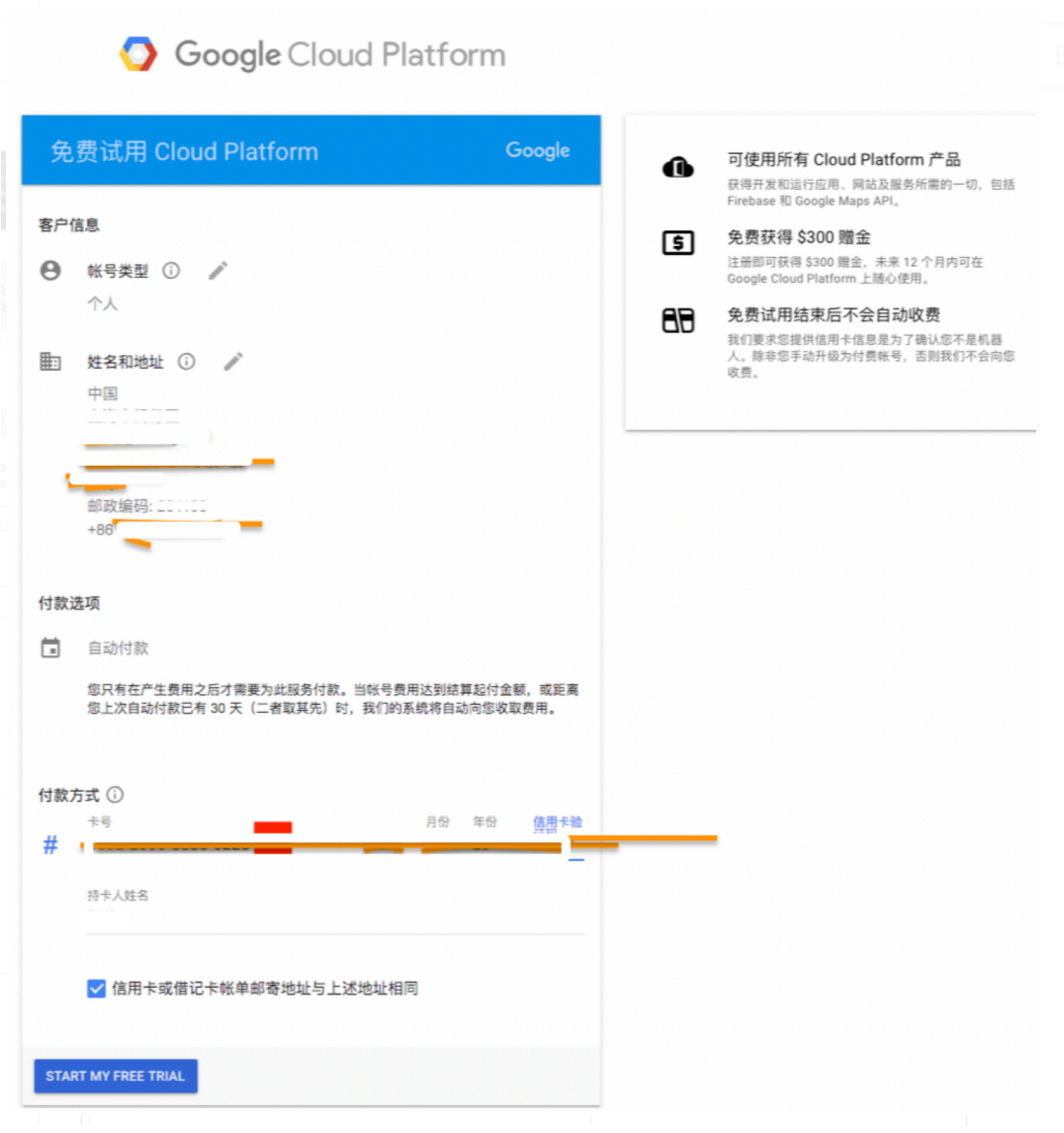
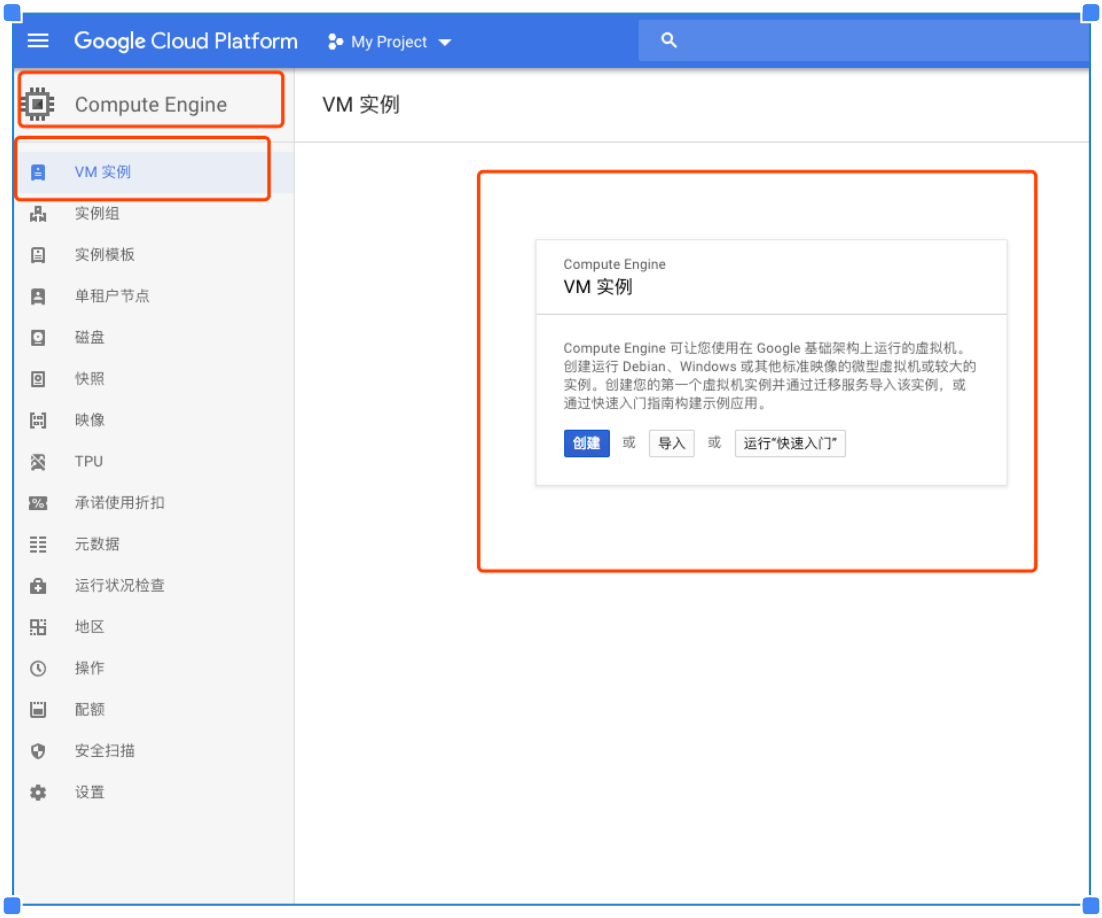
1. 注册谷歌云，账号类型选择个人；注册地址：
2. 国家我选的中国，付款信用卡必须是visa或者mastercard,JCB
3. 填写好的信息截图：



