

## VPN: Softether VPN Server di CentOS 6

Written by BiRU

Sunday, 08 March 2015 10:49 - Last Updated Sunday, 08 March 2015 11:46

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```
# vi /etc/hosts 192.168.1.11 server.localdomain server 192.168.1.12 client.localdomain
client Server и Client
```

```
# yum groupinstall -y "Development Tools" # yum install -y readline-devel ncurses-devel
openssl-devel # yum install -y git # cd /tmp # git clone
https://github.com/SoftEtherVPN/SoftEtherVPN/ # cd /tmp/SoftEtherVPN/ # ./configure
&& make && make install Server
```

```
# vpnserv start # vpcmd 1 Enter Enter -- задать рутовый пароль сервера
VPN Server>ServerPasswordSet -- отключаем keepalive-пакеты. VPN Server>KeepDisable
-- создаем виртуальный хаб командой HubCreate VPN Server>hubcreate vpnserv --
перейти в режим администрирования хаба VPN Server>Hub vpnserv --
Автоматом вместе с NAT включается и DHCP. VPN Server/vpnserv>SecureNATEnable
VPN Server/vpnserv> UserCreate username1 VPN Server/vpnserv> UserPasswordSet
username1 VPN Server/vpnserv>IPsecEnable IPsecEnable command - Enable or Disable
IPsec VPN Server Function Enable L2TP over IPsec Server Function (yes / no): yes Enable
Raw L2TP Server Function (yes / no): no Enable EtherIP / L2TPv3 over IPsec Server
Function (yes / no): no Pre Shared Key for IPsec (Recommended: 9 letters at maximum):
_____ Default Virtual HUB in a case of omitting the HUB on the Username:
vpn The command completed successfully. -- посмотреть статус хаба VPN
Server/vpnserv>StatusGet StatusGet command - Get Current Status of Virtual Hub Item
|Value -----+----- Virtual Hub Name |vpnserv
Status |Online Type |Standalone SecureNAT
|Enabled Sessions |1 Access Lists |0 Users |1 Groups
|0 MAC Tables |1 IP Tables |1 Num Logins |0
Last Login |2014-04-07 05:46:57 Last Communication |2014-04-07 05:50:37
Created at |2014-04-07 05:46:57 Outgoing Unicast Packets |28 packets
Outgoing Unicast Total Size |1,176 bytes Outgoing Broadcast Packets |0 packets Outgoing
Broadcast Total Size|0 bytes Incoming Unicast Packets |28 packets Incoming Unicast Total
Size |1,176 bytes Incoming Broadcast Packets |60 packets Incoming Broadcast Total
Size|3,660 bytes The command completed successfully. Хаб можно выключить
командой Offline и вернуть обратно командой Online. VPN Server/vpnserv>exit
```

buat config untuk menjalankan softether

```
nano /etc/init.d/vpnserv paste kan code berikut
```

```
#!/bin/sh # chkconfig: 2345 99 01 # description: SoftEther VPN Server
DAEMON=/usr/vpnserv/vpnserv LOCK=/var/lock/subsys/vpnserv test -x
$DAEMON || exit 0 case "$1" in start) $DAEMON start touch $LOCK ;; stop)
```

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```
$DAEMON stop rm $LOCK ;; restart) $DAEMON stop sleep 3 $DAEMON start ;; *)  
echo "Usage: $0 {start|stop|restart}" exit 1 esac exit 0
```

