

VPN 用户使用手册

1 Windows 系统 SSLVPN 客户端安装使用步骤

A. 登录超算中心 VPN 登录页面安装 VPN 客户端：

1.互联网访问方法：

<https://vpn1.nscg-gz.cn:4433>

2.超算中心办公网和专线用户访问方法：

使用内网地址 <https://172.16.3.21:4433>,


3.中山大学用户访问方法：

可使用校园网地址 <https://222.200.179.9:4433>

4.安装客户端：使用用户名和初始密码登录网页并下载安装 vpn 客户端

B. 在“开始程序”中打开“Hillstone Secure Connect”填写服务器域名地址、端口、用户名、密码，点击“登录”即可。



C. 右下角任务栏显示  即连接成功。

2 Mac OS X 系统 SSLVPN 客户端配置

A. 下载 Mac OS X 版 SSLVPN 客户端文件 SCVPN_OSX_1.0.4.dmg

下载地址 : <http://pan.baidu.com/s/1o8RI3gQ> 密码: b2vh

B. 安装完成之后, 运行客户端并填写主机地址、端口、账号、密码如下图



新建连接

连接名称: hillstone

描述:

主机: vpn1.nscg-gz.cn

端口: 4433

验证方式

用户名: *****

密码: *****

☒ 记住密码

取消 确定

1. 互联网访问:

主机地址 : vpn1.nscg-gz.cn 端口号 : 4433

2.超算中心办公网和专线用户访问 :

主机地址 : 172.16.3.21 端口号 : 4433

3.中山大学校园网用户访问 :