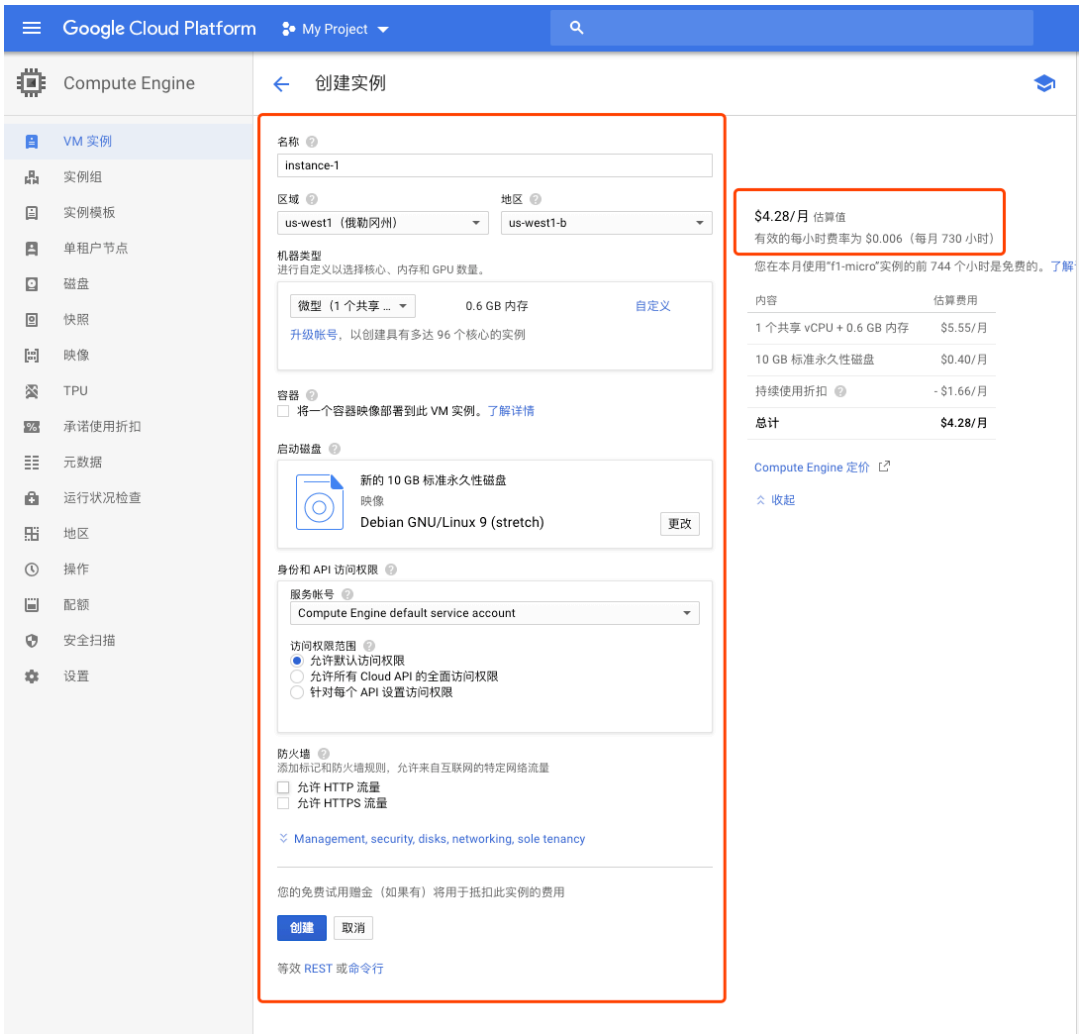
4.注册成功截图


Google Cloud Platform
欢迎您，陈！
感谢您注册为期 12 个月的免费试用。
我们免费赠予您 300 美元的试用赠金。如果赠金用完，在未经您许可的情况下，我们不会向您收取任何费用，敬请放心。
知道了

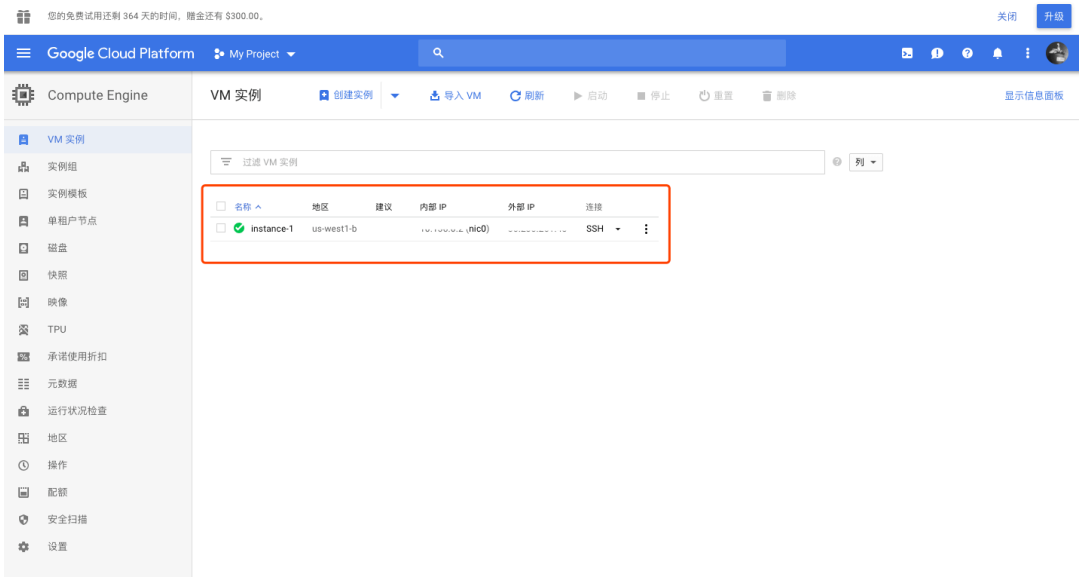
5.创建VM实例


Google Cloud Platform
My Project
Compute Engine
VM 实例
VM 实例
实例组
实例模板
单租户节点
磁盘
快照
映像
TPU
承诺使用折扣
元数据
运行状况检查
地区
操作
配额
安全扫描
设置
VM 实例
Compute Engine
VM 实例
Compute Engine 可让您使用在 Google 基础架构上运行的虚拟机。创建运行 Debian、Windows 或其他标准映像的微型虚拟机或较大的实例。创建您的第一个虚拟机实例并通过迁移服务导入该实例，或通过快速入门指南构建示例应用。
创建
或
导入
或
运行"快速入门"

