

# BBR+BBR魔改+Lotsever(锐速)一键脚本 for Centos/Debian/Ubuntu

👤 Rat's (<https://www.moerats.com/author/1/>) ⌚ 2017 年 11 月 01 日 👁 530390 次浏览 💬 328 条评论 ✎ 1470 字数  
📁 主机教程 (<https://www.moerats.com/category/zjjc/>)

🏠 首页 (<https://www.moerats.com/>) / 正文

分享到: ★ / ([http://sns.qzone.qq.com/cgi-bin/qzshare/cgi\\_qzshare\\_onekey?url=https://www.moerats.com/archives/387/&title=BBR+BBR魔改+Lotsever\(锐速\)一键脚本 for Centos/Debian/Ubuntu&site=https://www.moerats.com/](http://sns.qzone.qq.com/cgi-bin/qzshare/cgi_qzshare_onekey?url=https://www.moerats.com/archives/387/&title=BBR+BBR魔改+Lotsever(锐速)一键脚本 for Centos/Debian/Ubuntu&site=https://www.moerats.com/))

🐞 / ([http://service.weibo.com/share/share.php?url=https://www.moerats.com/archives/387/&title=BBR+BBR魔改+Lotsever\(锐速\)一键脚本 for Centos/Debian/Ubuntu](http://service.weibo.com/share/share.php?url=https://www.moerats.com/archives/387/&title=BBR+BBR魔改+Lotsever(锐速)一键脚本 for Centos/Debian/Ubuntu)) 📷

**说明:** 对于 CentOS 系统的 BBR 魔改之前搬运过南琴浪大佬的脚本, 无奈出现了 BUG, 导致 CentOS 安装还存在着问题, 前几天友链博主千影, 也写出了一个魔改 BBR 脚本, 脚本包含 BBR + BBR 魔改版+ Lotsever (锐速), 同时支持 Centos、Debian、Ubuntu 系统, 很方便, 也很强大。

## 教程更新

- 1 【2018年12月24日】
- 2 脚本新增BBRplus修正版, 解决原版bbr在高丢包率下易失速以及bbr收敛慢的问题。尝试使其更好, 减少丢包。
- 3 【2018年3月8日】
- 4 脚本新增南琴浪的暴力魔改BBR, 使速度更加暴力, 实际效果因线路而定。

## 脚本安装

**支持系统:** CentOS 6+、Debian 8+、Ubuntu 14+。

**注意:** 该脚本在 Vultr 各个系统均测试通过, 如果期间有出现任何问题, 可向原作者反映帮助改善。

运行以下命令:

- 1 #过程有2步, 第1步安装相应的内核, 第2步开启内核对应的加速
- 2 wget -N --no-check-certificate "https://raw.githubusercontent.com/chiakge/Linux-NetSpeed/master/install.sh"

使用脚本后会出现如下选项:

```
TCP加速 一键安装管理脚本 [v1.1.9]
-- 就是爱生活 | 94ish.me --

0. 升级脚本
   -----内核管理-----
1. 安装 BBR/BBR魔改版内核
2. 安装 BBRplus版内核
3. 安装 Lotserver(锐速)内核
   -----加速管理-----
4. 使用BBR加速
5. 使用BBR魔改版加速
6. 使用暴力BBR魔改版加速(不支持部分系统)
7. 使用BBRplus版加速
8. 使用Lotserver(锐速)加速
   -----杂项管理-----
9. 卸载全部加速
10. 系统配置优化
11. 退出脚本

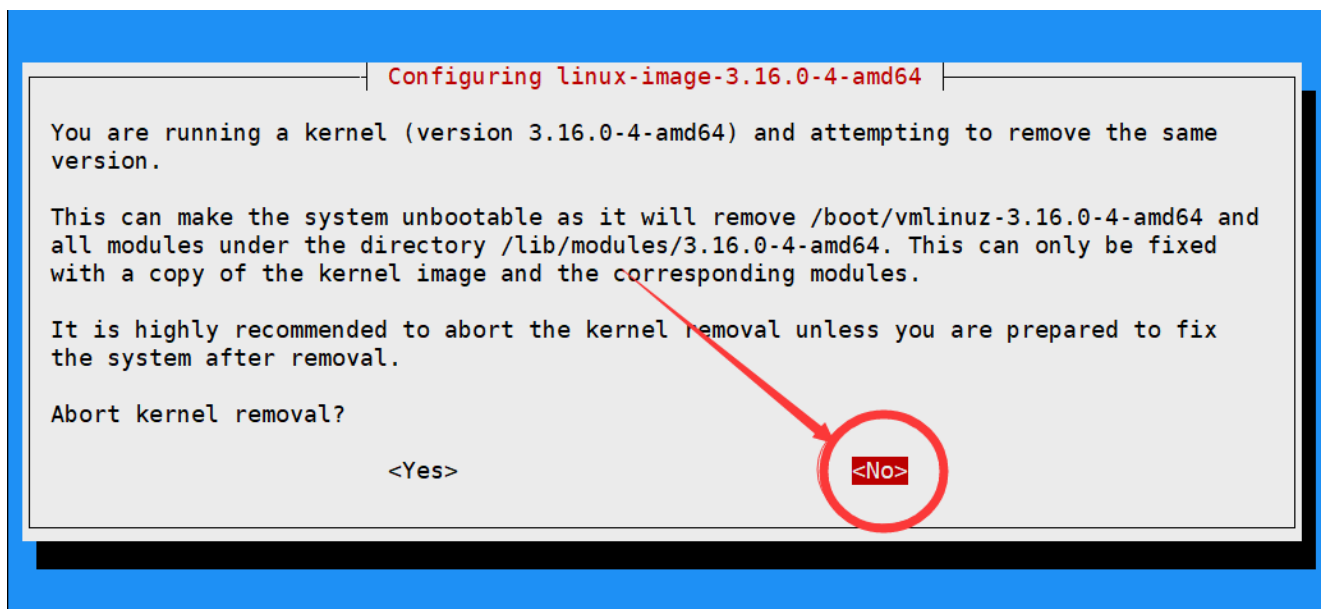
当前状态: 已安装 BBR 加速内核 , 未安装加速模块
请输入数字 [0-11]:
```

(<https://www.moerats.com/usr/picture/qia>

nyingbbr(1).png)

根据自己需求操作, 重启后再使用 `./tcp.sh` 命令接着操作。

如果在删除内核环节出现这样一张图



([https://www.moerats.com/usr/picture/qianyingbbr\(2\).png](https://www.moerats.com/usr/picture/qianyingbbr(2).png))

注意选择 NO , 然后根据提示重启系统。

最后由于本脚本集成加速太多, 兼容性可能不是很好, 对于部分系统 BBR 安装不成功的, 可以参考博客其它脚本。

- [超级暴力版魔改BBR一键脚本 for Debian \(https://www.moerats.com/archives/523/\)](https://www.moerats.com/archives/523/)

- [OpenVZ平台魔改BBR一键脚本之Rinetd方式 \(https://www.moerats.com/archives/504/\)](https://www.moerats.com/archives/504/)
- [魔改BBR一键安装脚本 for Debian/CentOS \(https://www.moerats.com/archives/382/\)](https://www.moerats.com/archives/382/)
- [Linux VPS锐速\(LotServer\)一键安装脚本 \(https://www.moerats.com/archives/36/\)](https://www.moerats.com/archives/36/)