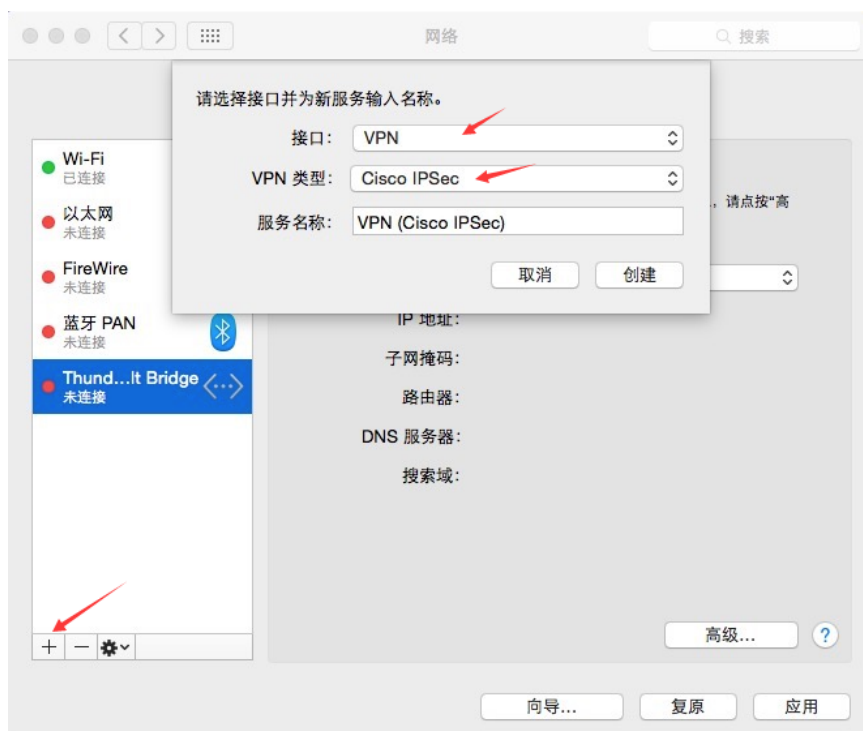
主机地址 : 222.200.179.9 端口号 : 4433

C. 登录成功如下图



3 Mac OS X 系统 IPSECVPN 客户端配置

A. 网络中“新建”，接口为“VPN”，VPN 类型为“Cisco IPSec”

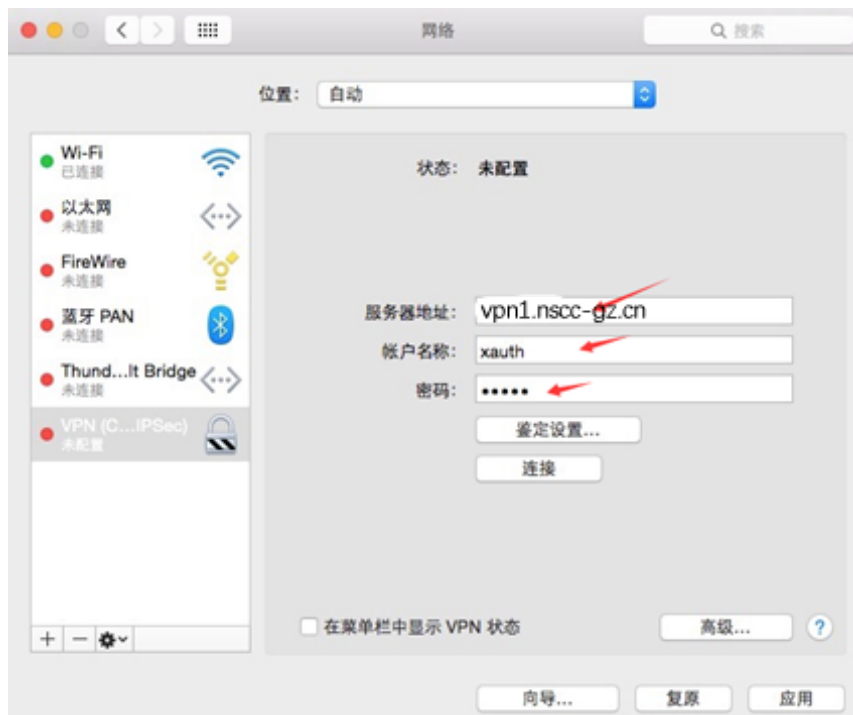


B. 填写 Xauth 服务器 ip

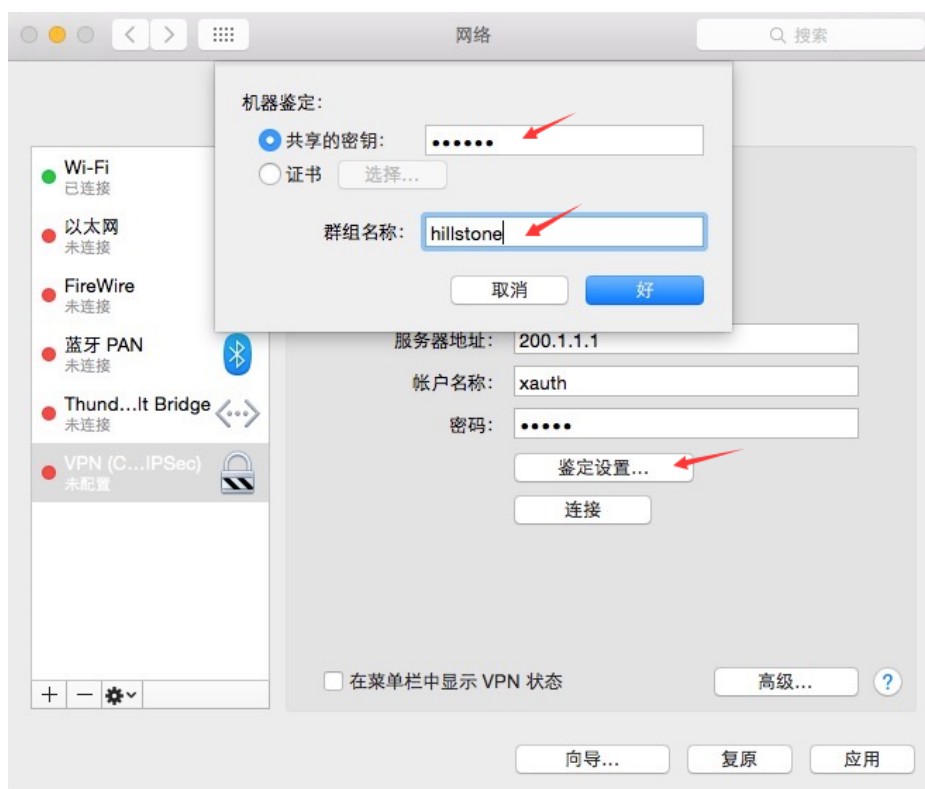
互联网接入填写: vpn1.nscg-gz.cn

办公网和专线用户填写 172.16.3.21

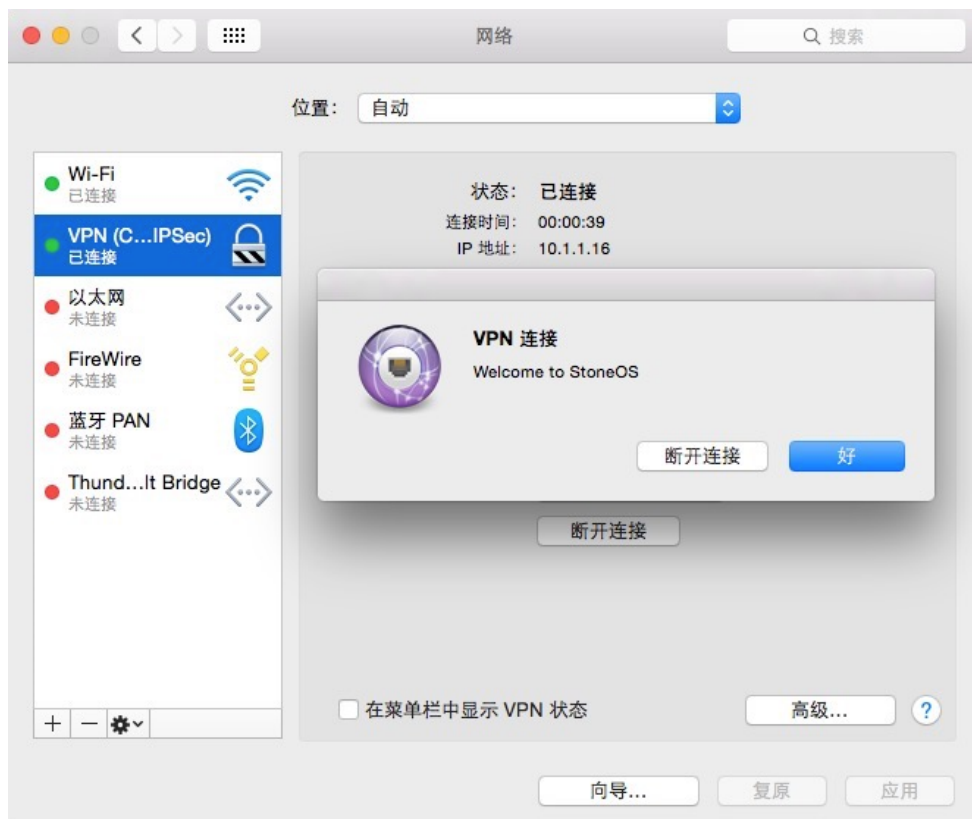
中山大学用户可使用校园网地址 222.200.179.9



C. 点击“鉴定设置”，填写预共享密钥:gzcszx@123 和群组名称:hillstone



D. 连接成功



4 CentOS/Redhat 系统 VPN 客户端配置

A. 在 root 权限下安装 vpnc

32 位: `# rpm -ivh http://kartolo.sby.datautama.net.id/EPEL/6/i386/vpnc-0.5.3-4.el6.i686.rpm`

64 位: `# rpm -ivh http://dl.fedoraproject.org/pub/epel/6/x86_64/vpnc-0.5.3-4.el6.x86_64.rpm`