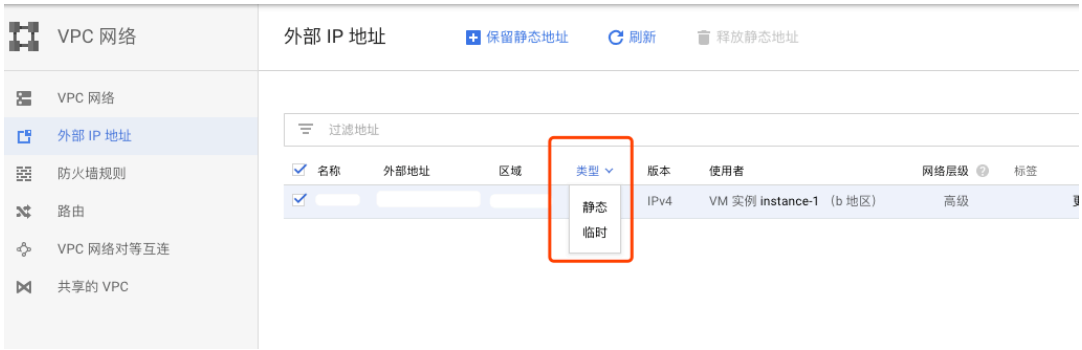
6.配置实例



7.创建好后的实例



8.申请保留静态IP



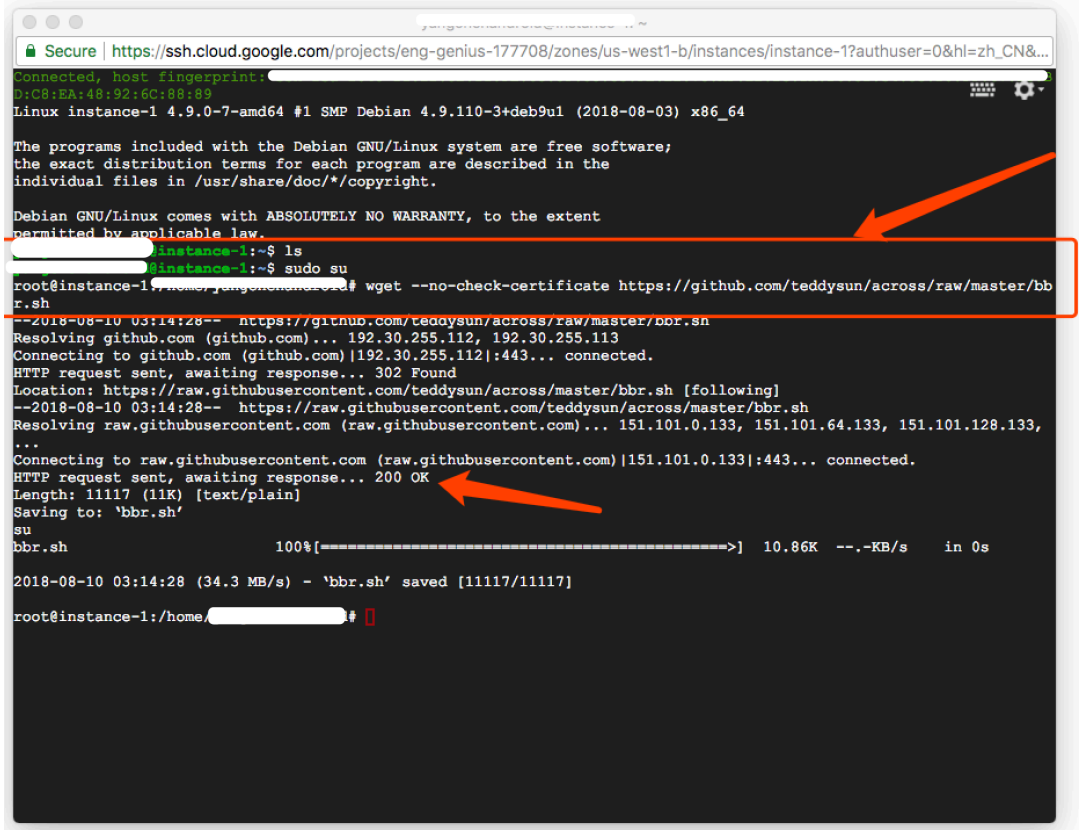
9.创建防火墙规则

10.安装BBR内核 启动命令行窗口

11 debian command:

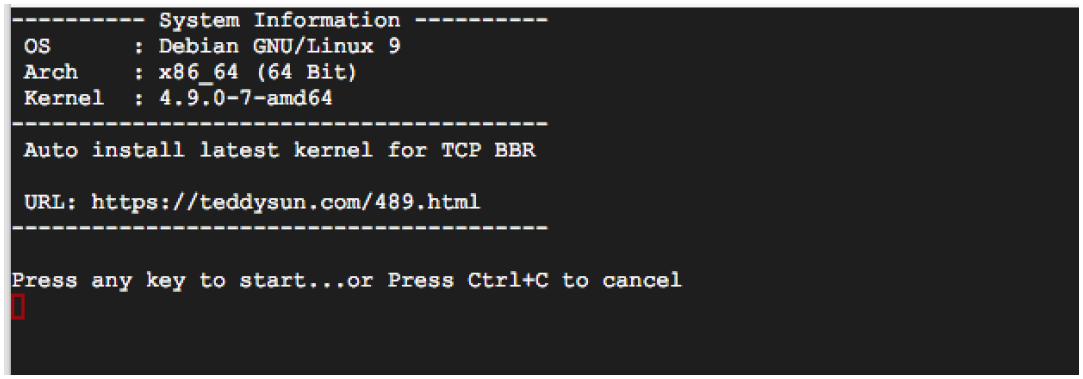
wget --no-check-certificate

https://github.com/teddysun/across/raw/master/bbr.sh

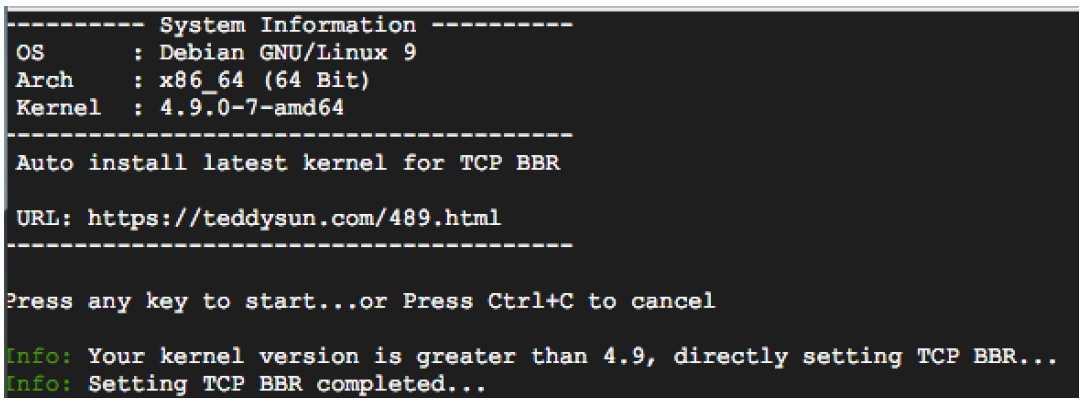


b. chmod +x bbr.sh

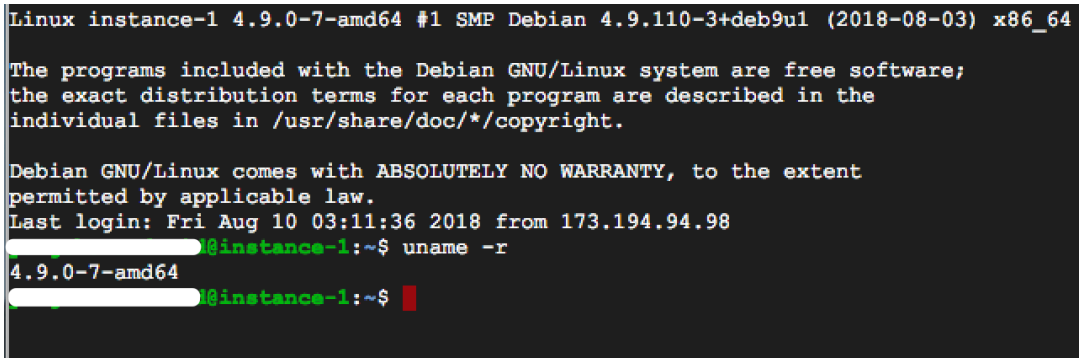
c ./bbr.sh



完成后：



d. uname -r

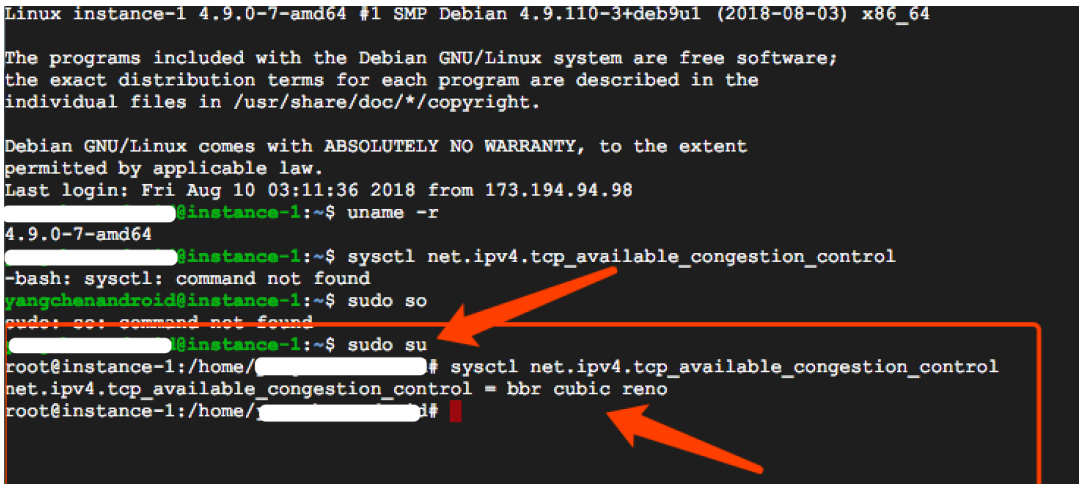


