Use OpenVPN construct a VPN

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摘要

本文将概述如何使用 OpenVPN 搭建一个 VPN。本次实验,服务端选用 Linux 系统 (Linux 4.10.0-33-generic),客户端选用 Windows 系统 (Windows 10 Fall Creator Update)。本次实验将直接使用 Static Key,这里不再赘述 Static Key 的优点缺点,可以查阅文末的参考。

1 安装

这里仅针对上述系统说明。

1.1 Linux

打开 Shell 输入 sudo apt-get install openvpn

1.2 Windows

打开 OpenVPN 官网下载安装包,按照安装向导安装。

2 服务端

首先我们生成密匙

openvpn –genkey –secret static.key

这个密匙是客户端和服务端都要使用的,关于怎样将这个密匙交给客户端又是另一个故事了。

接着我们来编写服务端脚本,我们的目的是尽可能的简单,所以就尽可能的简单的来写。

3 客户端 2

dev tun

if config $10.8.0.1\ 10.8.0.2$

secret static.key

把这个文件命名为 server.conf,输入 openvpn server.conf 运行服务端,如果遇到权限问题,就加上 sudo。

3 客户端

客户端和服务端写起来是差不多的,

remote 192.168.199.100

dev tun

if config $10.8.0.2 \ 10.8.0.1$

secret static.key

记得把上面那个 IP 改成服务器的地址。

把这个文件命名为 client.conf, 输入 openvpn clent.conf 运行客户端接着我们就可以测试一下看看连接情况。

参考文献 3

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# ② Placet OpenPRIAL (1998) 100 的回复:字节-32 时间—as TIII—64 末自 192.168, 199.100 的回复:字节-32 时间—as TIII—64 末自 192.168, 199.100 的回复:字节-32 时间—as TIII—64 末自 192.168, 199.100 的回复:字节-32 时间—as TIII—64 192.168, 199.100 时间—as TIII—as Real 192.168, 199.100 ind page 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.108, 199.
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参考文献

[1] openvpn howto