对于速度提成来说，锐速效果最好，魔改BBR和BBR修正版由于VPS网络不同测试效果不一，具体效果还是自己先测试一下再选择吧。

## 相关链接

- 1 BBR魔改来源: <https://www.94ish.me/1635.html>
- 2 BBR修正版来源: <https://www.hostloc.com/thread-507165-1-1.html>

版权声明：本文为原创文章，版权归 [Rat's Blog \(https://www.moerats.com/\)](https://www.moerats.com/) 所有，转载请注明出处！

本文链接: <https://www.moerats.com/archives/387/> (<https://www.moerats.com/archives/387/>)

如教程需要更新，或相关链接出现404，请联系博主处理，微信：rats54。

Vultr 注册就送 \$50，可开日本/新加坡等机房，【[点击注册 \(https://www.moerats.com/go/vultr-4/\)](https://www.moerats.com/go/vultr-4/)】。

🕒 最后修改：2019 年 04 月 15 日 11:01 PM

👉 打赏

如果觉得我的文章对你有用，请随意打赏。

[上一篇 \(https://www.moerats.com/archives/388/\)](https://www.moerats.com/archives/388/)

[下一篇 \(https://www.moerats.com/archives/386/\)](https://www.moerats.com/archives/386/)

## 发表评论 🗨


评论 \*

说点什么吧.....

表情

私密评论 ☐

名称 \*

 姓名或昵称

邮箱 \*

邮箱 (必填,将保密)

地址

网站或博客



发表评论

## 328 条评论

**EVA**

May 9th, 2019 at 10:17 am

您好，我用的搬瓦工。Debian 9 x86\_64 刚开始还能装锐速核心。现在无论怎么整也提示更新内核成功，重启后还是BBR的核心。目前只可以用BBR和BBRPlus

回复 (<https://www.moerats.com/archives/387/?replyTo=15055#respond-post-387>)

**Rat's (<http://www.moerats.com/>)** 博主

May 9th, 2019 at 06:05 pm

@EVA 安装锐速的话，可以看看这个手动教程，<https://www.moerats.com/archives/36/>

回复 (<https://www.moerats.com/archives/387/?replyTo=15066#respond-post-387>)

**Q**

April 17th, 2019 at 12:39 pm

博主，求助。搬瓦工，系统默认带BBR，核心4.10，第一次安装选BBRPLUS重启后提示安装了锐速的内核，再次安装均不成功，选择1安装BBR内核后升级到了4.11，然后再选2安装BBRPLUS内核一直得到这个提示：内核安装失败，Nothing to do的提示。无论怎么弄都安装不了4.14内核，没法使用BBRPlus，请问有啥解决办法么？谢谢

回复 (<https://www.moerats.com/archives/387/?replyTo=14246#respond-post-387>)

**Rat's (<http://www.moerats.com/>)** 博主

April 18th, 2019 at 09:50 am

@Q 不需要先装BBR内核，直接安装BBRPLUS看看

回复 (<https://www.moerats.com/archives/387/?replyTo=14275#respond-post-387>)

**Q**

April 18th, 2019 at 11:27 am

@Rat's 可是搬瓦工的系统装完直接带BBR内核。。。

回复 (<https://www.moerats.com/archives/387/?replyTo=14281#respond-post-387>)

**心逐南云逝**

April 13th, 2019 at 04:33 pm

赞美博主, BBR-Plus, CN2线路跑满电信100M

回复 (<https://www.moerats.com/archives/387/?replyTo=14092#respond-post-387>)



**WilliamLu**

April 12th, 2019 at 08:51 pm

1.1.9和1.2.1安装内核都提示segmentation fault怎么解决。。

回复 (<https://www.moerats.com/archives/387/?replyTo=14031#respond-post-387>)



**WilliamLu**

April 12th, 2019 at 10:55 pm

@WilliamLu 出现在cloudcone的debian9, 降debian8之后就能装了

回复 (<https://www.moerats.com/archives/387/?replyTo=14039#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

April 13th, 2019 at 10:01 am

@WilliamLu 这个貌似于内存有点关系, 加点虚拟内存试试, 或者换系统

回复 (<https://www.moerats.com/archives/387/?replyTo=14054#respond-post-387>)



**Geralt**

April 7th, 2019 at 11:53 pm

你那行代码, 能不能弄个更完美的文本框呀, 显示不全拖黑复制担心拖不全.....

回复 (<https://www.moerats.com/archives/387/?replyTo=13899#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

April 8th, 2019 at 06:24 pm

@Geralt 你是说博客显示代码框吗? 这个是主题自带, 我有空魔改下

回复 (<https://www.moerats.com/archives/387/?replyTo=13907#respond-post-387>)



**net111**

April 6th, 2019 at 11:20 pm

瓦工的Debian9系统安装不了锐速, 一装锐速就出现 已安装速锐内核, 未安装加速模块 这个提示, 请问怎么解决

回复 (<https://www.moerats.com/archives/387/?replyTo=13862#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

April 7th, 2019 at 12:21 pm

@net111 我刚用vultr的debian 9装了一下锐速, 很正常, 不知道你是不是只安装了内核, 还没有开启锐速加速, 总共过程是2步。

回复 (<https://www.moerats.com/archives/387/?replyTo=13891#respond-post-387>)



**net111**

April 9th, 2019 at 09:23 am

@Rat's 我安装好了内核, 然后开启锐速加速。安装好像没有完成, 一闪然后跳到那个脚本画面, 出现已安装速锐内核, 未安装加速模块 这个提示, 再次安装加速模块, 还是这个提示

回复 (<https://www.moerats.com/archives/387/?replyTo=13931#respond-post-387>)

**jimmygiven**

April 15th, 2019 at 04:56 pm

@net111 加速模块无法启动解决办法：  
apt-get update  
apt install net-tools

回复 (<https://www.moerats.com/archives/387/?replyTo=14163#respond-post-387>)

**net111**

April 9th, 2019 at 09:20 am

@Rat's 请问wg用Debian9系统装不了锐速，gcp却可以，这是什么原因

回复 (<https://www.moerats.com/archives/387/?replyTo=13930#respond-post-387>)

**Rat's** (<http://www.moerats.com/>) 博主

April 10th, 2019 at 12:05 am

@net111 这个不知道，具体情况不清楚

回复 (<https://www.moerats.com/archives/387/?replyTo=13955#respond-post-387>)

**xiaoxuan**

April 5th, 2019 at 04:48 pm

问博主个问题，锐速对机子内存和储存的最低要求是多大，只自用的话

回复 (<https://www.moerats.com/archives/387/?replyTo=13811#respond-post-387>)

**Rat's** (<http://www.moerats.com/>) 博主

April 5th, 2019 at 10:45 pm

@xiaoxuan 内存最起码256m+，硬盘要求不大

回复 (<https://www.moerats.com/archives/387/?replyTo=13817#respond-post-387>)

**lqhww**

March 24th, 2019 at 12:22 am

debian 9 似乎安装不了锐速，可以通过更换内核来安装锐速吗？更换哪个版本的内核哪？

回复 (<https://www.moerats.com/archives/387/?replyTo=13309#respond-post-387>)

