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**VPN 客户端配置手册**

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**hackUST & hardUST****VPN 客户端配置手册**

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## 1 Windows 系统 SSLVPN 客户端安装使用步骤

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- A. 登录超算中心 VPN 登录页面：

通过登陆互联网地址 <https://202.14.80.170:4433>，使用用户名和初始密码登录下载安装 vpn 客户端。

- B. 在“开始程序”中打开“Hillstone Secure Connect”配置服务器 IP、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。

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## 2 Mac OS X 系统 VPN 客户端配置

- A. 山石官网下载客户端页面：

通过登陆互联网地址 <http://swupdate.hillstonenet.com:1337/sslvpn/download?os=osx>，下载安装 vpn 客户端

- B. 在“Launchpad”中打开“SCVPN”配置服务器 IP、端口、用户名、密码，点击“登录”即可。

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D. 即连接成功。



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### 3 CentOS/Redhat 系统 VPN 客户端配置

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#### 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>

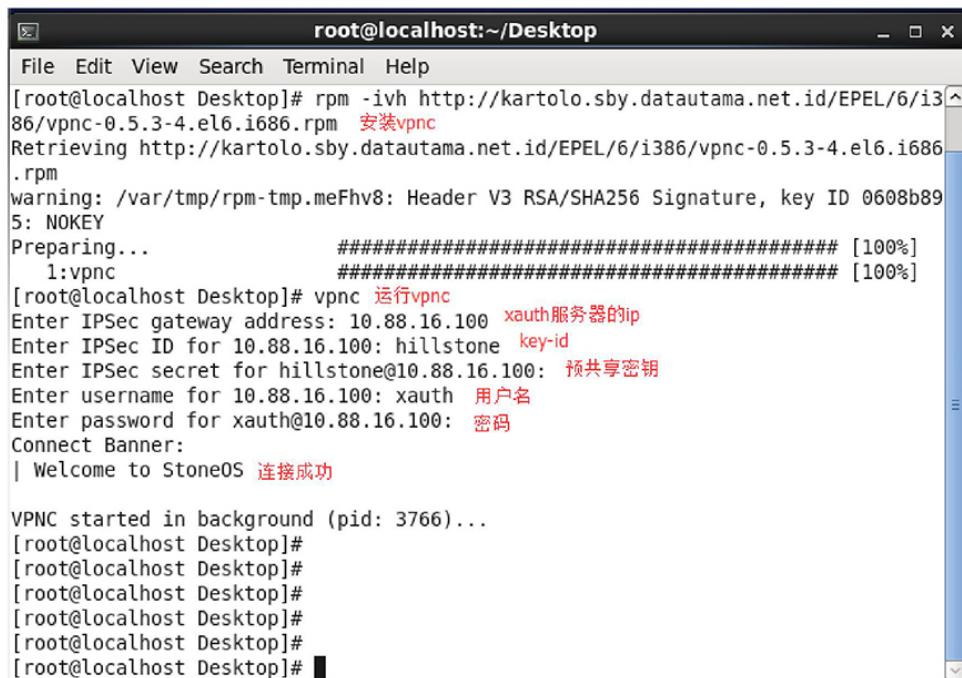
64 位: # rpm -ivh http://dl.fedoraproject.org/pub/epel/6/x86\_64/vpnc-0.5.3-4.el6.x86\_64.rpm

#### B. 安装完毕后即可拨号，依次设置各项参数

科大 Xauth 服务器 IP 地址 : 202.14.80.170

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

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```
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
          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]#
```

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## 4 Ubuntu/Ubuntu Kylin 系统 VPN 客户端配置

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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

科大 Xauth 服务器 IP 地址 : 202.14.80.170

key-id : hillstone ;

预设共享密钥 : gzcszx@123

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```
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  
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

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```
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:~# _
```

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