

# **AntProxy Manual for Windows**

#### Note:

- 1. To use this software, please first download it from "Tools" webpage in AntPool. Download link: https://www.antpool.com/download.htm?m=tools
- 2. It is recommended to use windows 10 64bit to run this software.
- 3. Currently this software is only applicable to BTC/BCH mining.

## Software Introduction

- 1. This software is developed for big mining farm with high hash rate
- 2. AntProxy configuration requirements:
  - $\star$  for less than 10,000 miners the recommended configurations are: CPU i5 or above, more than 8G memory space, windows 10 system
  - $\star$  for more than 10,000 miners the Linux version is recommended (If you need to use Linux version, please contact our customer service for assistance)
- 3. This software solves the problem of low communication efficiency between mining farm and AntPool, saves bandwidth and stabilizes the connection.

## Instructions for Use

- 1. Preparation: modify the system registry
  - 1> [Press shortcut key WIN+R to open "Run" and input "regedit" to enter the registry:

e	Run ×
	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	regedit v
	OK Cancel Browse

2> Go to HKEY\_LOCAL\_MACHINESYSTEM\SYSTEM\CurrentControlSet\Services\Tcpip\Parameters. Find the EnableConnectionRateLimiting key from the right panel, and change the value to empty.



📑 注册表编辑器			-	$\times$
文件(E) 编辑(E) 查看(V) 收藏夹(A) 帮助(H	)			
计算机\HKEY_LOCAL_MACHINE\SYSTEM\Cur	rentControlSet\Services\Tcpip\Paramet	ers		
> 📙 storufs 🔷 🔨	名称	类型	数据	1
> 📙 storvsc	ab (默认)	REG SZ	(数值未设置)	
> svsvc	ab DataBasePath	REG_EXPAND_SZ	%SystemRoot%\System32\drivers\etc	
> 📕 swenum	ab DhcpDomain	REG_SZ	bitmain-inc.com	
> swprv	ab DhcpNameServer	REG_SZ	10.30.57.1	
Synthedistri	ab Domain	REG_SZ	bitmain-inc.com	
SynTP	ab EnableConnectionRateLimiting	REG_SZ		
SynTPEnhService	EnableICMPRedirect	REG_DWORD	0x0000001 (1)	
> SysMain	ForwardBroadcasts	REG_DWORD	0x0000000 (0)	
> SystemEventsBroker	ab HostName	REG_SZ	SunYanNa	
> 📙 TabletInputService	ab ICSDomain	REG_SZ	mshome.net	
> 📜 TapiSrv	ab IGMPLevel	REG_SZ	2	
V 📙 Tcpip	ab IGMPVersion	REG_SZ	3	
Linkage	ab IPAutoconfiguration Mask	REG_SZ	0.0.0.0	
> Parameters	IPAutoconfigurationSubnet	REG_SZ	0.0.0.0	
- Performance	10 IPEnableRouter	REG_DWORD	0x00000000 (0)	
ServiceProvider	ab NameServer	REG_SZ		
	赴 NV Domain	REG_SZ	bitmain-inc.com	- J.
> TCPIP6TUNNEL	ab NV HostName	REG_SZ	SunYanNa	
tcpipreg	ab SearchList	REG_SZ		- 11
<pre></pre>	ByncDomainWithMembership	REG_DWORD	0x00000001 (1)	

If the EnableConnectionRateLimiting key cannot be found, right-click on the blank to create a new "string value", name it "EnableConnectionRateLimiting", and leave the value empty;



2. Double-click the installation file to start AntProxy\_Launcher.exe. Do not close the startup window that pops up. Otherwise, the agent will be closed and you will not be able to log in to the software webpage.

AntProxy Manual_for_linux.docx	2018/11/16 15:49	Microsoft Word 文档	1,942 KB
AntProxy.exe double click to open	2018/11/16 16:20	应用程序	20,123 KB
AntProxy_Launcher.exe	2018/11/16 15:51	应用程序	22,190 KB
antproxy_redis.exe	2018/11/16 16:20	应用程序	1,628 KB
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N 📉 C:\Users\yanna.sun\Uesktop\创 池教程\AntProxy教程-元战\Antproxy_windows\AntProxy_Launcher.exe	_	
Starting Redis C:\Users\y, `\Desktop\		
Starting Proxy Admin listening on :3000	'UDI "	
<pre>[into] Received message to start pool: { ID :1, Port :3333, ContractID :null, Coin : , HashrateUnit : , antpool.com:3333", "Username": "antminer", "Password": "x", "Pool2": {"URL": "", "Username": "", "Password": ""}, "Pool "Username": "" "Password": ""}}</pre>	0RL 013'':	: stra {″URL″
[info] Received message to start pool: {"ID":2, "Port":1111, "ContractID":null, "Coin":"", "HashrateUnit":"", " antpool.com:444", "Username":"Syn1124", "Password":"1a.", "Pool2":{"URL":"", "Username":"", "Password":""}, "Po	URL″ 13″:	:″stra {″URL″
"Username":"", "Password":""}} [info] [AntProxy] Listening at :3333 with btc		
[info] Connecting pool 0xc00013c700: url: stratum.antpool.com:3333, username: antminer, password: x [info] [AntProxy] Listening at :1111 with btc		
linfol Connecting pool 0xc0005782a0. url: stratum antpool com:444 username: Svn1124 password: la		