**Rat's** (<http://www.moerats.com/>) 博主

March 24th, 2019 at 10:41 am

@lqhww 可以自己手动换内核，支持的内核可以看下，[https://github.com/0oVicero0/serverSpeeder\\_kernel/blob/master/serverSpeeder.txt](https://github.com/0oVicero0/serverSpeeder_kernel/blob/master/serverSpeeder.txt)

回复 (<https://www.moerats.com/archives/387/?replyTo=13320#respond-post-387>)

**Alex**

March 16th, 2019 at 01:10 pm

BBRPlus对南琴浪版bbr哪个更优秀呢

回复 (<https://www.moerats.com/archives/387/?replyTo=13016#respond-post-387>)

**Rat's** (<http://www.moerats.com/>) 博主

March 16th, 2019 at 05:00 pm

@Alex 这个需要自己体验才知道，毕竟线路网络都不一样。

回复 (<https://www.moerats.com/archives/387/?replyTo=13031#respond-post-387>)



**ben**

March 16th, 2019 at 04:13 am

这两天测试下来发现ubuntu18.04要用这脚本请注释掉安装libssl哪行，不然直接重启的话必然导致sshd启动失败，另外gcc要安装gcc-6的，脚本里的gcc也要改成gcc-6，不然也是编译失败，另外锐速的部分，脚本那个下载授权文件的服务器貌似挂掉也是不会成功的，只能下载锐速脚本再改授权服务器地址

回复 (<https://www.moerats.com/archives/387/?replyTo=13010#respond-post-387>)



**wuzai**

April 7th, 2019 at 12:46 am

@ben 对的，锐速是有问题的，虽然现实是已安装，但是其实没有任何加速效果的，用其他脚本装的锐速却一切正常起加速效果。

回复 (<https://www.moerats.com/archives/387/?replyTo=13870#respond-post-387>)



**Kuma**

March 16th, 2019 at 11:44 pm

@ben 请问授权服务器换成哪个有效呢？

回复 (<https://www.moerats.com/archives/387/?replyTo=13064#respond-post-387>)



**ben**

March 16th, 2019 at 07:53 pm

@ben 再补充下，锐速要求的网卡貌似必须是eth0，不然破解的授权文件是没用的

回复 (<https://www.moerats.com/archives/387/?replyTo=13059#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

March 16th, 2019 at 05:02 pm

@ben 辛苦了，踩了这么多坑，这个脚本不是我维护的，不过我可以给维护的说下。

回复 (<https://www.moerats.com/archives/387/?replyTo=13033#respond-post-387>)



**hah1234**

March 16th, 2019 at 01:13 am

这个脚本（版本1.2.2）在ubuntu16上无法安装锐速，执行过步骤3换完内核后，再执行步骤8无法启动锐速模块。烦请修复

回复 (<https://www.moerats.com/archives/387/?replyTo=13008#respond-post-387>)



**溪鱼**

March 14th, 2019 at 02:38 pm

看看大佬 🤔 (<http://www.moerats.com/usr/paopao/懒得理.png>)

回复 (<https://www.moerats.com/archives/387/?replyTo=12929#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

March 14th, 2019 at 11:20 pm

@溪鱼





(//www.moerats.com/usr/paopao/滑稽.png)多来看看

回复 (<https://www.moerats.com/archives/387/?replyTo=12947#respond-post-387>)



**Mo**

March 15th, 2019 at 11:12 am

@Rat's 和我的情况一样，用的大便8，已经执行了第三步换内核，然后重启安装加速模块，然后一直这样，没有办法安装加速模块，然后我看日志，安装下报了一个错误，serverSpeeder has been removed!

回复 (<https://www.moerats.com/archives/387/?replyTo=12974#respond-post-387>)



**Mo**

March 15th, 2019 at 11:14 am

@Mo 是不是获取授权的服务器挂了

回复 (<https://www.moerats.com/archives/387/?replyTo=12975#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

March 16th, 2019 at 05:01 pm

@Mo 可以看下楼上的评论

回复 (<https://www.moerats.com/archives/387/?replyTo=13032#respond-post-387>)



**kwy**

March 14th, 2019 at 02:10 pm

已安装速锐内核，未安装加速模块，选择8安装以后，最终又出现“已安装速锐内核，未安装加速模块”同样的画面，怎么办呢

回复 (<https://www.moerats.com/archives/387/?replyTo=12927#respond-post-387>)



**ben**

March 16th, 2019 at 04:18 am

@kwy 脚本的下载授权文件服务器挂掉，所以是不会安装成功的

回复 (<https://www.moerats.com/archives/387/?replyTo=13011#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

March 14th, 2019 at 11:20 pm

@kwy 用3换了内核没

回复 (<https://www.moerats.com/archives/387/?replyTo=12946#respond-post-387>)



**kwy**

March 15th, 2019 at 10:41 am

@Rat's 用3换了内核以后。重启vps连不上了。这是咋回事了

回复 (<https://www.moerats.com/archives/387/?replyTo=12973#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

March 15th, 2019 at 04:54 pm

@kwy 这个问题其实不好说，看运气。我一般都是直接使用自带BBR内核的debian 9



回复 (<https://www.moerats.com/archives/387/?replyTo=12992#respond-post-387>)



alc

March 9th, 2019 at 04:32 pm

点了8配置优化，魔改bbr速度慢了一倍多，怎么还原配置？

回复 (<https://www.moerats.com/archives/387/?replyTo=12755#respond-post-387>)



Rat's (<http://www.moerats.com/>)

博主

March 9th, 2019 at 10:20 pm

@alc 直接上锐速吧

回复 (<https://www.moerats.com/archives/387/?replyTo=12766#respond-post-387>)



陈

March 1st, 2019 at 12:13 am

请问为什么装完bbr plus内核及加速模块后反而F不出Q了？

回复 (<https://www.moerats.com/archives/387/?replyTo=12379#respond-post-387>)



Rat's (<http://www.moerats.com/>)

博主

March 1st, 2019 at 02:04 pm

@陈 看是不是防火墙的问题，建议先装BBR，再装其它的程序。

回复 (<https://www.moerats.com/archives/387/?replyTo=12400#respond-post-387>)



陈

March 1st, 2019 at 03:13 pm

@Rat's 我用手机5had0wrock翻的喔。。

回复 (<https://www.moerats.com/archives/387/?replyTo=12406#respond-post-387>)



陈

February 28th, 2019 at 08:30 pm

digital ocean的Ubuntu 16.04的装完1之后再用putty连接就network error: connection refused怎么办？

回复 (<https://www.moerats.com/archives/387/?replyTo=12377#respond-post-387>)



大清王朝

February 24th, 2019 at 09:50 am

轻量确实快一点，但是这几天晚上炸了厉害，丢包,延迟媲美米国.可能带宽被55R榨干了吧。而且好的时候网页需要刷新一下才能打开是什么鬼？用IP访问面板时不时的网页无法访问，ping却正常！

回复 (<https://www.moerats.com/archives/387/?replyTo=12218#respond-post-387>)



Rat's (<http://www.moerats.com/>)

博主

February 24th, 2019 at 05:46 pm

@大清王朝 我博客就在轻量上，好像晚上还行。

回复 (<https://www.moerats.com/archives/387/?replyTo=12235#respond-post-387>)



大清王朝

February 24th, 2019 at 06:23 pm

@Rat's 难道我的网络问题？下载也达到4M/s左右浮动。你的网站是一样的问题。打开无法访问，刷新几下才出来。

回复 (<https://www.moerats.com/archives/387/?replyTo=12249#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

