

阿里云 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
```

```
Current remotes:
```

```
Name Type
```

```
====
```

```
aliyun s3
```

```
aliyuntest s3
```

```
gicremote s3
```

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> aliyunremote
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> 2
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> 1111
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> 2222
Endpoint for OSS API.
Enter a string value. Press Enter for the default ("").
Choose a number from below, or type in your own value
1 / East China 1 (Hangzhou)
\ "oss-cn-hangzhou.aliyuncs.com"
2 / East China 2 (Shanghai)
\ "oss-cn-shanghai.aliyuncs.com"
3 / North China 1 (Qingdao)
\ "oss-cn-qingdao.aliyuncs.com"
4 / North China 2 (Beijing)
\ "oss-cn-beijing.aliyuncs.com"
5 / North China 3 (Zhangjiakou)
\ "oss-cn-zhangjiakou.aliyuncs.com"
6 / North China 5 (Huhehaote)
\ "oss-cn-huhehaote.aliyuncs.com"
7 / South China 1 (Shenzhen)
\ "oss-cn-shenzhen.aliyuncs.com"
8 / Hong Kong (Hong Kong)
\ "oss-cn-hongkong.aliyuncs.com"
9 / US West 1 (Silicon Valley)
\ "oss-us-west-1.aliyuncs.com"
```

```
10 / US East 1 (Virginia)
\ "oss-us-east-1.aliyuncs.com"
11 / Southeast Asia Southeast 1 (Singapore)
\ "oss-ap-southeast-1.aliyuncs.com"
12 / Asia Pacific Southeast 2 (Sydney)
\ "oss-ap-southeast-2.aliyuncs.com"
13 / Southeast Asia Southeast 3 (Kuala Lumpur)
\ "oss-ap-southeast-3.aliyuncs.com"
14 / Asia Pacific Southeast 5 (Jakarta)
\ "oss-ap-southeast-5.aliyuncs.com"
15 / Asia Pacific Northeast 1 (Japan)
\ "oss-ap-northeast-1.aliyuncs.com"
16 / Asia Pacific South 1 (Mumbai)
\ "oss-ap-south-1.aliyuncs.com"
17 / Central Europe 1 (Frankfurt)
\ "oss-eu-central-1.aliyuncs.com"
18 / West Europe (London)
\ "oss-eu-west-1.aliyuncs.com"
19 / Middle East 1 (Dubai)
\ "oss-me-east-1.aliyuncs.com"
```

endpoint> 3

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).

```
\ "private"
```

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 OSS.

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.  
\ "GLACIER"  
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

```
-----  
[aliyunremote]  
type = s3  
provider = Alibaba  
env_auth = false  
access_key_id = xxxxxx  
secret_access_key = xxxxxx  
endpoint = oss-cn-qingdao.aliyuncs.com  
acl = public-read
```

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

```
[gicremote]
type = s3
provider = Other
env_auth = false
access_key_id = 0af07126e1ef5d5caxxxx
secret_access_key = 07454daaf4bc50339xxxxx
region = other-v2-signature
endpoint = oss-cn-bj01.cdsgss.com
acl = public-read
bucket_acl = public-read
chunk_size = 10M
upload_concurrency = 2
v2_auth = true

[aliyuntest]
type = s3
provider = Alibaba
env_auth = false
access_key_id = LTAI5tFKchfvxxx
secret_access_key = TYzhEyd0ktHIPjHxxx
endpoint = oss-cn-beijing.aliyuncs.com
acl = public-read
bucket_acl = public-read
```

```
[gicremote]
type = s3
provider = Other
env_auth = false
access_key_id = 0af07126e1ef5d5caxxxx
secret_access_key = 07454daaf4bc50339xxxxx
region = other-v2-signature
endpoint = oss-cn-bj01.cdsgss.com
acl = public-read
bucket_acl = public-read
chunk_size = 10M
upload_concurrency = 2
v2_auth = true
```

```
[aliyuntest]
type = s3
provider = Alibaba
env_auth = false
access_key_id = LTAI5tFKchfvxxx
secret_access_key = TYzhEyd0ktHIPjHxxx
endpoint = oss-cn-beijing.aliyuncs.com
acl = public-read
bucket_acl = public-read
```