3. log in to the software webpage

1> the login IP of the software is the local network IP: 3000, for example: http://168.0.0.1:3000
 Enter this IP in the address bar of your browser, you can then log in without a user password.
 Local LAN IP query method: [Press the shortcut key WIN+R to open the "Run", and type ipconfig] to query;

4. Software interface and how to add new proxy

Interface after login:

Updated At 2018-08-24 17:57:00						?
0 Remote	e Hashrate (TH/s)	0% Succes	ss Rate	Hashrate Charts		
0 Hashrate (TH/s)	0 Hourly (TH/s)	0 Daily (TH/s)	0 / 0 Miners			

On the [AntProxy] page, click the button "+" at the right side to add a proxy address.

0 / 0 Miners					
				search add proxy addre	
SubAccount Name ♦	Hashrate 🔶	Miners 🔶	Success Rate	State	Actions



# **Proxy Setting**

Proxy	Address	elect four digits be	tween "1000-9999"
3333	,	cicci cui cigito pe	
Pool		full stratum a	ddress of AntPool
strate	um.antpool.com:33	333	
SubA	ccount Name must iner.3335	be consistent with ool sub account	worker name registered under
Passv	word (optional)	Include letters,	number and common symbols
opti	onal, arbitrary fill	-in	
click "say	ve" and run manu	ually 🔪	click "save and run'
	Cancel	Save	Save and Run

- ★Proxy address(port): For example, if the proxy address is 192.168.120.89:3333, 3333 is then the proxy port. you can arbitrarily select four digits from "1000-9999". If the selected port is occupied by other devices, please try to input another port number.
- ★Pool: Fill in a complete pool address, like AntPool mining address:
  - Pool 1: stratum.antpool.com: 3333
  - Pool 2: stratum.antpool.com: 443
  - Pool 3: stratum.antpool.com: 25
- $\star$ Sub-account name: must be consistent with the sub-account name registered in Antpool
- ★Password: Optional, composed of letters and numbers
- ★ Save: After the configuration is saved, the proxy address will be automatically displayed in the proxy list. You need to start the data transmission manually.
- $\star$ Save and run: save the new proxy address and start the data transmission at the same time
- 5. Miner Configuration

After the proxy port has been configured, you can start to set up miners. For example, if the proxy port is: 192.168.120.89:3335. Then the URL of miner backstage could be configured as in below screenshot. After the configuration is complete, click "save and run".



tem Miner Conf	iguration Miner Status Network	
er General Co	nfiguration	
Pool 1		
URL	proxy address 代理地址端口	► <u>192.168.120.89: 3335</u>
Worker	sub account 子账户 🦲	→ antminer_1
Password		123
Pool 2		
URL		stratum.antpool.com:3333
Worker		antminer.1
Password 建议	第二和第三个填写为正常的矿池地址,	123
Pool 3 ··································	代理出现故障时影响收益	
URL recomm	nended to fill in normal AntPoo	stratum.antpool.com:443
Workerstratum	address in case there is issue	antminer_1
with pro	оху	[123]

6. After the miner is running normally, you could check data accordingly on AntProxy interface.



Proxies (2)					Q	$\oplus$
Proxy Address 🔶	Pool 🗢	SubAccount Na me  ✦	Hashrate 🔶	Miners 🔶	Success Rate 🔶	Sta
·:3333	stratum.antpool.com:3333	antpool			<b>-</b> 0.00%	Disat
(7.8.9.2):3335	stratum.antpool.com:3333	antminer		-	- 0.00%	
proxy address	pool address					



## Interface Introduction

1. Language switch (Chinese & English)

ANTProxy	EN 🔶 language switch	
Remote Hashrat	English 简体中文 e (TH/s)	0% Success Rate

### 2. Hash rate data:

Remote Hashrate: Hash rate of all miners connected through proxy
Success rate: The success rate of transmission from proxy to the pool
Hash rate: Real-time hash rate submitted by miners to proxy
Hourly: Average hash rate submitted by miners to proxy in one hour
Daily: Average hash rate submitted by miners to proxy in one day
Miners: in Green (number of online miners); in White (total number of miners)

