2018年8月22日星期三

Centos翻墙配置手册

* 翻墙基于centos7操作系统版本

## **安装Shadowsocks客户端**

以下步骤必须进行操作

1#sudo yum -y install epel-release

2#sudo yum -y install python-pip

## 3#sudo pip install shadowsocks

## **配置Shadowsocks连接**

1#sudo mkdir /etc/shadowsocks

2#sudo vi /etc/shadowsocks/shadowsocks.json

.添加配置信息：前提是需要有ss服务器的地址、端口等信息

{ "server":"x.x.x.x", # Shadowsocks服务器地址

"server\_port":1035, # Shadowsocks服务器端口

"local\_address": "127.0.0.1", # 本地IP

"local\_port":1080, # 本地端口

"password":"password", # Shadowsocks连接密码

"timeout":300, # 等待超时时间

"method":"aes-256-cfb", # 加密方式

"fast\_open": false, # true或false。开启fast\_open以降低延迟，但要求Linux内核在3.7+

"workers": 1 #工作线程数 }

配置自启动

新建启动脚本文件/etc/systemd/system/shadowsocks.service，内容如下：

[Unit]

Description=Shadowsocks

[Service]

TimeoutStartSec=0

ExecStart=/usr/bin/sslocal -c /etc/shadowsocks/shadowsocks.json

[Install]

WantedBy=multi-user.target

启动Shadowsocks服务

1#systemctl enable shadowsocks.service

2#systemctl start shadowsocks.service

3#systemctl status shadowsocks.service

**验证Shadowsocks客户端服务是否正常运行**

**curl --socks5 127.0.0.1:1080 <http://httpbin.org/ip>**

**Shadowsock客户端服务已正常运行，则结果如下：**

**{**

**"origin": "x.x.x.x" #你的Shadowsock服务器IP**

**}**

**安装配置privoxy**

**安装privoxy**

**1#yum install privoxy -y**

**2#systemctl enable privoxy**

**3#systemctl start privoxy**

**4#systemctl status privoxy**

**配置privoxy**

修改配置文件/etc/privoxy/config

**listen-address 127.0.0.1:8118 # 8118 是默认端口，不用改**

**forward-socks5t / 127.0.0.1:1080 . #转发到本地端口，注意最后有个点**

**设置http、https代理**

**# vi /etc/profile 在最后添加如下信息**

**PROXY\_HOST=127.0.0.1**

**export all\_proxy=http://$PROXY\_HOST:8118**

**export ftp\_proxy=http://$PROXY\_HOST:8118**

**export http\_proxy=http://$PROXY\_HOST:8118**

**export https\_proxy=http://$PROXY\_HOST:8118**

**export no\_proxy=localhost,172.16.0.0/16,192.168.0.0/16.,127.0.0.1,10.10.0.0/16**

**# 重载环境变量**

**source /etc/profile**

**测试代理**

**# curl -I [www.google.com](http://www.google.com)**

**返回信息如下:**

HTTP/1.1 200 OK

Date: Fri, 26 Jan 2018 05:32:37 GMT

Expires: -1

Cache-Control: private, max-age=0

Content-Type: text/html; charset=ISO-8859-1

P3P: CP="This is not a P3P policy! See g.co/p3phelp for more info."

Server: gws

X-XSS-Protection: 1; mode=block

X-Frame-Options: SAMEORIGIN

Set-Cookie: 1P\_JAR=2018-01-26-05; expires=Sun, 25-Feb-2018 05:32:37 GMT; path=/; domain=.google.com

Set-Cookie: NID=122=PIiGck3gwvrrJSaiwkSKJ5UrfO4WtAO80T4yipOx4R4O0zcgOEdvsKRePWN1DFM66g8PPF4aouhY4JIs7tENdRm7H9hkq5xm4y1yNJ-sZzwVJCLY\_OK37sfI5LnSBtb7; expires=Sat, 28-Jul-2018 05:32:37 GMT; path=/; domain=.google.com; HttpOnly

Transfer-Encoding: chunked

Accept-Ranges: none

Vary: Accept-Encoding

Proxy-Connection: keep-alive

* **取消使用代理**

#while read var; do unset $var; done < <(env | grep -i proxy | awk -F= '{print $1}')

* 解决公司内网软件包不可达问题