e.验证BBR是否安装成功，先进入root账户

sudo su

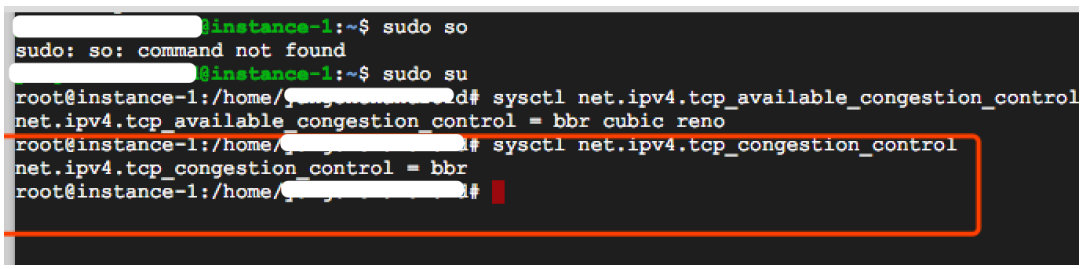
sysctl net.ipv4.tcp_available_congestion_control

返回值：net.ipv4.tcp_available_congestion_control = bbr cubic reno



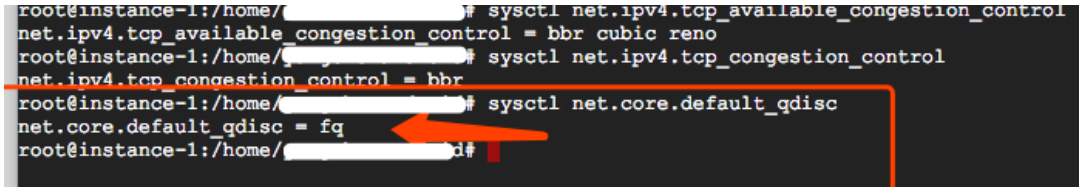
f. sysctl net.ipv4.tcp_congestion_control