Hash rate of all miners connected the second	irough proxy s)	success rate of transmission from proxy to the	r pool
		mi	ners online
real-time hash rate submitted to proxy	average hash rate submitted to proxy in one hour 0 Hourly (TH/s)	average hash rate submitted to proxy in one day 0 Daily (TH/s)	0 / 0 Miners

- 3. Data in curve
- A: The worker name set for each proxy port. (must be consistent with worker name registered under AntPool subaccount). Different colors represent different proxy ports. You can check accordingly.
- B: Click the icon to zoom in the curve.
- C: Click the icon to see software manual.





- 4. Proxy list introduction
- A: Proxy address: Proxy address to which the miners are connected
- B: Pool: Pool Address to which the proxy is connected
- C: Sub Account Name: The worker name set for the proxy
- D: Hashrate: Real-time hash rate of all miners connected to this proxy port
- E: Miners: Number of all miners connected to this proxy port
- F: Success Rate: The success rate of transmission from proxy to the pool
- G: State: "Transmitting" and "Disabled"
- J: Actions: "Edit", "Delete", "Enable" and "Disable".

Proxies (2)						search	Q (Ŧ)
А	<u> </u>		D				
Proxy Address 🗢	Pool 🗢	SubAccount Na… ♦	Hashrate 🖨	Miners 🖨	Success Rate 🔶	State	Actions
47.89.11.239:3333	stratum.antpool.com:3333	antpool			- 0.00%	Disabled	
47.89.11.239:3335	stratum.antpool.com:3333	antminer			- 0.00%		

5. Features about proxy address

Click on the corresponding proxy address, you can view all miners connected to this address with miners' status displayed as: All/Online / Offline / Failed



Proxies (2)							Q	$\oplus$
click to view n Proxy Address	niner status Pool 🗢	SubAccount Na… ✦	Hashrate 🔶	Miners 🖨	Success Rate	State	Actions	
	stratum.antpool.com:3333	antpool			- 0.00%	Disabled		
	stratum.antpool.com:3333	antminer			- 0.00%			

🖌 ANTProxy 📼							(?
子账户: ant	《传输中	rea	I-time hashrate of all miners 机器向代理提交的实时算力				190.64 PH/s 나야한 38.92 PH/s 1
theoretical hash 徑	rate in pool 公矿油算力 	P	196.12 237872 (PHs)				25000 ; <b>25000</b> (***
矿机列表	miners under this prox 此代理下的矿机列表				mine 查看	<b>r status</b> 机器的状态	资给入关键字 Q 0 按线矿机
fits ♦					1天 🌢	ir utaczs 🕈	
ant r.BTC0000000000			7.74 TH∜s	7.51 TH/s	4.53 TH/s	在线	2018-08-15 16:00
ant BTC0000000001			7.85 TH∜s	7.68 TH/s	4.53 TH/s		2018-08-15 16:00
ant. BTC0000000002			7.74 T <del>I</del> √s	7.51 TH/s	4.53 TH/s		2018-08-15 16:00 🗾 🗠
an' r.BTC000000003			7.74 TH/s	7.51 TH/s	4.51 TH/s		2018-08-15 16:00
anter.BTC0000000004			7.74 TH∕s	7.51 TH/s	4.51 TH/s		2018-08-15 15:00 点击查看此台
antr.BTC000000005		17 153	7.85 TH/s	7.68 TH/s	4.53 TH/s		CIICK to VIEW MINER CUIVE
ante BTC000000006		1 153	7.74 TH/s	7.59 TH/s	4.53 TH/s		2018-08-15 16:00

Single miner curve: slide the mouse over single miner, a curve icon will appear on the right side. Click on the icon to view the curve.



Click "ANTProxy" on the top left corner to return to home page.

### 6. Operation options

Slide the mouse over Proxy address which needs to be configured, options will be displayed: "Edit", "Delete ", " Enable " and " Disable ".





- ★ Enabled: After configuring the proxy address, slide the mouse over the proxy address, enable button will be displayed (green icon), click the enable button to start data transmission to the mining pool.
- ★ Disabled: Slide the mouse over the running status icon (circle status), it will be displayed as disable button (red icon), click the disable button to stop proxy data transmission.
   Note: A sudden termination of normal proxy data transmission will cause losses in earnings. Think twice before you operate.



★ Delete: Proxy address cannot be deleted when the proxy running state is "Transferring" or "Enable"; First click "Disable" to stop transmission, then you can go on with the delete operation.

