SSH Proxy (c) 2000 D-Bross

A full featured SOCKS 4&5 proxy written in Java

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 Environment: Java

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Overview

The SSH Proxy is full featured SOCKS 4&5 Proxy written in Java.
It supports both versions 4 and 5 of the Socks protocol including all SOCKS commands - CONNECT, BIND and UDP Association.

Additional feature that I have implemented in SSH Proxy is possibility to make TCP connections through HTTP-SSL Tunnel.
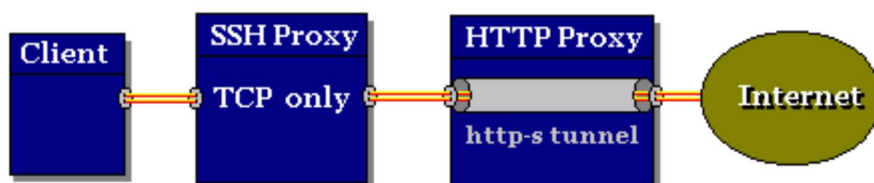
SSH Proxy works in two modes:

1. Normal mode - works as regular SOCKS 4&5 Proxy
2. TCP via HTTP-S mode - Works as SOCKS Proxy but makes SOCKS TCP connections via HTTP-SSL Tunnel Proxy.
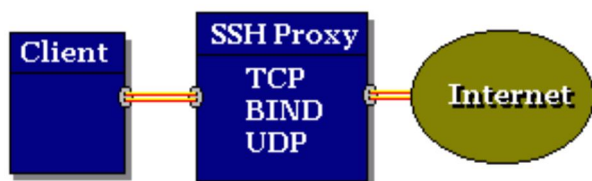
The TCP through HTTP-S mode is very useful when user woks behind HTTP Proxy and has not any other acces to the Internet. In this case the user can run SSH Proxy on his/her machine (or elsewhere in the LAN), and configure it to use TCP connections through HTTP-SSL tunnels that are commonly supported by most HTTP proxies. This way he/she will be able to use other internet applications, eg. IRC, FTP, e-mail, telnet and of course HTTP (web browsing).

Note that if SSH Proxy works behind a firewall in TCP over HTTP-S mode - the other SOCKS commands: BIND and UDP association will not work.

SSH Proxy loads its configuration from file **config.txt** that should be in the same directory as SSH Proxy.

The config file looks like the following block of text:

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#-----------------------------

```
# All logical variables can be set
# with values: 1/0 or yes/no
#-----------------------------
#EnableLog=no
EnableLog=yes
#-----------------------------
SOCKSPort=8888
#-----------------------------
#UseSHttpProxy=yes
UseSHttpProxy=no
#SHttpProxyHost=192.168.1.254 - http proxy of your lan.
#SHttpProxyPort=8080 - the port on which http proxy listens.
SHttpProxyHost=<SHTTP Proxy Host/IP>
SHttpProxyPort=<SHTTP Proxy Port>
#-----------------------------
```

The variables UseSHttpProxy and EnableLog are logical. So you can specify their values
either by 1, 0, Yes or No.