返回结果：net.ipv4.tcp_congestion_control = bbr



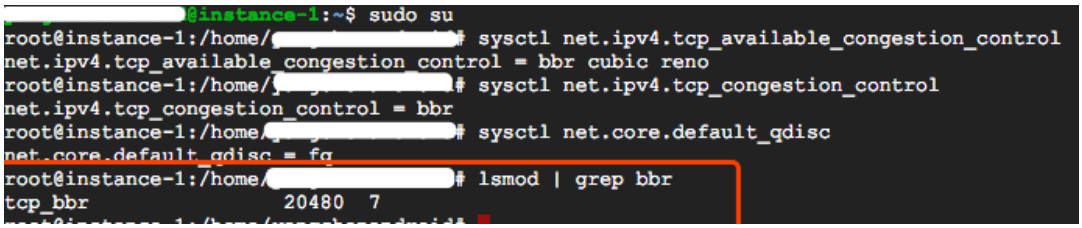
g. sysctl net.core.default_qdisc

返回值： net.core.default_qdisc = fq



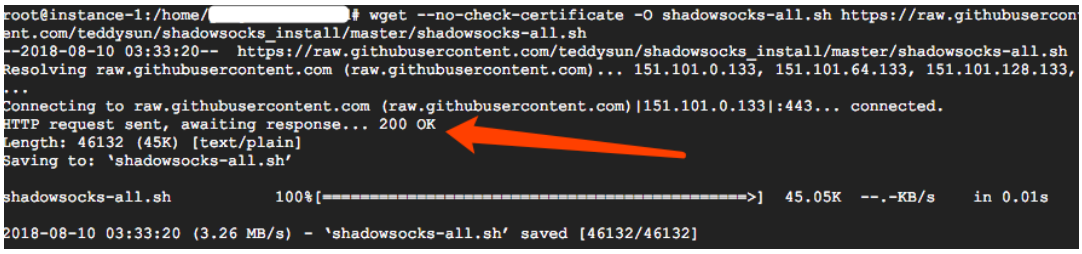
h. lsmod | grep bbr

返回值有 tcp_bbr 模块即说明bbr已启动。

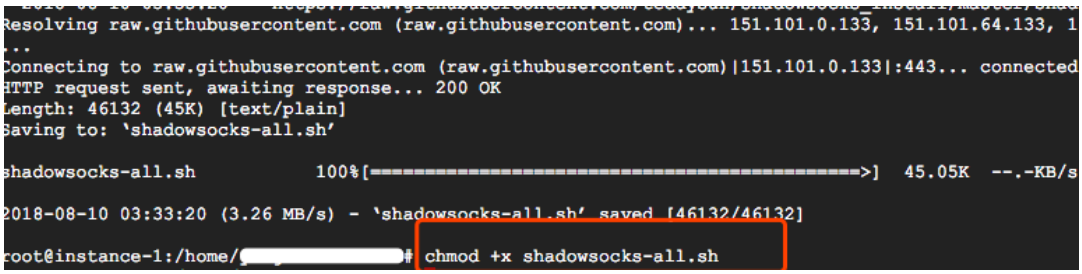


i. 安装server ss

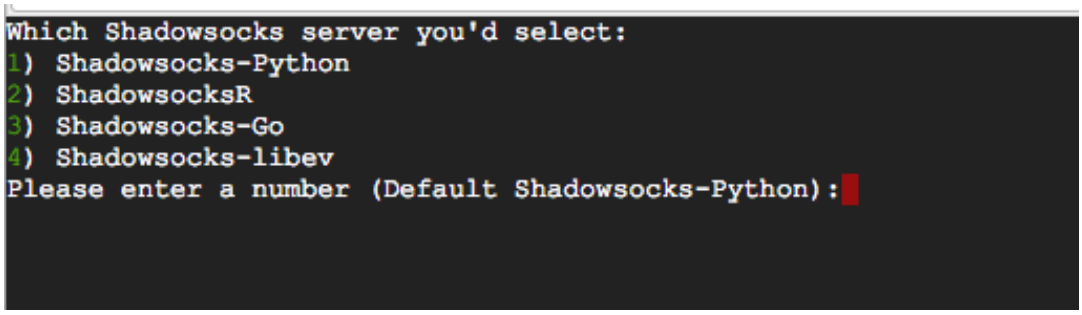
wget --no-check-certificate -O shadowsocks-all.sh https://raw.githubusercontent.com/teddysun/shadowsocks_install/master/shadowsocks-all.sh



j. chmod +x shadowsocks-all.sh



k ./shadowsocks-all.sh 2>&1 | tee shadowsocks-all.log



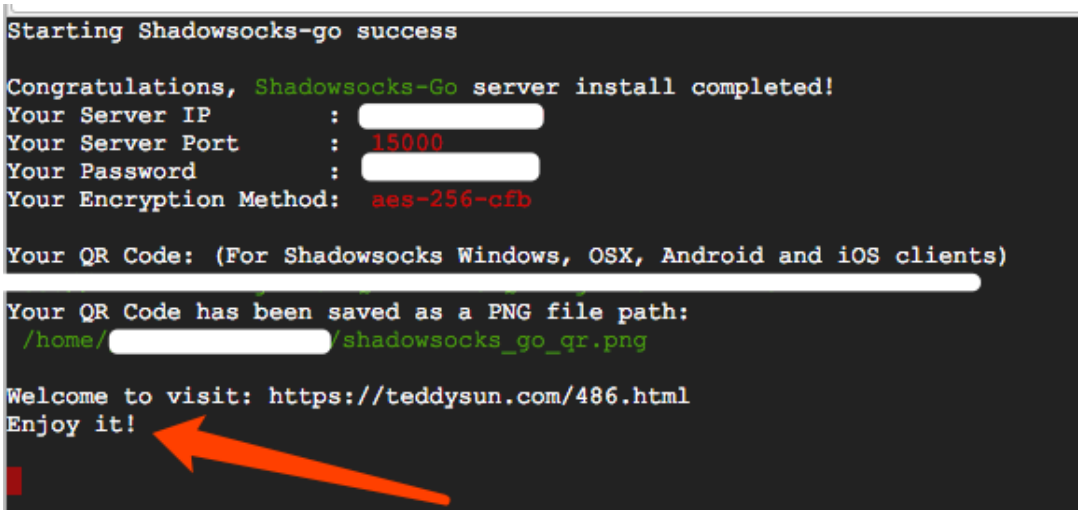
选择GO版本

```
Which Shadowsocks server you'd select:
1) Shadowsocks-Python
2) ShadowsocksR
3) Shadowsocks-Go
4) Shadowsocks-libev
Please enter a number (Default Shadowsocks-Python):3

You choose = Shadowsocks-Go

Please enter password for Shadowsocks-Go
(Default password: teddysun.com):
```

```
Which Shadowsocks server you'd select:
1) Shadowsocks-Python
2) ShadowsocksR
3) Shadowsocks-Go
4) Shadowsocks-libev
Please enter a number (Default Shadowsocks-Python):3

You choose = Shadowsocks-Go

Please enter password for Shadowsocks-Go
(Default password: teddysun.com):

password =

Please enter a port for Shadowsocks-Go [1-65535]
(Default port: 14111):15000
```

```
Please select stream cipher for Shadowsocks-Go:
1) aes-256-cfb
2) aes-192-cfb
3) aes-128-cfb
4) aes-256-ctr
5) aes-192-ctr
6) aes-128-ctr
7) chacha20-ietf
8) chacha20
9) salsa20
10) rc4-md5
Which cipher you'd select(Default: aes-256-cfb):1

cipher = aes-256-cfb


Press any key to start...or Press Ctrl+C to cancel
```

