

GO 版本 S3 windows 环境部署手册

一、下载

官网下载地址: <https://www.yottachain.io/>

点击首页顶部菜单的“下载”或“开始使用”，选择 windows 的 GO_s3 客户端下载。

二、安装并启动

1. 下载解压之后得到 s3 的文件夹，使用管理员权限打开命令行窗口，进入 s3 的文件夹，执行安装命令 `YTS3_Windows.exe install`

```
D:\yts3\GO_YTS3_Windows>YTS3_Windows.exe install
I: 10:47:17 Path:YTS3_Windows.exe
I: 10:47:17 Install OK.
```

2. 安装成功后，执行命令 `YTS3_Windows.exe start`

```
D:\yts3\GO_YTS3_Windows>YTS3_Windows.exe start
I: 10:48:12 Path:YTS3_Windows.exe
I: 10:48:12 Start OK.
```

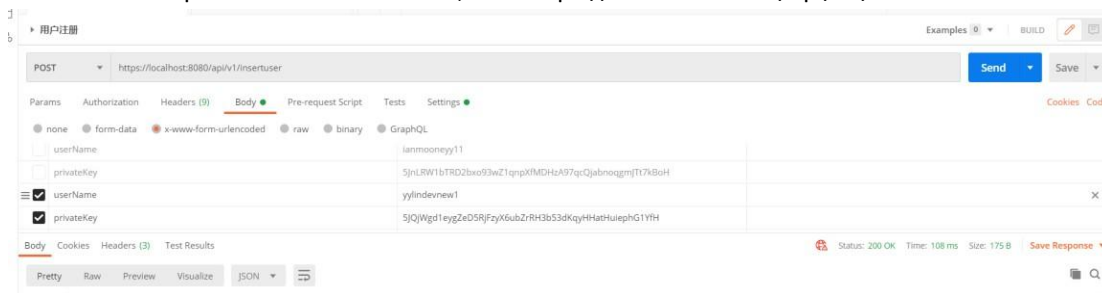
在任务管理器看到 yts3 的进程为正在运行，说明 s3 已经成功启动。

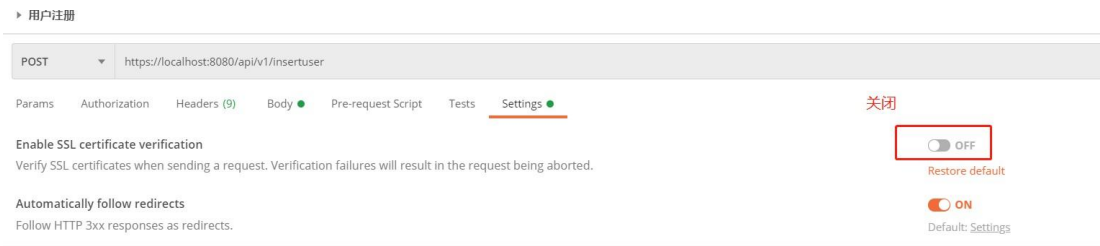


三、设置连接

1. 安装成功后 s3 需要注册账户才能连接工具使用:

使用 postman 请求接口注册,url: <https://localhost:8080/api/v1/insertuser>





用户注册成功后返回 `"status": "Register success testuser1yy1"`，则注册成功



2. 注册成功后设置 s3browser 连接

点击“Account”->“Add new account..”

Account name:可以随意设置

Account Type: 设置为 S3 Compatible Storage


REST Endpoint: 设置为 s3 服务器 ip

Signature Version: 设置为 Signature V4

Access Key ID: 设置为账户公钥

Secret Access Key: 设置为账户密钥

最下方勾选使用 SSL

**Edit Account** [online help](#)

Edit account details and click Save changes

Account Name:

Assign any name to your account.

Account Type:

Choose the storage you want to work with. Default is Amazon S3 Storage.

REST Endpoint:

Specify S3-compatible API endpoint. It can be found in storage documentation. Example: rest.server.com:8080

Signature Version:

Choose the supported signature version. Default value is Signature V2.

Access Key ID:

Required to sign the requests you send to Amazon S3, see more details at <https://s3browser.com/keys>

Secret Access Key:

Required to sign the requests you send to Amazon S3, see more details at <https://s3browser.com/keys>

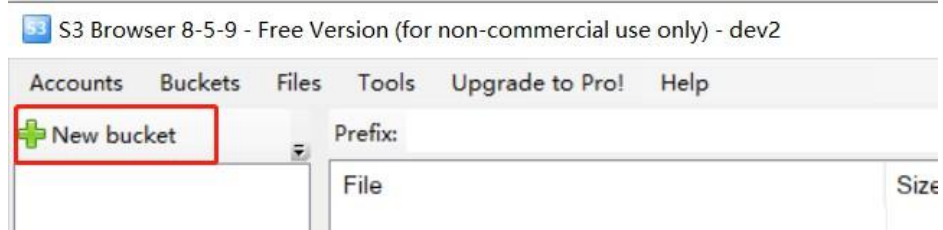
Encrypt Access Keys with a password:

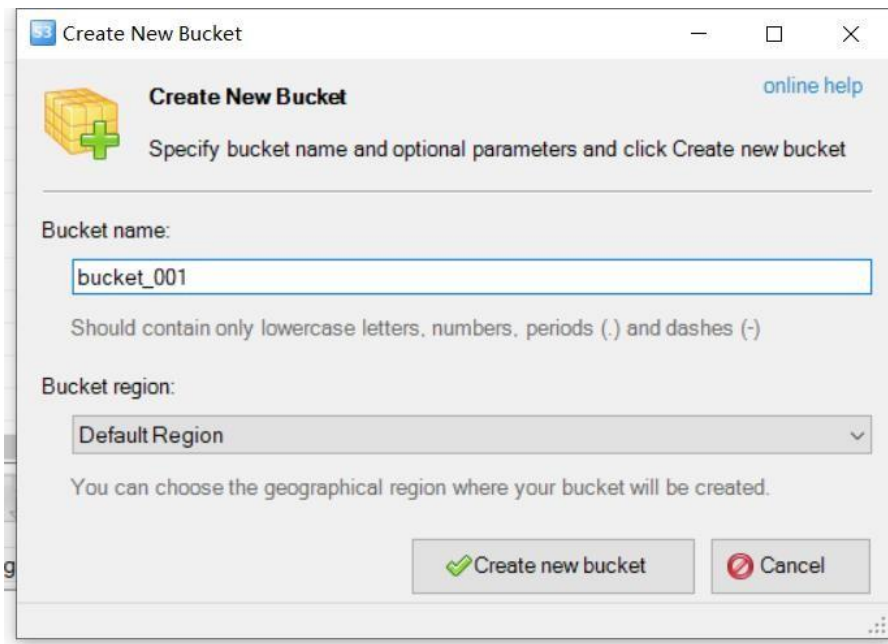
Turn this option on if you want to protect your Access Keys with a master password.

Use secure transfer (SSL/TLS)
If checked, all communications with the storage will go through encrypted SSL/TLS channel

[Click here to sign up for Amazon S3.](#)

3. 设置连接成功后，创建 bucket





创建成功后可以上传文件。

若提示连接已断开，账户是否注册成功，s3browser 连接设置是否填写正确。

上传文件过程中，若 s3browser 退出或服务停止，可重启服务并注册用户，进行续传。

四、多用户使用说明

为了方便说明，使用 linux 服务器安装并启动 S3 服务，在 windows 环境分别注册不同的用户连接服务器并上传文件。

一、启动 S3 服务

1. 选择一台机器安装并启动 S3 服务。

```
[root@nm-yaceji02 bin]# ./yts3.sh install
YTFS_HOME:/mnt/G0_YTS3_Linux
I: 14:59:41 Path:./YTS3
I: 14:59:41 Install OK.
[root@nm-yaceji02 bin]# systemctl start yts3.service
```

2. 注册多个用户，有两种方式：

① 在 linux 安装服务器后使用命令行注册多个用户。

```
[root@localhost /]# curl -XPOST -k "https://localhost:8080/api/v1/insertuser?userName=yylind
evnew1&privateKey=5J0jWgdleygZeD5RjFzyX6ubZrRH3b53dKqyHHatHueiphG1YfH"
{"Msg":"Register success yylindevnew1","status":200}[root@localhost /]#
[root@localhost /]# curl -XPOST -k "https://localhost:8080/api/v1/insertuser?userName=testus
ernew3&privateKey=5HrjDv8NCeuAvSuVMMPtfxQJxBMxqFHb3tjWPT8tZfuYVogRnua"
{"Msg":"Register success testusernew3","status":200}[root@localhost /]#
```

② 在两台 windows 环境的机器上分别注册用户。请求接口 ip 为 S3 服务器 ip。

用户 1:

POST 用户上传

POST 用户上传

▶ 用户注册

POST https://117.161.72.93:8080/api/v1/insertuser

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

none form-data **x-www-form-urlencoded** raw binary GraphQL

KEY	VALUE	DESCRIPTION
<input type="checkbox"/> userName	testuserlyy1	
<input type="checkbox"/> privateKey	5KeNbjgdYF2kHmHBG4w7eym7yKfZiU9p47Z4ZLjgdfxmkzK...	
<input checked="" type="checkbox"/> userName	ianmooney11	

Body Cookies Headers (3) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON

```

1 {
2   "Msg": "Register success ianmooney11",
3   "status": 200
4 }
```

用户 2:

▶ 用户注册

POST https://117.161.72.93:8080/api/v1/insertuser

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

none form-data **x-www-form-urlencoded** raw binary GraphQL

KEY	VALUE	D
<input checked="" type="checkbox"/> userName	testuserlyy1	
<input checked="" type="checkbox"/> privateKey	5KeNbjgdYF2kHmHBG4w7eym7yKfZiU9p47Z4ZLjgdfxmkzK...	
<input type="checkbox"/> userName	ianmooney11	

Body Cookies Headers (3) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON


```

1 {
```

二、分别配置连接

两台 windows 服务器分别设置连接，设置与单用户相同，填写 S3 服务器 ip 以及对应的秘钥

Edit Account online help

 **Edit Account**
Edit account details and click Save changes

Account Name:

Assign any name to your account.

Account Type:

Choose the storage you want to work with. Default is Amazon S3 Storage.

REST Endpoint: S3服务器ip

Specify S3-compatible API endpoint. It can be found in storage documentation. Example: rest.server.com:8080

Signature Version:

Choose the supported signature version. Default value is Signature V2.

Access Key ID:

Required to sign the requests you send to Amazon S3, see more details at <https://s3browser.com/keys>

Secret Access Key:

Required to sign the requests you send to Amazon S3, see more details at <https://s3browser.com/keys>

设置成功后可以上传、下载文件，与单用户相同。