

启博云 VPN 客户端用户指南

(for linux)

启博云 VPN 软件 linux 版本支持 centos 和 ubuntu 两个发行版本，同时支持 32 位和 64 位系统，在安装之前先确认云服务器的系统版本，命令如下
输入命令 `uname -a` 回车

```
[root@iZm5e72w7p5za2afcpqg43Z tmp]# uname -a
Linux iZm5e72w7p5za2afcpqg43Z 2.6.32-696.3.2.el6.i686 #1 SMP Tue Jun 20 00:48:23 UTC 2017 i686 i686 i386 GNU/Linux
[root@iZm5e72w7p5za2afcpqg43Z tmp]#
```

然后使用 winscp 工具，把安装文件放到云服务器的任一目录，本例是放在 /tmp 目录中。
通过 SSH 或 putty 客户端连接到云服务器，并切换到安装文件的在目录

```
root@iZm5e72w7p5za2afcpqg43Z:/# ls
bin      etc          initrd.img.old  media   proc   sbin   tmp    vmlinuz
boot     home         lib             mnt     root   srv    usr    vmlinuz.old
dev      initrd.img  lost+found      opt     run    sys    var
root@iZm5e72w7p5za2afcpqg43Z:/# cd /tmp/client
root@iZm5e72w7p5za2afcpqg43Z:/tmp/client#
```

查看 client 目录文件，其中 install.sh 是软件安装脚本；uninstall.sh 是软件卸载脚本。

```
root@iZm5e72w7p5za2afcpqg43Z:/tmp/client# ls
DEB  install.sh  uninstall.sh
root@iZm5e72w7p5za2afcpqg43Z:/tmp/client# . install.sh
```

开始安装软件，如上图，注意 . 后面有一个空格

```
root@iZm5e72w7p5za2afcpqg43Z:/tmp/client# . install.sh
Welcome to this qibovpn installer!

Get:1 http://mirrors.cloud.aliyuncs.com/ubuntu xenial InRelease [247 kB]
Get:2 http://mirrors.cloud.aliyuncs.com/ubuntu xenial-updates InRelease [109 kB]
Get:3 http://mirrors.cloud.aliyuncs.com/ubuntu xenial-security InRelease [107 kB]
]
Get:4 http://mirrors.cloud.aliyuncs.com/ubuntu xenial/main Sources [868 kB]
Get:5 http://mirrors.cloud.aliyuncs.com/ubuntu xenial/universe Sources [7,728 kB]
]
Get:6 http://mirrors.cloud.aliyuncs.com/ubuntu xenial/main i386 Packages [1,196 kB]
Get:7 http://mirrors.cloud.aliyuncs.com/ubuntu xenial/main Translation-en [568 k
```

```

Unpacking qibovpn (3.0.1-1) ...
Setting up qibovpn (3.0.1-1) ...
insserv: can not symlink(/etc/init.d/aegis, /etc/rc2.d/S02aegis): File exists
insserv: can not symlink(/etc/init.d/aegis, /etc/rc3.d/S02aegis): File exists
insserv: can not symlink(/etc/init.d/aegis, /etc/rc4.d/S02aegis): File exists
insserv: can not symlink(/etc/init.d/aegis, /etc/rc5.d/S02aegis): File exists
Processing triggers for systemd (229-4ubuntu21.2) ...
Processing triggers for ureadahead (0.100.0-19) ...
Processing triggers for libc-bin (2.23-0ubuntu10) ...
Shutting down qibovpn: success
Starting qibovpn: success

Finished!

root@iZm5e72w7p5za2afcpqq43Z:/tmp/client#

```

软件安装成功。下面开始配置 vpn 客户端，切换到软件安装目录 /etc/qibovpn

```

root@iZm5e72w7p5za2afcpqq43Z:/tmp/client# cd /etc/qibovpn
root@iZm5e72w7p5za2afcpqq43Z:/etc/qibovpn# ls
ca.crt  vpncl.conf  vpncl.log  vpncl_status.log  vpn_user
root@iZm5e72w7p5za2afcpqq43Z:/etc/qibovpn#

```

其中 vpncl.conf 是 VPN 客户端的配置文件;vpn_user 是 VPN 客户端所用的帐号和密码文件。我们只需要配置这两个文件即可。

```

root@iZm5e72w7p5za2afcpqq43Z:/etc/qibovpn# vi vpncl.conf

```

将下图 remote 后面的内容换成你们服务器的 IP 或域名即可。

```

client
dev tap
proto udp
port 1194
remote 47.94.95.215
;remote demo.qbvpn.com
;remote-random
resolv-retry infinite
nobind
persist-key
persist-tun

```

启动 VPN 客户端: service qibovpn start

```

root@iZm5e72w7p5za2afcpqq43Z:/etc/qibovpn# service qibovpn start

```

查看 VPN 客户端日志: cat vpncl.log

```
root@iZm5e72w7p5za2afcpqg43Z:/etc/qibovpn# cat vpncl.log
Mon Aug 13 17:50:38 2018 QiboVPN 1686-pc-linux-gnu [v3.01] [LZO] [LZ4] [EPOLL] [MH/PKTINFO] [AEAD] built on Jul 30 2018
Mon Aug 13 17:50:38 2018 library versions: OpenSSL 1.0.2g 1 Mar 2016, LZO 2.08
Mon Aug 13 17:50:38 2018 Note: Successfully loaded VPN configuration information.
Mon Aug 13 17:50:38 2018 Use the default encryption method
Mon Aug 13 17:50:38 2018 Note:auth method use default
Mon Aug 13 17:50:38 2018 TCP/UDP: Preserving recently used remote address: [AF_INET]47.94.95.215:1194
Mon Aug 13 17:50:38 2018 UDP link local: (not bound)
Mon Aug 13 17:50:38 2018 UDP link remote: [AF_INET]47.94.95.215:1194
Mon Aug 13 17:50:38 2018 Using the username and password to verify access
Mon Aug 13 17:50:38 2018 [liucuang] Peer Connection Initiated with [AF_INET]47.94.95.215:1194
Mon Aug 13 17:50:39 2018 TUN/TAP device tap0 opened
Mon Aug 13 17:50:39 2018 do ifconfig, tt->did ifconfig_ipv6_setup=0
Mon Aug 13 17:50:39 2018 /sbin/ifconfig tap0 10.2.0.3 netmask 255.255.255.0 mtu 1500 broadcast 10.2.0.255
Mon Aug 13 17:50:39 2018 Initialization Sequence Completed
root@iZm5e72w7p5za2afcpqg43Z:/etc/qibovpn#
```

上图日志表示 VPN 已经连接成功，我们可以通过 PING 命令测试（10.2.0.1 默认为 VPN 服务器的地址）

```
root@iZm5e72w7p5za2afcpqg43Z:/etc/qibovpn# ping 10.2.0.1
PING 10.2.0.1 (10.2.0.1) 56(84) bytes of data.
64 bytes from 10.2.0.1: icmp_seq=1 ttl=64 time=23.5 ms
64 bytes from 10.2.0.1: icmp_seq=2 ttl=64 time=11.8 ms
64 bytes from 10.2.0.1: icmp_seq=3 ttl=64 time=11.8 ms
64 bytes from 10.2.0.1: icmp_seq=4 ttl=64 time=11.8 ms
64 bytes from 10.2.0.1: icmp_seq=5 ttl=64 time=11.8 ms
```

上图测试代表 VPN 连接正常，VPN 客户端与 VPN 服务器端可以通讯。