-toronto.myqcloud.com"
17 / Frankfurt Region.
\ "cos.eu-frankfurt.myqcloud.com"
18 / Moscow Region.
\ "cos.eu-moscow.myqcloud.com"
19 / Use Tencent COS Accelerate Endpoint.
\ "cos.accelerate.myqcloud.com"
endpoint> 1
```

Canned ACL used when creating buckets and storing or copying objects.

This ACL is used for creating objects and if bucket_acl isn't set, for creating buckets too.

For more info visit <https://docs.aws.amazon.com/AmazonS3/latest/dev/acl-overview.html#canned-acl>

Note that this ACL is applied when server-side copying objects as S3 doesn't copy the ACL from the source but rather writes a fresh one.

Enter a string value. Press Enter for the default ("").

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

1 / Owner gets Full_CONTROL. No one else has access rights (default).

```
\ "default"
```

2 / Owner gets FULL_CONTROL. The AllUsers group gets READ access.

```
\ "public-read"
```

/ Owner gets FULL_CONTROL. The AllUsers group gets READ and WRITE access.

3 | Granting this on a bucket is generally not recommended.

```
\ "public-read-write"
```

4 / Owner gets FULL_CONTROL. The AuthenticatedUsers group gets READ access.

```
\ "authenticated-read"
```

/ Object owner gets FULL_CONTROL. Bucket owner gets READ access.

5 | If you specify this canned ACL when creating a bucket, Amazon S3 ignores it.

```
\ "bucket-owner-read"
```

/ Both the object owner and the bucket owner get FULL_CONTROL over the object.

6 | If you specify this canned ACL when creating a bucket, Amazon S3 ignores

```

it.
\ "bucket-owner-full-control"
acl> 2
The storage class to use when storing new objects in Tencent COS.
Enter a string value. Press Enter for the default ("").
Choose a number from below, or type in your own value
1 / Default
\ ""
2 / Standard storage class
\ "STANDARD"
3 / Archive storage mode.
\ "ARCHIVE"
4 / Infrequent access storage mode.
\ "STANDARD_IA"
storage_class> 1
Edit advanced config? (y/n)
y) Yes
n) No (default)
y/n> n
Remote config
-----
[tengxun]
type = s3
provider = TencentCOS
env_auth = false
access_key_id = AKID1qQsBU0eT8pSotqYL0YxB9rKYWLz26b1
secret_access_key = 6dtTuAA3l5dz581dzHQ4G1XmmWGmRqzt
endpoint = cos.ap-beijing.myqcloud.com
acl = public-read
-----
y) Yes this is OK (default)
e) Edit this remote
d) Delete this remote
y/e/d> y

```

2.2 或者编辑 vim ./config/rclone/rclone.conf

```
[tengxun]
type = s3
provider = TencentCOS
env_auth = false
access_key_id = AKID1qQcBU0eT8pSotqYL0Yg9rKYWLz26b1
secret_access_key = 6dtTuAA315dz581dzHQ4G1XmmWGmRqzt
endpoint = cos.ap-beijing.myqcloud.com
acl = public-read
```

```
[gicremote]
type = s3
provider = Other
env_auth = false
access_key_id = 0af07126e1ef5d5ca9xxxxx
secret_access_key = 07454daaf4bc503399xxxxx
region = other-v2-signature
endpoint = oss-cn-beijing-01.cdsjss.com
acl = public-read
bucket_acl = public-read
chunk_size = 10M
upload_concurrency = 2
v2_auth = true
```