B. 安装完毕后即可拨号，依次设置各项参数

Xauth 服务器 IP 地址：

互联网接入填写：**vpn1.nscg-gz.cn**

办公网和专线用户填写 **172.16.3.21**；

中山大学用户可使用校园网地址 222.200.179.9

key-id：**hillstone**；

预设共享密钥：**gzcszx@123**

```

root@localhost:~/Desktop
File Edit View Search Terminal Help
[root@localhost Desktop]# rpm -ivh http://kartolo.sby.datautama.net.id/EPEL/6/i386/vpnc-0.5.3-4.el6.i686.rpm 安装vpnc
Retrieving http://kartolo.sby.datautama.net.id/EPEL/6/i386/vpnc-0.5.3-4.el6.i686.rpm
warning: /var/tmp/rpm-tmp.meFhv8: Header V3 RSA/SHA256 Signature, key ID 0608b895: NOKEY
Preparing... ##### [100%]
1:vpnc ##### [100%]
[root@localhost Desktop]# vpnc 运行vpnc
Enter IPsec gateway address: 10.88.16.100 xauth服务器的ip
Enter IPsec ID for 10.88.16.100: hillstone key-id
Enter IPsec secret for hillstone@10.88.16.100: 预共享密钥
Enter username for 10.88.16.100: xauth 用户名
Enter password for xauth@10.88.16.100: 密码
Connect Banner:
| Welcome to StoneOS 连接成功

VPNC started in background (pid: 3766)...
[root@localhost Desktop]#
[root@localhost Desktop]#
[root@localhost Desktop]#
[root@localhost Desktop]#
[root@localhost Desktop]#
[root@localhost Desktop]#

```

C. 连接成功后通过 ifconfig 可以看到 tunnel 接口以及获取的 ip 地址

```

root@localhost:~/Desktop
File Edit View Search Terminal Help
[root@localhost Desktop]# ifconfig
eth0      Link encap:Ethernet  HWaddr 00:0C:29:D5:B6:27
          inet addr:10.88.16.105  Bcast:10.88.16.255  Mask:255.255.255.0
          inet6 addr: fe80::20c:29ff:fed5:b627/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:11274 errors:0 dropped:0 overruns:0 frame:0
          TX packets:1515 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:3609516 (3.4 MiB)  TX bytes:97439 (95.1 KiB)
          Interrupt:19 Base address:0x2000

lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:65536  Metric:1
          RX packets:26 errors:0 dropped:0 overruns:0 frame:0
          TX packets:26 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:1716 (1.6 KiB)  TX bytes:1716 (1.6 KiB)

tun0      Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
-00
          inet addr:172.16.1.14  P-t-P:172.16.1.14  Mask:255.255.255.255
          UP POINTOPOINT RUNNING NOARP MULTICAST  MTU:1412  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:17 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:500
          RX bytes:0 (0.0 b)  TX bytes:1100 (1.0 KiB)

[root@localhost Desktop]#

```

D. vpnc-disconnect 断开 xauth

```
[root@localhost Desktop]# vpnc-disconnect
Terminating vpnc daemon (pid: 3766)
[root@localhost Desktop]#
```

E. 卸载 vpnc

32 位 vpnc 卸载方式：

```
rpm -e vpnc-0.5.3-4.el6.i686
```

64 位 vpnc 卸载方式：

```
rpm -e vpnc-0.5.3-4.el6.x86_64
```

```
[root@localhost Desktop]# rpm -e vpnc-0.5.3-4.el6.i686
[root@localhost Desktop]# vpnc
bash: /usr/sbin/vpnc: No such file or directory
[root@localhost Desktop]#
```

