GO 版本 S3 windows 环境部署手册

一、下载

官网下载地址: <u>https://www.yottachain.io/</u> 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。

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文件(<u> </u>)选	项(<u>O)</u> 查看(<u>V</u>)									
进程	性能	应用历史记录	启动	用户	详细信息	服务					
名称		V.		PID	描述			状态	组		^
🤹 yts	3			428	go yts:	3 serv	ice	正在运行 🤞			
🗞 Xb	oxNe	tApiSvc			Xbox L	ive 🕅	络服务	已停止	nets	VCS	
🔍 Xb	oxGip	Svc			Xbox A	Acces	sory Management Ser	已停止	nets	VCS	

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		Examples 0 💌 BUILD 🥒 🗒
POST * https://localhost:8080/api/v1/insertuser		Send 👻 Save 👻
Params Authorization Headers (9) Body ● Pre-request Sc 	ript Tests Settings any GraphQL	Cookies Code
userName	lanmooneyy11	
privateKey	5JnLRW1bTRD2bxo93wZ1qnpXfMDHzA97qcQjabnoqgmJTt7kBoH	
≡ 🗹 userName	yylindevnew1	×
PrivateKey	5 JQ JW gd1 eyg ZeDS R JFz y X 6 ub Zr R H 3 b S 3 d K q y H H at Huleph G 1 Y f H S S 3 d K q y H H at Huleph G 1 Y f H S S 3 d K q y H A K A S S 3 d K q	
Body Cookies Headers (3) Test Results		Status: 200 OK Time: 108 ms Size: 175 8 Save Response *
Pretty Raw Preview Visualize JSON * ==		Q

▶ 用户注册	
POST • https://localhost:8080/api/v1/insertuser	
Params Authorization Headers (9) Body Pre-request Script Tests Settings	关闭
Enable SSL certificate verification Verify SSL certificates when sending a request. Verification failures will result in the request being aborted.	Restore default
Automatically follow redirects	ON
Follow HTTP 3xx responses as redirects.	Default: Settings

用户注册成功后返回 "status": "Register success testuserlyy1",则注册成功

Body Cook	ies He	aders (3)	Test Results		
Pretty	Raw	Preview	Visualize	JSON 🔻	<u> </u>
1 { 2 3 4 }	"Msg": "statu	"Register s": 200	success yyl:	indevnew1",	

 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: 设置为账户秘钥 最下方勾选使用 SSL



Edit Account

Edit account details and click Save changes

Account Name:

anmooneyy11

Assign any name to your account.

Account Type:

S3 Compatible Storage

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

REST Endpoint:

localhost8083

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

Signature Version: Signature V4

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

Access Key ID:

YTA5ESq7wZMs2f83sRoAXzB8nsWotKMYeG2CRn7MmmAWPiwYfTHfU

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..

Save changes

Cancel

online help

~

3. 设置连接成功后,创建 bucket

 Image: S3 Browser 8-5-9 - Free Version (for non-commercial use only) - dev2

 Accounts
 Buckets
 Files
 Tools
 Upgrade to Pro!
 Help

 Image: Prefix:
 Image: Prefix:
 File
 Size

Create	New Bucket						>
	Create New B	ucket				online	hel
C.	Specify bucket	name and o	optional parameters	and click C	reate	new buc	ket
lucket na	ame:						
bucke	et_001						
buck	et_001 d contain only low	ercase lette	ers, numbers, period	ls (.) and da	ashes	(-)	
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bucket Should Bucket re Defau You ca	et_001 d contain only low gion: ult Region an choose the geo	ercase lette ographical n	ers, numbers, period egion where your bu	Is (.) and da ucket will be bucket	e creat	(-) ted.	

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。

<pre>[root@localhost /]# curl -XPOST -k "https://localhost:8080/api/v1/insertuser?userName=yylind</pre>
evnew1&privateKey=5JQjWgd1eygZeD5RjFzyX6ubZrRH3b53dKqyHHatHuiephG1YfH"
<pre>{"Msg":"Register success yylindevnew1","status":200}[root@localhost /]#</pre>
<pre>[root@localhost /]# curl -XPOST -k "https://localhost:8080/api/v1/insertuser?userName=testus</pre>
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	er	
arams Authorization Headers (9) Body • Pr	re-request Script Tests Settings	
🖲 none 🔍 form-data 🛛 🖲 x-www-form-urlencoded 🔍 r	raw 🌑 binary 🜑 GraphQL	
KEY	VALUE	DESCRIPTION
userName	testuserlyy1	
privateKey	5KeNbJgdYF2kHmHBG4w7eym7yKfZiU9p47Z4ZLjgdfxmkzK	
vserName	lanmooneyy11	
dy Cookies Headers (3) Test Results	¢3	Status: 200 OK
<pre>1 【 2 "Msg": "Register success ianmooneyy11", 3 "status": 200 4 】 </pre>		
1 2 3 3 3 1 户 2: ▶ 用户注册		
1 / ***********************************	insertuser	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	insertuser Pre-request Script Tests Settings	
1 (2) 3) 4))))))))))))))	Insertuser Pre-request Script Tests Settings d • raw • binary • GraphQL	
1 ************************************	nsertuser Pre-request Script Tests Settings d • raw • binary • GraphQL VALUE	
1 Image: "Register success ianmooneyy11", "status": 200 3 Image: "status": 200 1 D 2: Image: "status": 200 Image: Im	Insertuser Pre-request Script Tests Settings d • raw • binary • GraphQL VALUE testuserlyy1	
1 ************************************	Insertuser Pre-request Script Tests Settings d • raw • binary • GraphQL VALUE testuserlyy1 5KeNbJgdYF2kHmHBG4w7eym7yKfZiU9p47Z4	ZLjgdfxmkzK.

二、分别配置连接

Pretty

1 {

Raw

Preview

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

Visualize JSON • 📮

53	Edit Account	
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Edit Account
Edit account d

Edit account details and click Save changes

Account Name:

dev2

Assign any name to your account.

Account Type:

S3 Compatible Storage

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

REST Endpoint: S3服务器ip

117.161.72.94 8083

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

Signature Version:

Signature V2

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

Access Key ID:

YTA6gWT3kqwy1XpqMemauy8th9EbpZ2cgtSmHpFuXsqAD5YpMBpQQ

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。

X

online help