February 25th, 2019 at 08:11 pm

@大清王朝 估计网络问题，貌似轻量对电信不是很好

回复 (<https://www.moerats.com/archives/387/?replyTo=12280#respond-post-387>)



liuzw

February 21st, 2019 at 03:29 pm

大佬，我的阿里云轻量香港VPS安装bbrplus或者bbr的时候，家里的led进行科学上网连接会几秒钟断一次，而把加速换成锐速就没有这个问题，实在搞不懂啊。平时vultr跑bbrplus也稳得很呀

回复 (<https://www.moerats.com/archives/387/?replyTo=12154#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

February 21st, 2019 at 11:05 pm

@liuzw 有些东西说不清楚，只能说哪个适合自己就选哪个。

回复 (<https://www.moerats.com/archives/387/?replyTo=12167#respond-post-387>)



Leon

February 20th, 2019 at 10:58 am

老哥，之前cloudcone用1.19版本安装魔改可以，现在重装系统用1.19和1.21都会卡死到内核这里：如：Unpacking linux-headers-4.14.91-bbrplus (4.14.91-bbrplus-1) ..

按照楼下的帖子装证书，也是卡到这里。

换centos系统也卡死。是不是因为内存小的原因。

回复 (<https://www.moerats.com/archives/387/?replyTo=12081#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

February 20th, 2019 at 12:39 pm

@Leon cloudcone好像是容易卡死，你换debian 8直接装锐速看看，锐速好像要暴力些。

回复 (<https://www.moerats.com/archives/387/?replyTo=12096#respond-post-387>)



子桑褪色

January 30th, 2019 at 04:29 pm

老哥之前的55R地址404了么？之前用过很不错，最近换了阿里云结果找不到地址了 😊 (<http://www.moerats.com/usr/paopao/哈哈.png>)

回复 (<https://www.moerats.com/archives/387/?replyTo=11484#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

January 30th, 2019 at 06:46 pm

@子桑褪色 我删掉了，不过备份在电脑上了，很多人有需求？可以考虑恢复 😊 (<http://www.moerats.com/usr/paopao/滑稽.png>)

回复 (<https://www.moerats.com/archives/387/?replyTo=11495#respond-post-387>)



**Joe**

February 6th, 2019 at 01:49 am

@Rat's 裂墙需要233333

回复 (<https://www.moerats.com/archives/387/?replyTo=11704#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

February 6th, 2019 at 10:20 pm

@Joe 恢复了，地址：<https://www.moerats.com/archives/262/>

回复 (<https://www.moerats.com/archives/387/?replyTo=11723#respond-post-387>)



**Max**

January 29th, 2019 at 11:17 pm

哥，问个很低级的问题，用了锐速后（成功了，速度确实很快）但是手机无法连接，不论是苹果还是安卓都不行。我是小白，求告知

回复 (<https://www.moerats.com/archives/387/?replyTo=11438#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

January 29th, 2019 at 11:58 pm

@Max 你指的是之前说的55R？这个问题很诡异，按照经验来说，貌似换个内核或者改用bbr就可以好。

回复 (<https://www.moerats.com/archives/387/?replyTo=11442#respond-post-387>)

**santiko**

January 29th, 2019 at 02:04 am

Ubuntu 16.04 x64 使用1.21版本的脚本，安装BBR内核，导致无法SSH。BBR Plus和锐速的就没问题。

回复 (<https://www.moerats.com/archives/387/?replyTo=11380#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

January 29th, 2019 at 01:05 pm

@santiko 好像ubuntu暂时有点问题，先给个旧版本的脚本你，<https://raw.githubusercontent.com/chiaakge/Linux-NetSpeed/45d9030e83e7c54389becdd6040661c3abf7e3d8/tcp.sh>，安装方法一样，把脚本链接替换下就行。

回复 (<https://www.moerats.com/archives/387/?replyTo=11395#respond-post-387>)



**wutongskype**

January 19th, 2019 at 12:21 pm

旧版用着正常，这个1.21就不行了。装完SSH连不上小鸡。🐔 (<http://www.moerats.com/usr/paopao/喷.png>)

回复 (<https://www.moerats.com/archives/387/?replyTo=11023#respond-post-387>)



**wutongskype**

January 19th, 2019 at 02:20 am

脚本有问题，装完无法连接SSH。。。瓦工的机子，刚重装完很干净。。。

回复 (<https://www.moerats.com/archives/387/?replyTo=11019#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

January 19th, 2019 at 01:01 pm

**@wutongskype** 你装的什么加速?

回复 (<https://www.moerats.com/archives/387/?replyTo=11032#respond-post-387>)



**IX**

January 19th, 2019 at 04:14 pm

**@Rat's** 我也出现这种情况了。

回复 (<https://www.moerats.com/archives/387/?replyTo=11035#respond-post-387>)



**IX**

January 19th, 2019 at 04:15 pm

**@IX** 好像是装完普通BB内核后。PLUS，和锐速都没问题

回复 (<https://www.moerats.com/archives/387/?replyTo=11036#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

January 19th, 2019 at 09:22 pm

**@IX** 这个我给维护的反映下看看。

回复 (<https://www.moerats.com/archives/387/?replyTo=11041#respond-post-387>)



**wutongskype**

January 19th, 2019 at 02:33 pm

**@Rat's** 在瓦工机子上试了 ubuntu 16.04 装魔改和暴力魔改，装完重启后无法SSH连接。  
ubuntu 18.04 装Plus版可以正常使用，之前1.19几那个版本的脚本无问题。暴力魔改BBR两个系统都能装上。

回复 (<https://www.moerats.com/archives/387/?replyTo=11033#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

January 19th, 2019 at 09:23 pm

**@wutongskype** 已经给维护脚本的反映了。

回复 (<https://www.moerats.com/archives/387/?replyTo=11042#respond-post-387>)



**eva**

January 20th, 2019 at 01:42 pm

**@Rat's** 博主费心了，同遇ubuntu18 安装选项1魔改BBR 无法ssh 无法WinSCP  
只能VNC，服务器内ssh服务启动正常，端口正常，  
加速服务正常。

回复 (<https://www.moerats.com/archives/387/?replyTo=11059#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

January 20th, 2019 at 09:48 pm

**@eva** ubuntu可以先试试萌咖的脚本，地址：<https://www.moerats.com/archives/190/>。

回复 (<https://www.moerats.com/archives/387/?replyTo=11071#respond-post-387>)

eric



January 18th, 2019 at 05:13 pm

为何总显示“未安装加速模块”

回复 (<https://www.moerats.com/archives/387/?replyTo=11013#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

January 19th, 2019 at 01:01 pm

@eric 是先安装的内核，再开启的加速？

回复 (<https://www.moerats.com/archives/387/?replyTo=11031#respond-post-387>)



杜若言叶杜若

January 11th, 2019 at 02:53 am

linode 怎么装bbrplus 内核，，，，网上好几个方法不管用

回复 (<https://www.moerats.com/archives/387/?replyTo=10687#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

January 11th, 2019 at 09:49 am

@杜若言叶杜若 首先你在我博客搜索手动安装BBR方法，3个系统我都写过，然后内核在这里找下，<https://github.com/cx9208/Linux-NetSpeed/tree/master/bbrplus>。还不会的话，我看能不能水个教程

