山石 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.互联网客户端下载地址:

https://vpn3.nscc-gz.cn:4433

https://vpn1.nscc-gz.cn:4433

2.超算中心办公网和专线用户客户端下载地址:

使用内网地址 https://172.16.100.254:4433,

3.中山大学校园网用户端下载地址:

可使用校园网地址 https://222.200.179.12:4433

https://222.200.179.9:4433

B. 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

C.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。

1.互联网客户端填写顺序如下:

服务器: vpn3.nscc-gz.cn 或 vpn1.nscc-gz.cn

端口号:4433

账号: VPN 账号

密码: VPN 密码

2.超算中心办公网和专线用户客户端填写顺序如下:

服务器: 172.16.100.254

端口号:4433

VPN 用户使用手册

账号: VPN 账号

密码: VPN 密码

3.中山大学校园网用户访问方法:

服务器: 222.200.179.12 或 222.200.179.9

端口号:4433

账号: VPN 账号

密码: VPN 密码



D.右下角任务栏显示 / 在 cmd 命令行中 ping 172.16.22.11 可通及表示链接成功。

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_1.1.1.dmg

下载地址:按住ctrl点击进入sslvpn客户端MacOS版下载页面

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

连接名称:	hillstone
描述:	
主机:	vpn1.nscc-gz.cn
端口:	4433
验证方式	
用户名:	*****
密码:	••••
	✓ 记住密码

1.互联网客户端填写顺序如下:

服务器: vpn3.nscc-gz.cn 或 vpn1.nscc-gz.cn

端口号: 4433

账号: VPN 账号

密码: VPN 密码

2.超算中心办公网和专线用户客户端填写顺序如下:

服务器: 172.16.100.254

端口号:4433

账号: VPN 账号

密码: VPN 密码

3.中山大学校园网用户访问方法:

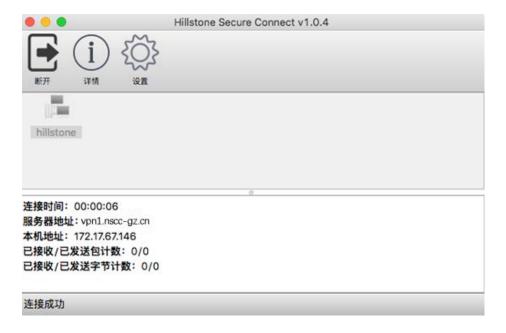
服务器: 222.200.179.12 或 222.200.179.9

端口号: 4433

账号: VPN 账号

密码: VPN 密码

C. 保存账号信息之后,点击右上角连接,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 服务器地址、账号名称、密码

1.互联网客户端填写顺序如下:

服务器: vpn3.nscc-gz.cn 或 vpn1.nscc-gz.cn

用户名称: VPN 账号

密码: VPN 密码

2.超算中心办公网和专线用户客户端填写顺序如下:

服务器: 172.16.100.254

用户名称: VPN 账号

密码: VPN 密码

3.中山大学校园网用户访问方法:

服务器: 222.200.179.12或222.200.179.9

用户名称: VPN 账号

密码: VPN 密码



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



D. 点击连接, 出现下图所示的欢迎提示面板表示连接成功



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

ftp://mirror.switch.ch/pool/4/mirror/epel/6/x86_64/Packages/v/vpnc-0.5.3-4.el6.x86_64.rp

或<mark>双击</mark>下面的图标下载获取 VPNC 客户端 32 位:



64 位:



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:

互联网接入用户填写:vpn3.nscc-gz.cn、vpn1.nscc-gz.cn

办公网和专线用户填写 172.16.100.254;

中山大学用户可使用校园网地址 222.200.179.12 或 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/i3🛆
86/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
warning: /var/tmp/rpm-tmp.meFhv8: Header V3 RSA/SHA256 Signature, key ID 0608b89
5: NOKEY
                          ############ [100%]
Preparing...
  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

```
2
                        root@localhost:~/Desktop
File Edit View Search Terminal Help
[root@localhost Desktop]# ifconfig
         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
         -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
```

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

64 位 vpnc 卸载方式:

[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:vpn3.nscc-qz.cn、vpn1.nscc-qz.cn

办公网和专线用户填写 172.16.100.254;

中山大学用户可使用校园网地址 222.200.179.12、222.200.179.9

key-id: hillstone;

预设共享密钥:gzcszx@123

```
t jchen@ubuntu:~$
t jchen@ubuntu:~$
t jchen@ubuntu:~$ su - root 切换到root用户
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:
O upgraded, 1 newly installed, O 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 upnc.
(Reading database ... 57330 files and directories currently installed.) Preparing to unpack .../vpnc_0.5.3r512-Zubuntu1_amd64.deb ... Unpacking vpnc (0.5.3r512-Zubuntu1) ...
Processing triggers for man-db (2.6.7.1-1ubuntu1) ...
Setting up vpnc (0.5.3r512-2ubuntu1) ...
root@ubuntu:~# vpnc
Enter IPSec gateway address: 10.88.16.100
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:
Connect Banner:
! Welcome to StoneOS 连接成功
VPNC 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
           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
          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 upnc
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:
    upnc
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 upnc (0.5.3r512-2ubuntu1) ...
Processing triggers for man-db (2.6.7.1-1ubuntu1) ...
root@ubuntu: # upnc
-su: /usr/sbin/upnc: No such file or directory
root@ubuntu: # _
```