3、验证配置是否正确

验证阿里: rclone ls aliyuntest:kuangbao

aliyuntest 配置文件 remote 名称

kuangbao 对象存储桶名称

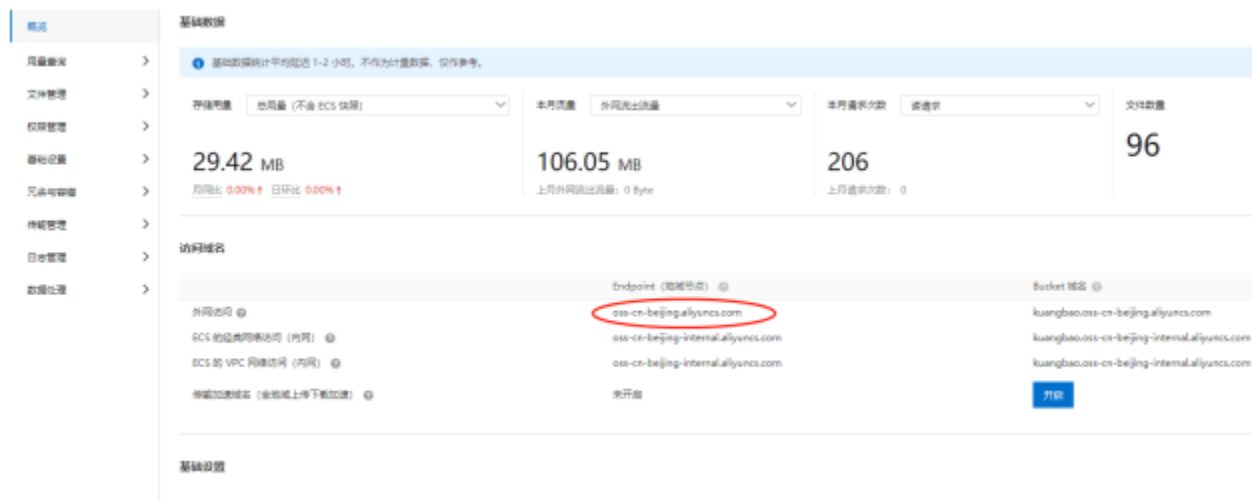
阿里首都在线: `rclone ls gicremote:demo-test`

4、执行数据同步

`rclone copyto aliyuntest:kuangbao gicremote:demo-test`

附:

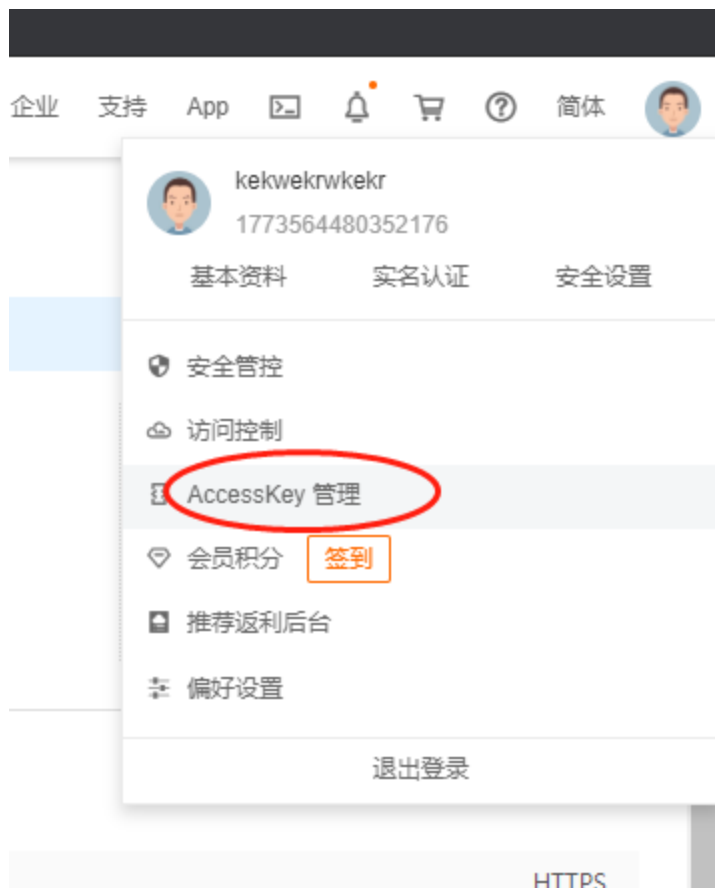
1、查看阿里云对象存储 endpoint 信息:



The screenshot displays the 'Basic Information' (基础数据) section of an OSS bucket. It shows storage usage of 29.42 MB and 106.05 MB, with 206 objects and 96 files. Below this, the 'Endpoint Information' (访问域名) table lists various endpoints, with 'oss-cn-beijing.aliyuncs.com' circled in red.

Endpoint (地域节点)	Bucket 域名
oss-cn-beijing.aliyuncs.com	kuangbao-oss-cn-beijing.aliyuncs.com
oss-cn-beijing-internal.aliyuncs.com	kuangbao-oss-cn-beijing-internal.aliyuncs.com
oss-cn-beijing-internal.aliyuncs.com	kuangbao-oss-cn-beijing-internal.aliyuncs.com
未开启	未开启

2、查看阿里云对象存储 access_key_id 信息



3、查询首云对象存储 endpoint 信息:



4、查询首云对象存储 access_key_id 信息:

对象存储

创建实例 创建空间 **管理实例**

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全部 刷新

- 北京五 | 地域ID: oss-cn-gz-01.oss-cn-gz.com
- 法兰克福 | 地域ID: oss-cn-fra-01.oss-cn-fra.com
- 达拉斯 | 地域ID: oss-us-dal-01.oss-us-dal.com

请输入关键词进行搜索

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实例名称	AK	SK	所在地	状态	创建时间	操作
oss-secret	IAE27128e1ef5d5ca97a7627a3-20200615	IAE27128	北京五 法兰克福 达拉斯	可用	2020-06-15 09:48:59	查看详情 删除
oss1	F4b571300eb5490b10cbde3c7cc1fc1	IAE27128	北京五 法兰克福 达拉斯	可用	2020-06-15 12:59:00	查看详情 删除