```
[tengxun]
type = s3
provider = TencentCOS
env_auth = false
access_key_id = AKID1qQsBU0eT8pSotqYL0Yxxxxx
secret_access_key = 6dtTuAA315dz581dzHQ4G1Xmxxxxx
endpoint = cos.ap-beijing.myqcloud.com
acl = public-read
```

3、验证配置是否正确

验证 AWS: `rclone ls tengxun:ddw-1302533319`

tengxun:配置文件 remote 名称

ddw-1302533319: 腾讯云对象存储桶名称

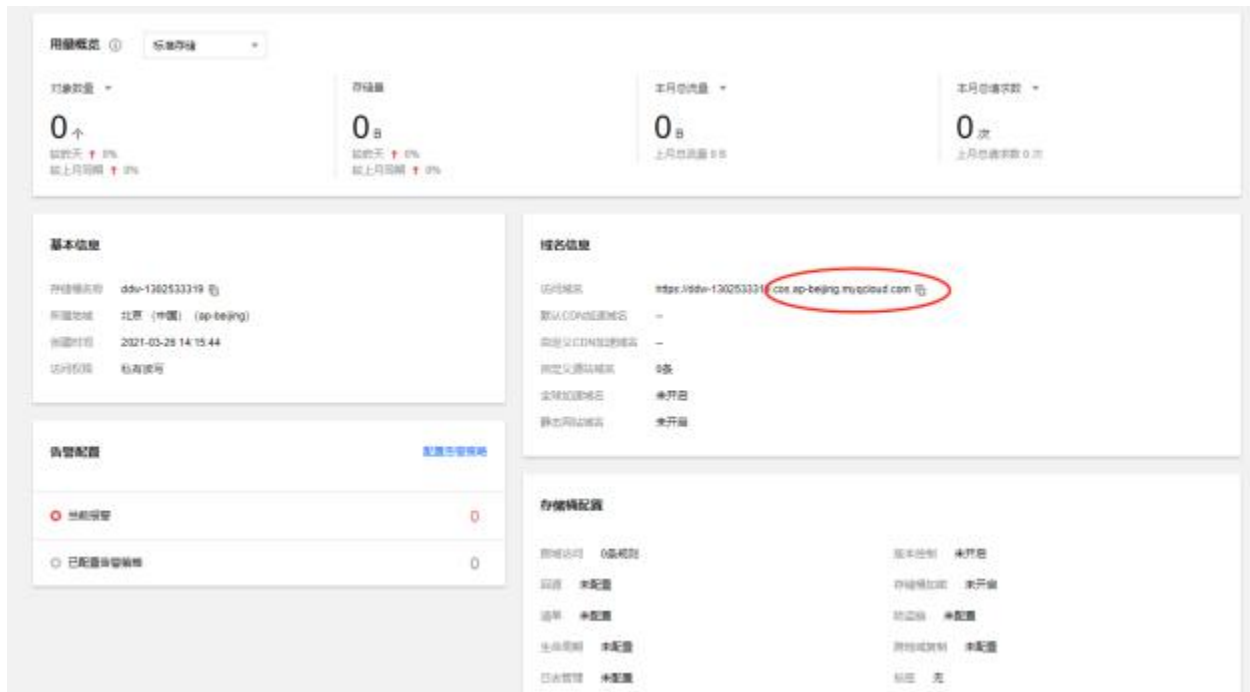
阿里首都在线: `rclone ls gicremote:demo-test`

4、执行数据迁移

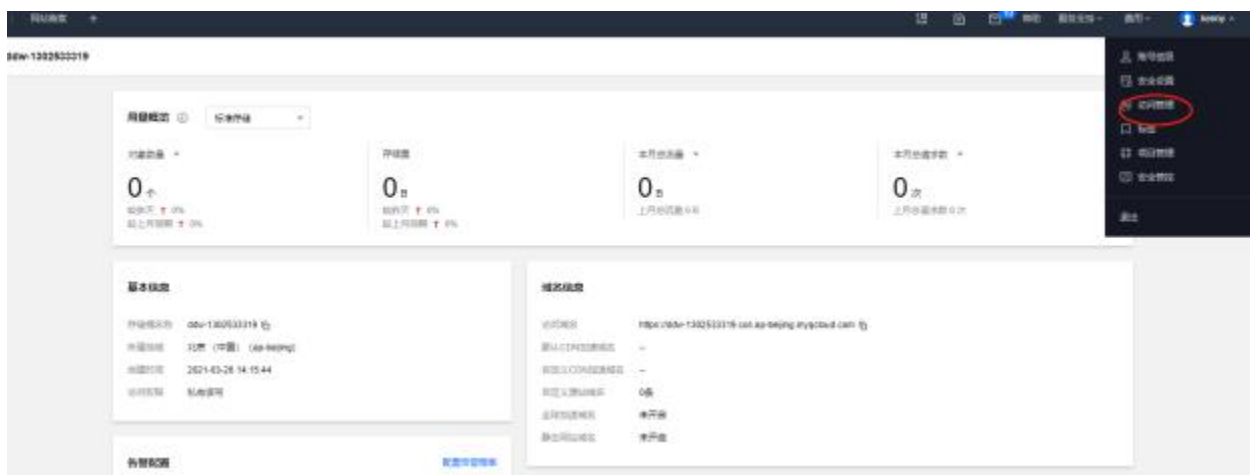

```
rclone copyto tengxun:ddw-1302533319 gicremote:demo-test
```

附：

1、查看腾讯云对象存储 endpoint 信息：



2、查看腾讯云对象存储 access_key_id 信息



请输入密钥名称进行查询		创建密钥				
密钥名称	AK	SK	所属资源	状态	创建时间	操作
oss-secret	U4tZ71Zba1eF5dScd7fa7b27ab3e0e18	请去管理	无资源	可用	2020-06-16 09:48:59	查看详情 删除
oss1	f4b571300eeb5493b19c8de3c7cc1f1	请去管理	无资源	可用	2020-06-15 12:59:00	查看详情 删除