save dengan cara ctrl+x confirm y, enter

```
# lsof -i4 -n -P|grep vpnserver  
vpnserver 1624 root 10u IPv4 22869 0t0 UDP *:33638  
vpnserver 1624 root 20u IPv4 22885 0t0 TCP *:443 (LISTEN)  
vpnserver 1624 root 21u IPv4 24073 0t0 UDP 192.168.1.12:55703->192.168.1.1:53  
vpnserver 1624 root 24u IPv4 22889 0t0 TCP *:992 (LISTEN)  
vpnserver 1624 root 29u IPv4 22895 0t0 TCP *:1194 (LISTEN)  
vpnserver 1624 root 33u IPv4 22899 0t0 TCP *:5555 (LISTEN)  
vpnserver 1624 root 37u IPv4 22906 0t0 UDP *:57852  
vpnserver 1624 root 44u IPv4 22930 0t0 UDP 192.168.1.12:1194  
vpnserver 1624 root 45u IPv4 22931 0t0 UDP 127.0.0.1:1194  
vpnserver 1624 root 59u IPv4 23752 0t0 UDP 192.168.1.12:500  
vpnserver 1624 root 60u IPv4 23753 0t0 UDP 192.168.1.12:4500  
vpnserver 1624 root 63u IPv4 23756 0t0 UDP 127.0.0.1:500  
vpnserver 1624 root 64u IPv4 23757 0t0 UDP 127.0.0.1:4500
```

### Client

```
# vpnclient start # vpnclient 2 Enter VPN Client>AccountList AccountList command  
- Get List of VPN Connection Settings Item|Value ----+----- The command completed  
successfully. VPN Client>AccountCreate myconnection /SERVER:192.168.1.11:443  
/HUB:vpnserver /USER:username1 /NICNAME:username1 -- VPN Client>AccountDelete  
myconnection VPN Client>AccountPasswordSet myconnection AccountPasswordSet  
command - Set User Authentication Type of VPN Connection Setting to Password  
Authentication Please enter the password. To cancel press the Ctrl+D key. Password: ***  
Confirm input: *** Specify standard or radius: standard The command completed  
successfully. VPN Client> AccountConnect myconnection -- VPN  
Client>AccountDisconnect myconnection VPN Client> AccountStartupSet myconnection  
VPN Client>AccountStatusGet myconnection VPN Client>AccountGet myconnection  
ЗАМЕНИТЬ ВЫВОД AccountGet command - Get Setting of VPN Connection Setting Item  
|Value  
-----+----- VPN Connection Setting  
Name |vpn Destination VPN Server Host Name |192.168.1.11  
Destination VPN Server Port Number |443 Destination VPN Server Virtual Hub  
Name |vpn Proxy Server Type |Direct TCP/IP Connection Verify  
Server Certificate |Disable Device Name Used for Connection  
|user1 Authentication Type |Standard Password Authentication User  
Name |user1 Number of TCP Connections to Use in VPN  
Communication|1 Interval between Establishing Each TCP Connection |1 Connection Life of  
Each TCP Connection |Infinite Use Half Duplex Mode |Disable  
Encryption by SSL |Enable Data Compression  
|Disable Connect by Bridge / Router Mode |Disable Connect by Monitoring Mode  
|Disable No Adjustment for Routing Table |Disable Do not Use  
QoS Control Function |Disable The command completed successfully. VPN  
Client>exit # dhclient vpn_vpn # ip addr show vpn_vpn 5: vpn_vpn: mtu 1500 qdisc  
pfifo_fast state UNKNOWN qlen 500 link/ether 00:ac:b6:71:14:2b brd ff:ff:ff:ff:ff:ff inet  
192.168.30.10/24 brd 192.168.30.255 scope global vpn_vpn inet6  
fe80::2ac:b6ff:fe71:142b/64 scope link valid_lft forever preferred_lft forever # ip neigh
```

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```
# ip route 192.168.1.0/24 dev eth0 proto kernel scope link src 192.168.1.11
192.168.30.0/24 dev vpn_vpn proto kernel scope link src 192.168.30.1 169.254.0.0/16 dev
eth0 scope link metric 1002 default via 192.168.30.1 dev vpn_vpn # ping -I vpn_vpn ya.ru
PING ya.ru (213.180.193.3) from 192.168.30.10 vpn_vpn: 56(84) bytes of data. 64 bytes from
www.yandex.ru (213.180.193.3): icmp_seq=1 ttl=55 time=13.9 ms 64 bytes from
www.yandex.ru (213.180.193.3): icmp_seq=2 ttl=55 time=13.3 ms 64 bytes from
www.yandex.ru (213.180.193.3): icmp_seq=3 ttl=55 time=11.1 ms
```