回复 (<https://www.moerats.com/archives/387/?replyTo=10692#respond-post-387>)



杜若言叶杜若

January 11th, 2019 at 01:35 pm

@Rat's 昨天晚上后面解决了  
脚本使用安装好内核之后  
不要立刻重启 先退出脚本运行  
mkdir /boot/grub （提示已存在，请不要管）  
grub2-mkconfig -o /boot/grub/grub.cfg  
（确定控制台已改成grub2，运行这个命令，再重启就OK了，，，，妈呀，心好累。）

回复 (<https://www.moerats.com/archives/387/?replyTo=10697#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

January 11th, 2019 at 02:03 pm

@杜若言叶杜若 辛苦了，就是喜欢这种提供一些解决方法的同学，让遇到该问题的人也可以参考下。

回复 (<https://www.moerats.com/archives/387/?replyTo=10700#respond-post-387>)



oyanli

January 10th, 2019 at 02:01 pm

博主，一直用你提供的BBR脚本，现在1.2.1的版本在Debian9上经常会卡死，发现安装证书后就不会卡死了，你看能不能在文章上加上这个证书，或者用Ctrl+C键也可以跳过去，如果可用应该可以帮助到碰到卡死问题的人吧

安装证书

apt-get -y install ca-certificates

或

yum -y install ca-certificates

上面应该是Debian，下面应该是CentOS吧，请测试一下!!

回复 (<https://www.moerats.com/archives/387/?replyTo=10633#respond-post-387>)



**oyanli**

January 10th, 2019 at 02:04 pm

@oyanli 是安装BBR内核的时候碰到卡死的问题，前面忘记说了，可能安装其它内核的时候也会碰到，请测试一下

回复 (<https://www.moerats.com/archives/387/?replyTo=10634#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

January 10th, 2019 at 03:59 pm

@oyanli 感谢提供问题解决方法，你是mini系统么？

回复 (<https://www.moerats.com/archives/387/?replyTo=10649#respond-post-387>)



**oyanli**

January 10th, 2019 at 05:53 pm

@Rat's 我在GGC上发现这个问题，GGC用的是mini系统，后来在anyNode上的机器上也出现这个问题，但是我不知道他们用的是不是mini系统了，这个方法也是在群里有朋友提出来，我试了可行上报给博主的，也请博主测试一下，我毕竟测试的环境比较少

回复 (<https://www.moerats.com/archives/387/?replyTo=10667#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

January 10th, 2019 at 07:54 pm

@oyanli 一般这个问题在mini系统里才会出现，不过感谢提供。

回复 (<https://www.moerats.com/archives/387/?replyTo=10674#respond-post-387>)



**tiny**

January 6th, 2019 at 02:10 pm

1.2.1版本更新后选择bbrplus内核后一直不成功，显示加速是lotserver。加速模块也是显示未安装。搬瓦工的centos7

回复 (<https://www.moerats.com/archives/387/?replyTo=10468#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

January 6th, 2019 at 07:04 pm

@tiny 你是说安装bbrplus内核后，重启脚本还显示锐速内核？

回复 (<https://www.moerats.com/archives/387/?replyTo=10478#respond-post-387>)



**tiny**

January 6th, 2019 at 07:33 pm

@Rat's 是的。已经搞定了，换了个脚本。

回复 (<https://www.moerats.com/archives/387/?replyTo=10481#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

January 6th, 2019 at 08:10 pm

@tiny

这个目前只能这样，bbrplus是另一个大佬在维护，在Vultr上测试是没问题的，其它的暂不知道。

回复 (<https://www.moerats.com/archives/387/?replyTo=10483#respond-post-387>)



**tiny**

January 7th, 2019 at 10:53 am

@Rat's 重新运行了一下yum-complete-transaction就好了

回复 (<https://www.moerats.com/archives/387/?replyTo=10492#respond-post-387>)



**arolis**

December 27th, 2018 at 07:56 pm

老大，服务器上有多个ip，怎么指定一个用户用一个ip

回复 (<https://www.moerats.com/archives/387/?replyTo=9993#respond-post-387>)



**Rat's** (<http://www.moerats.com/>)

博主

December 27th, 2018 at 08:12 pm

@arolis 具体指的啥。

回复 (<https://www.moerats.com/archives/387/?replyTo=9997#respond-post-387>)



**sunpma**

December 25th, 2018 at 11:14 am

OP8欧 Ubuntu16.04 64位 安装重启后ssh连不上，试了两次都是这样，干净系统，不知咋回事...

回复 (<https://www.moerats.com/archives/387/?replyTo=9912#respond-post-387>)



**Cat's**

January 6th, 2019 at 07:41 pm

@sunpma 用移动公司的网线下试试.碰到过装完bbr联通连不上ssh移动却可以.原因不明换个内核就正常了 🤔 (<http://www.moerats.com/usr/paopao/挖鼻.png>)

回复 (<https://www.moerats.com/archives/387/?replyTo=10482#respond-post-387>)



**Rat's** (<http://www.moerats.com/>)

博主

December 25th, 2018 at 01:54 pm

@sunpma 换个系统看看。

回复 (<https://www.moerats.com/archives/387/?replyTo=9922#respond-post-387>)



**li**

December 24th, 2018 at 02:53 am

请问4.19.5-1.el7.elrepo.x86\_64 支援吗?

为什么[root@company ~]# echo "obj-m:=tcp\_tsunami.o" > Makefile

[root@company ~]# make -C /lib/modules/uname -r/build M=pwd modules CC=/usr/bin/gcc

make: \*/lib/modules/4.19.5-1.el7.elrepo.x86\_64/build: No such file or directory. Stop.

回复 (<https://www.moerats.com/archives/387/?replyTo=9854#respond-post-387>)



**Rat's** (<http://www.moerats.com/>)

博主

December 24th, 2018 at 10:36 am



@li 最新内核的参数有变动，所以魔改并不适合最新内核。

回复 (<https://www.moerats.com/archives/387/?replyTo=9865#respond-post-387>)



li

December 25th, 2018 at 01:28 am

@Rat's 你好,那如果更改到旧版的内核会不会影响现有的系统,谢谢!

回复 (<https://www.moerats.com/archives/387/?replyTo=9898#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

December 25th, 2018 at 09:42 am

@li 只要不是太旧的内核就不会，具体得看你装的环境要求。

回复 (<https://www.moerats.com/archives/387/?replyTo=9902#respond-post-387>)



Life

December 15th, 2018 at 02:36 am

求分享个搭建55r的，你网站以前有个冒失404了。。。

回复 (<https://www.moerats.com/archives/387/?replyTo=9505#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

December 21st, 2018 at 12:17 pm

@Life 那篇教程百度第一很方，所以暂时隐藏了，现在收录全掉了，又重新补了，地址不变：<https://www.moerats.com/archives/262/>。

回复 (<https://www.moerats.com/archives/387/?replyTo=9741#respond-post-387>)