5 Ubuntu/Ubuntu Kylin 系统 VPN 客户端配置

A. 在 root 权限下安装 vpnc 并设置各项参数

先切换到 root 用户：`su -root`

安装 VPNC：`apt-get install vpnc`

运行 VPNC：`vpnc`

Xauth 服务器 IP 地址：

互联网接入填写：**vpn1.nscg-gz.cn**

办公网和专线用户填写 **172.16.3.21**；

中山大学用户可使用校园网地址 222.200.179.9

key-id：**hillstone**；

预设共享密钥：**gzcszx@123**


```
tjchen@ubuntu:~$  
tjchen@ubuntu:~$  
tjchen@ubuntu:~$ su - root 切换到root用户  
Password:  
root@ubuntu:~# apt-get install vpnc 安装vpnc  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
The following NEW packages will be installed:  
  vpnc  
0 upgraded, 1 newly installed, 0 to remove and 136 not upgraded.  
Need to get 0 B/87.0 kB of archives.  
After this operation, 251 kB of additional disk space will be used.  
Selecting previously unselected package vpnc.  
(Reading database ... 57330 files and directories currently installed.)  
Preparing to unpack .../vpnc_0.5.3r512-2ubuntu1_amd64.deb ...  
Unpacking vpnc (0.5.3r512-2ubuntu1) ...  
Processing triggers for man-db (2.6.7.1-1ubuntu1) ...  
Setting up vpnc (0.5.3r512-2ubuntu1) ...  
root@ubuntu:~# vpnc 运行vpnc  
Enter IPsec gateway address: 10.88.16.100 xauth服务器ip  
Enter IPsec ID for 10.88.16.100: hillstone key-id  
Enter IPsec secret for hillstone@10.88.16.100: 预共享密钥  
Enter username for 10.88.16.100: xauth 用户名  
Enter password for xauth@10.88.16.100: 密码  
Connect Banner:  
! Welcome to StoneOS 连接成功  
  
UPNC started in background (pid: 3890)...  
root@ubuntu:~#
```

B. 连接成功后通过 ifconfig 可以看到 tunnel 接口以及获取的 ip 地址

```
root@ubuntu:~# ifconfig  
eth0      Link encap:Ethernet  HWaddr 00:0c:29:2f:c1:b6  
          inet addr:10.88.16.103 Bcast:10.88.16.255 Mask:255.255.255.0  
          inet6 addr: fe80::20c:29ff:fe2f:c1b6/64 Scope:Link  
          UP BROADCAST RUNNING MULTICAST  MTU:1500 Metric:1  
          RX packets:7866 errors:0 dropped:0 overruns:0 frame:0  
          TX packets:68 errors:0 dropped:0 overruns:0 carrier:0  
          collisions:0 txqueuelen:1000  
          RX bytes:550994 (550.9 KB) TX bytes:10902 (10.9 KB)  
  
lo        Link encap:Local Loopback  
          inet addr:127.0.0.1 Mask:255.0.0.0  
          inet6 addr: ::1/128 Scope:Host  
          UP LOOPBACK RUNNING  MTU:65536 Metric:1  
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0  
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0  
          collisions:0 txqueuelen:0  
          RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)  
  
tun0      Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00  
          inet addr:172.16.1.16 P-t-P:172.16.1.16 Mask:255.255.255.255  
          UP POINTOPOINT RUNNING NOARP MULTICAST  MTU:1412 Metric:1  
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0  
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0  
          collisions:0 txqueuelen:500  
          RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)  
  
root@ubuntu:~# _
```

C. vpnc-disconnect 断开 xauth

```
root@ubuntu:~# vpnc-disconnect
Terminating vpnc daemon (pid: 3890)
root@ubuntu:~#
```

D. 卸载 vpnc

apt-get remove vpnc 即可卸载

```
root@ubuntu:~# apt-get remove vpnc
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following package was automatically installed and is no longer required:
  iproute
Use 'apt-get autoremove' to remove it.
The following packages will be REMOVED:
  vpnc
0 upgraded, 0 newly installed, 1 to remove and 136 not upgraded.
After this operation, 251 kB disk space will be freed.
Do you want to continue? [Y/n] y
(Reading database ... 57347 files and directories currently installed.)
Removing vpnc (0.5.3r512-2ubuntu1) ...
Processing triggers for man-db (2.6.7.1-1ubuntu1) ...
root@ubuntu:~# vpnc
-su: /usr/sbin/vpnc: No such file or directory
root@ubuntu:~# _
```