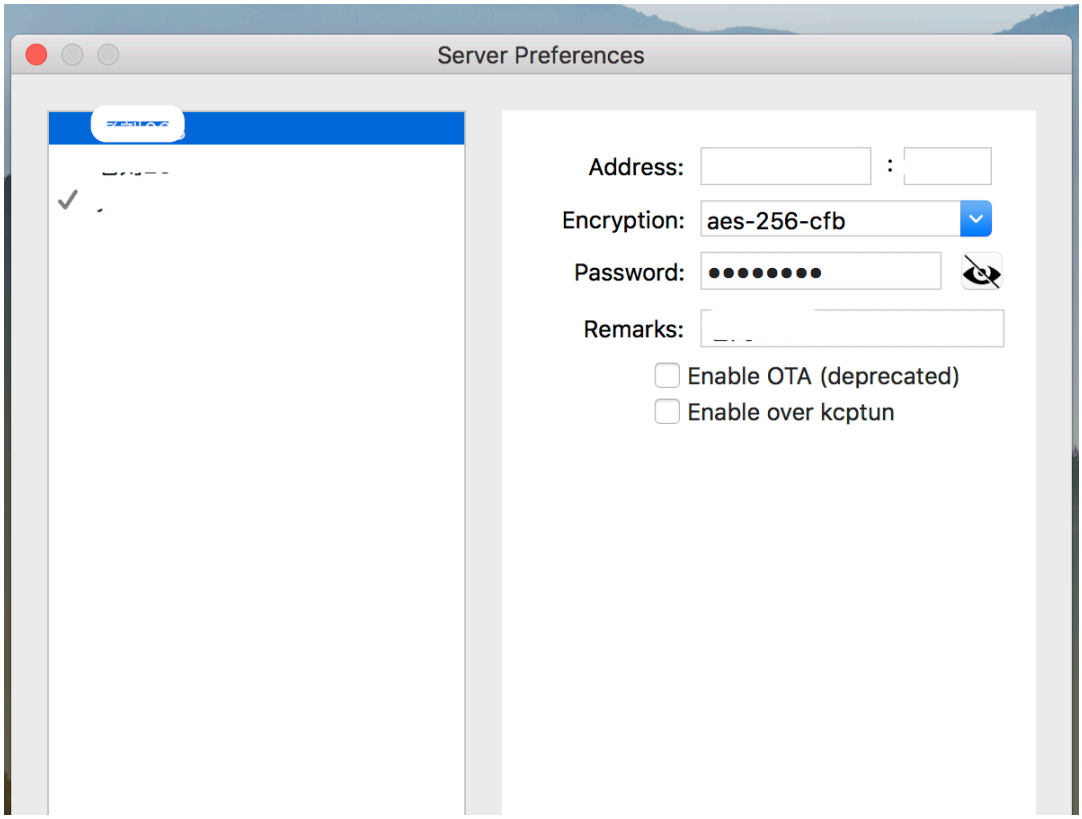
（此过程需要10分钟左右）完成SS安装后的截图



到这一步其实就能访问到远程的服务器了。

可以在shadowsocks client里面配置下上面对应的ip和密码 端口号.

shadowsocks github: https://github.com/shadowsocks



当然我们可以配置多用户访问，设置配置文件

sudo su

vi /etc/shadowsocks-go/config.json

复制粘贴

```
{
  "server":"0.0.0.0",
  "local_port":1080,
  "port_password":{
       "8989":"password0",
       "9001":"password1",
       "9002":"password2",
       "9003":"password3",
       "9004":"password4"
  },
  "timeout":300,
  "method":"aes-256-cfb",
}
```

注意json格式有无错误，检查双引号是不是英文模式下的。

修改端口号（1-65536）和密码（自己随意）,修改完后按esc

然后按下shift+:,输入wq!，回车，就保存了

最后重新启动

/etc/init.d/shadowsocks-go restart

可以看到重启成功，大功告成！！