Fox

December 14th, 2018 at 06:22 pm

您好 好像vultr的新加坡vps无法开启魔改BBR 系统是Debian 9 64

日志如下：

```
/bin/sh: 1: /usr/bin/gcc-4.9: not found
scripts/Makefile.build:300: recipe for target '/root/bbrmod/tcp_nanqinlang.o' failed
make[1]: * [/root/bbrmod/tcp_nanqinlang.o] Error 127
Makefile:1492: recipe for target '_module_/root/bbrmod' failed
make: * [_module_/root/bbrmod] Error 2
make: Leaving directory '/usr/src/linux-headers-4.11.8-041108-generic'
install: cannot stat 'tcp_nanqinlang.ko': No such file or directory
cp: cannot stat './tcp_nanqinlang.ko': No such file or directory
net.ipv6.conf.all.accept_ra = 2
net.core.default_qdisc = fq
sysctl: setting key "net.ipv4.tcp_congestion_control": No such file or directory
net.ipv4.tcp_congestion_control = nanqinlang
[信息]魔改版BBR启动成功！
```

回复 (<https://www.moerats.com/archives/387/?replyTo=9485#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

December 14th, 2018 at 06:44 pm

@Fox gcc问题，可以用我下面给的ubuntu 18的方法试试？或者使用这个脚本<https://www.moerats.com/archives/382/>。

回复 (<https://www.moerats.com/archives/387/?replyTo=9487#respond-post-387>)



**Fox**

December 14th, 2018 at 08:04 pm

@Rat's 重置两次服务器发现被检测不是KVM架构服务器 换了Centos好了 多谢帮助

回复 (<https://www.moerats.com/archives/387/?replyTo=9493#respond-post-387>)



**小乌鸦**

December 8th, 2018 at 12:19 pm

该评论仅登录用户及评论双方可见

回复 (<https://www.moerats.com/archives/387/?replyTo=9265#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

December 8th, 2018 at 03:46 pm

@小乌鸦 或者你试试我博客另外的BBR脚本？文章下面有。

回复 (<https://www.moerats.com/archives/387/?replyTo=9266#respond-post-387>)



**小乌鸦**

December 8th, 2018 at 05:36 pm

@Rat's 该评论仅登录用户及评论双方可见

回复 (<https://www.moerats.com/archives/387/?replyTo=9268#respond-post-387>)



**小乌鸦**

December 7th, 2018 at 02:26 am

该评论仅登录用户及评论双方可见

回复 (<https://www.moerats.com/archives/387/?replyTo=9229#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

December 7th, 2018 at 06:19 am

@小乌鸦 这家好像有时候用脚本换内核是容易出问题，有时候需要手动，不过他的Debian 8貌似可以直接开启锐速，或者用Debian 9直接开启BBR。

回复 (<https://www.moerats.com/archives/387/?replyTo=9234#respond-post-387>)



**小乌鸦**

December 7th, 2018 at 12:46 am

该评论仅登录用户及评论双方可见

回复 (<https://www.moerats.com/archives/387/?replyTo=9228#respond-post-387>)



**sad**

December 4th, 2018 at 09:38 pm

ubuntu18 暴力BBR启动失败、魔改版BBR启动失败。。。

回复 (<https://www.moerats.com/archives/387/?replyTo=9131#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

December 5th, 2018 at 12:26 am

@sad Ubuntu 18的魔改bbr用的我下面发的那个方法？

回复 (<https://www.moerats.com/archives/387/?replyTo=9145#respond-post-387>)



**Tim**

November 28th, 2018 at 02:33 pm

搬瓦工 CentOS6 x86\_64 安装重启后机器就挂了，连不上，只能重装系统，试了两次了

回复 (<https://www.moerats.com/archives/387/?replyTo=8561#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

November 28th, 2018 at 08:51 pm

@Tim 搬瓦工直接Centos7 bbr系统吧。

回复 (<https://www.moerats.com/archives/387/?replyTo=8571#respond-post-387>)



**anadano**

November 27th, 2018 at 08:42 pm

centos7换bbr内核直接挂了怎么办  
从VNC看是Pribing edd什么的

回复 (<https://www.moerats.com/archives/387/?replyTo=8540#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

November 27th, 2018 at 09:53 pm

@anadano 这个问题没遇到过，所以不是很清楚。

回复 (<https://www.moerats.com/archives/387/?replyTo=8552#respond-post-387>)



**anadano**

November 27th, 2018 at 11:06 pm

@Rat's 所以我思考了五分钟，决定还是重装一次吧  
反正怎么启动也启不起来了

回复 (<https://www.moerats.com/archives/387/?replyTo=8556#respond-post-387>)



**yunqing**

November 26th, 2018 at 01:29 pm

安装完成后重启系统吗？大佬的文章不够平民化。。

回复 (<https://www.moerats.com/archives/387/?replyTo=8515#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

November 26th, 2018 at 05:44 pm

@yunqing 更换内核需要重启，脚本有提示重启。

回复 (<https://www.moerats.com/archives/387/?replyTo=8519#respond-post-387>)

toy



November 21st, 2018 at 02:41 pm

打死都安装不是锐速内核咋办啊，bbr一直在

回复 (<https://www.moerats.com/archives/387/?replyTo=8356#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

November 21st, 2018 at 08:25 pm

@toy 选择安装内核的时候，还显示BBR内核？你用这个命令看下当前内核uname -r，还一直显示4.9版本以上的的话，就只能手动换内核了，或者重装系统再运行脚本。



回复 (<https://www.moerats.com/archives/387/?replyTo=8364#respond-post-387>)



acc

November 19th, 2018 at 06:35 pm

Centos 6 x86\_64

错误] /boot/grub/grub.conf 找不到，请检查。  
该怎么帮啊！大神

回复 (<https://www.moerats.com/archives/387/?replyTo=8282#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

November 19th, 2018 at 09:04 pm

@acc 目测是OpenVZ架构？

回复 (<https://www.moerats.com/archives/387/?replyTo=8286#respond-post-387>)



acc

November 19th, 2018 at 06:33 pm

错误] /boot/grub/grub.conf 找不到，请检查。

回复 (<https://www.moerats.com/archives/387/?replyTo=8281#respond-post-387>)



233

November 16th, 2018 at 11:17 pm

作者你好，我的vps用秋水逸冰的测速脚本，亚洲地区下载速度都是200k左右，请问这个速度是用锐速，bbr还是魔改bbr呢，不太会，所以想先请教下再安装。谢谢了。

回复 (<https://www.moerats.com/archives/387/?replyTo=8157#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

November 17th, 2018 at 08:54 am

@233 看网络吧，网络丢包很大建议锐速，如果相对好些就BBR，具体使用效果还是需要你都试下。

回复 (<https://www.moerats.com/archives/387/?replyTo=8162#respond-post-387>)



233

November 17th, 2018 at 09:40 am

@Rat's ping了下一般不丢包，挺稳定的，就是网速慢，，，😓 (<http://www.moerats.com/usr/paopaopao/狂汗.png>)

回复 (<https://www.moerats.com/archives/387/?replyTo=8164#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

November 17th, 2018 at 04:16 pm

@233 那就用暴力魔改BBR。

回复 (<https://www.moerats.com/archives/387/?replyTo=8179#respond-post-387>)



**233**

November 19th, 2018 at 11:03 am

@Rat's 厉害额大佬，原来200k速度，暴力魔改bbr后峰值能到10m/s，油管4k能看，，，有惑就是魔改bbr不更新后会不会出问题，，

回复 (<https://www.moerats.com/archives/387/?replyTo=8256#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

November 19th, 2018 at 11:10 am

@233 不会出问题，内核新旧感觉对速度没啥区别，关键在一些参数。

回复 (<https://www.moerats.com/archives/387/?replyTo=8258#respond-post-387>)



**un**

November 16th, 2018 at 06:10 pm

ubuntu18 在未安装install net-tools时安装锐速内核后，执行6选项 好像会导致脚本闪退，加速内核開啟失敗...

回复 (<https://www.moerats.com/archives/387/?replyTo=8142#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

November 16th, 2018 at 09:20 pm

@un 锐速需要用到net-tools，不然安装不了，不过一般系统都自带net-tools。

回复 (<https://www.moerats.com/archives/387/?replyTo=8152#respond-post-387>)



**Alen**

November 8th, 2018 at 02:24 pm

有没有支持debian9的魔改BBR

回复 (<https://www.moerats.com/archives/387/?replyTo=7744#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

November 8th, 2018 at 02:57 pm

@Alen 有的，看这个<https://www.moerats.com/archives/523/>。

回复 (<https://www.moerats.com/archives/387/?replyTo=7747#respond-post-387>)



**Alen**

November 8th, 2018 at 03:36 pm

@Rat's 好像不行啊

You might want to run 'apt --fix-broken install' to correct these.

The following packages have unmet dependencies:

linux-headers-4.10.15-041015-generic : Depends: libssl1.0.0 (>= 1.0.0) but it is not installable

linux-headers-4.11.8-041108-generic : Depends: libssl1.0.0 (>= 1.0.0) but it is not install

able

E: Unmet dependencies. Try 'apt --fix-broken install' with no packages (or specify a solution).

tcp\_nanqinlang-test.sh: line 28: virt-what: command not found

[Error] only support KVM !

回复 (<https://www.moerats.com/archives/387/?replyTo=7753#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

November 8th, 2018 at 03:41 pm

@Alen 不支持ovz架构。可以看这个<https://www.moerats.com/archives/398/>。

回复 (<https://www.moerats.com/archives/387/?replyTo=7754#respond-post-387>)



**Alen**

November 8th, 2018 at 03:47 pm

@Rat's 有点头疼 算了 起码 BBR能用 就不魔改了。。。

回复 (<https://www.moerats.com/archives/387/?replyTo=7755#respond-post-387>)



**cgl**

October 19th, 2018 at 04:24 pm

请问显示当前状态：已安装 bbr加速内核，bbr魔改版启动失败怎么解决？试用了4和5都开不了，是我哪一步出现了问题？

回复 (<https://www.moerats.com/archives/387/?replyTo=7021#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

October 19th, 2018 at 09:18 pm

@cgl 具体情况未知，你试下这个脚本，个人认为差不多最好的一个<https://www.moerats.com/archives/382/>。

回复 (<https://www.moerats.com/archives/387/?replyTo=7028#respond-post-387>)



**cgl**

October 19th, 2018 at 09:29 pm

@Rat's 谢谢

回复 (<https://www.moerats.com/archives/387/?replyTo=7031#respond-post-387>)



**cgl**

October 19th, 2018 at 04:06 pm

请问显示当前状态：已安装 bbr加速内核，bbr魔改版启动失败怎么解决？

回复 (<https://www.moerats.com/archives/387/?replyTo=7020#respond-post-387>)



**BBC**

October 6th, 2018 at 07:33 am

如果之前安装了秋水逸冰的BBR加速，可以用这个脚本直接替换安装吗？

回复 (<https://www.moerats.com/archives/387/?replyTo=6648#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

October 6th, 2018 at 07:42 am

@BBC 可以，不影响。

回复 (<https://www.moerats.com/archives/387/?replyTo=6649#respond-post-387>)



墨海

October 1st, 2018 at 12:04 pm

博主 就是用了bbr加速网速是非常非常快的，但是有个问题就是 它这个速度是这样的比如看个视频或者打开个网页起步网速很慢 它网速是按照50kb 200kb 400kb 700kb 900kb 1.2mb这样慢慢的上来的，不是直接1.2mb 2.5mb这样的 就可以直接播放了，这样就导致了看个视频需要至少缓冲10秒才能播放或者打开网页转圈圈几秒才出来。你们也是这样的吗 有什么解决办法吗博主谢谢。

回复 (<https://www.moerats.com/archives/387/?replyTo=6288#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

October 1st, 2018 at 12:48 pm

@墨海 用锐速，锐速一开始就暴力，bbr的速度是慢慢起来。

回复 (<https://www.moerats.com/archives/387/?replyTo=6290#respond-post-387>)



墨海

October 1st, 2018 at 01:00 pm

@Rat's 好滴 谢谢博主

回复 (<https://www.moerats.com/archives/387/?replyTo=6291#respond-post-387>)



墨海

October 1st, 2018 at 07:12 pm

@墨海 博主 又来麻烦您了 就是有个问题我用锐速加速后然后选择了8系统配置优化 然后就出现了vps的系统时间与硬件时间对不上了，导致cpu彪高，硬件时间手动修改了还是没用一会又还原了，怎么还原 系统配置优化前的时候呀 或者不还原可以解决这个问题吗。。。

回复 (<https://www.moerats.com/archives/387/?replyTo=6315#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

October 2nd, 2018 at 10:46 am

@墨海 一般cpu彪高与时间没关系的，用top命令看看进程，锐速安装的时候已经自动优化了。

回复 (<https://www.moerats.com/archives/387/?replyTo=6329#respond-post-387>)



2333

September 28th, 2018 at 10:28 pm

Ubuntu 18.04 删除内核环节时候直接选择了yes 现在暴力BBR 以及魔改BBR都无法启动 如何卸载重新安装

回复 (<https://www.moerats.com/archives/387/?replyTo=6236#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

September 28th, 2018 at 11:38 pm

@2333 重新运行一次脚本安装内核看看。

回复 (<https://www.moerats.com/archives/387/?replyTo=6240#respond-post-387>)



k

September 3rd, 2018 at 10:34 pm



感谢博主，哈哈1080流畅体验😄 (//www.moerats.com/usr/paopao/哈哈.png)

回复 (<https://www.moerats.com/archives/387/?replyTo=5694#respond-post-387>)



opvz

September 3rd, 2018 at 04:03 pm

使用魔改版bbr加速后，输入lsmod | grep bbr没有反应，正常吗？

回复 (<https://www.moerats.com/archives/387/?replyTo=5689#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

September 3rd, 2018 at 04:37 pm

@opvz 这个命令是检查BBR的，检查非暴力的魔改BBR用lsmod | grep tsunami。

回复 (<https://www.moerats.com/archives/387/?replyTo=5690#respond-post-387>)



opvz

September 3rd, 2018 at 05:02 pm

@Rat's 暴力版怎么看

回复 (<https://www.moerats.com/archives/387/?replyTo=5691#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

September 3rd, 2018 at 08:03 pm

@opvz 暴力版用lsmod | grep nanqinlang。

回复 (<https://www.moerats.com/archives/387/?replyTo=5692#respond-post-387>)



opvz

September 3rd, 2018 at 10:08 pm

@Rat's 谢谢博主

回复 (<https://www.moerats.com/archives/387/?replyTo=5693#respond-post-387>)



kason

August 22nd, 2018 at 12:44 am

安装完BBR内核后提示要重启，然后重启就进不去55了，打开搬瓦工主页，发现SSH PORT也没有了，现在这么办啊，现在根本不能上了，查了一下我的IP，没有被封

回复 (<https://www.moerats.com/archives/387/?replyTo=5414#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

August 22nd, 2018 at 07:56 am

@kason Centos系统么？你可以用瓦工自带bbr的系统，这样可以不用折腾。

回复 (<https://www.moerats.com/archives/387/?replyTo=5416#respond-post-387>)



神刀

August 31st, 2018 at 01:41 am

@Rat's [注意] 重启VPS后，请重新运行脚本开启BBR/BBR魔改版  
需要重启VPS后，才能开启BBR/BBR魔改版，是否现在重启？[Y/n]:y  
[信息] VPS 重启中...

Connection closing...Socket close.

Connection closed by foreign host.

Disconnected from remote host(45.63.68.250:22) at 01:09:19.

Type `help` to learn how to use Xshell prompt.

我的是vultr 重启后就连不上

回复 (<https://www.moerats.com/archives/387/?replyTo=5590#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

August 31st, 2018 at 11:34 am

@神刀 Vultr是这样的，有时候运行命令都会断开，然后过会才能连上。

回复 (<https://www.moerats.com/archives/387/?replyTo=5592#respond-post-387>)



**XXXS**

August 13th, 2018 at 04:20 pm

请问我现在装了别的地方的一键锐速的，还能用这个脚本装魔改bbr吗？

回复 (<https://www.moerats.com/archives/387/?replyTo=5133#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

August 13th, 2018 at 09:43 pm

@xxxs 可以用，不影响，但你的锐速会挂掉，只能存在一个。

回复 (<https://www.moerats.com/archives/387/?replyTo=5149#respond-post-387>)



**Grivity**

August 11th, 2018 at 10:20 am

为什么我重启的时候提示连接不成功啊,不能贴图吗

回复 (<https://www.moerats.com/archives/387/?replyTo=5022#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

August 11th, 2018 at 11:55 am

@Grivity 具体是什么链接不成功。

回复 (<https://www.moerats.com/archives/387/?replyTo=5032#respond-post-387>)



**Grivity**

August 11th, 2018 at 11:47 pm

@Rat's 就是脚本执行完1后要重启，然后重启后不能直接自动连接上主机，后来才发现是没有自动登陆到vps上，然后我自己再文件那点了重新连接就连接上了，你们都要这样操作吗？

回复 (<https://www.moerats.com/archives/387/?replyTo=5067#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

August 12th, 2018 at 02:29 pm

@Grivity 重启后，需要手动连接SSH客户端。怎么会自动连接。

回复 (<https://www.moerats.com/archives/387/?replyTo=5086#respond-post-387>)



**William\_Lu**

August 1st, 2018 at 12:59 pm

Debian8 开启魔改版提示Package "gcc-4.9" has no installation candidate 更换apt-get官方源为163源后解决

回复 (<https://www.moerats.com/archives/387/?replyTo=4826#respond-post-387>)



LI

September 27th, 2018 at 10:52 pm

@William\_Lu 遇到相同的问题，求源，我更换后也下不了gcc-4.9，系统debain9

回复 (<https://www.moerats.com/archives/387/?replyTo=6211#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

September 28th, 2018 at 04:01 pm

@LI 百度很多的，给个链接你，<https://blog.csdn.net/yjk13703623757/article/details/78943345/>。

回复 (<https://www.moerats.com/archives/387/?replyTo=6220#respond-post-387>)



LI

September 30th, 2018 at 01:16 am

@Rat's 已换n个源，都不行，会不会因为系统自带高版本，弄不了。。。

回复 (<https://www.moerats.com/archives/387/?replyTo=6263#respond-post-387>)



LI

September 29th, 2018 at 11:59 pm

@Rat's 我试过了这个，不行。。。换了以后也下载不了gcc4.9

回复 (<https://www.moerats.com/archives/387/?replyTo=6261#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

September 30th, 2018 at 12:07 pm

@LI 你可以试下手动安装暴力魔改，<https://www.moerats.com/archives/522/>。

回复 (<https://www.moerats.com/archives/387/?replyTo=6270#respond-post-387>)



qq--qq

July 10th, 2018 at 12:23 am

这个加速开启了一段时间后重启系统后需要重新开启加速吗？

回复 (<https://www.moerats.com/archives/387/?replyTo=4324#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

July 10th, 2018 at 09:18 am

@qq--qq 不需要，重启自动加速。

回复 (<https://www.moerats.com/archives/387/?replyTo=4330#respond-post-387>)



Wakano

July 6th, 2018 at 08:24 pm

安装内核后是不是要重启进菜单按4，5才生效😡 (<http://www.moerats.com/usr/paopao/委屈.png>)

回复 (<https://www.moerats.com/archives/387/?replyTo=4268#respond-post-387>)

Rat's (<http://www.moerats.com/>) 博主



July 7th, 2018 at 10:37 am

@Wakano 肯定要重启的，4或5看需求吧。

回复 (<https://www.moerats.com/archives/387/?replyTo=4270#respond-post-387>)



龙哥 (<https://www.kingdragon.pw/>)

September 12th, 2018 at 12:07 am

@Rat's 重启了要手动开启暴力魔改吗

回复 (<https://www.moerats.com/archives/387/?replyTo=5868#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

September 12th, 2018 at 02:56 pm

@龙哥 重启后用脚本开启就可以了。

回复 (<https://www.moerats.com/archives/387/?replyTo=5895#respond-post-387>)



当当当

June 24th, 2018 at 07:09 pm

博主哒哒 已经成功装上魔改BBR了，第8项的系统配置优化到底是优化啥 优化了网速方面会快些吗？

回复 (<https://www.moerats.com/archives/387/?replyTo=4033#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

June 24th, 2018 at 08:21 pm

@当当当 优化了一些参数，效果更好些吧。

回复 (<https://www.moerats.com/archives/387/?replyTo=4034#respond-post-387>)



masha

June 23rd, 2018 at 09:41 pm

2018-06-23 13:40:51 (14.0 MB/s) - 'tcp.sh' saved [20871/20871]

```
root@mashasr:~# apt install make gcc -y
```

```
Reading package lists... Done
```

```
Building dependency tree
```

```
Reading state information... Done
```

```
gcc is already the newest version (4:7.3.0-3ubuntu2).
```

```
make is already the newest version (4.1-9.1ubuntu1).
```

```
The following package was automatically installed and is no longer required:
```

```
grub-pc-bin
```

```
Use 'apt autoremove' to remove it.
```

```
0 upgraded, 0 newly installed, 0 to remove and 85 not upgraded.
```

```
root@mashasr:~# sed -i 's#/usr/bin/gcc-4.9#/usr/bin/gcc#g' '/root/tcp.sh'
```

```
root@mashasr:~# ./tcp.sh
```

```
-bash: ./tcp.sh: Permission denied
```

回复 (<https://www.moerats.com/archives/387/?replyTo=4017#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

June 23rd, 2018 at 10:24 pm

@masha 权限问题，你先执行chmod +x tcp.sh。

回复 (<https://www.moerats.com/archives/387/?replyTo=4018#respond-post-387>)

DF

June 16th, 2018 at 10:28 am

哈哈哈，太酷了，暴力BBR速度炸裂

回复 (<https://www.moerats.com/archives/387/?replyTo=3889#respond-post-387>)



当当当

June 21st, 2018 at 10:24 pm

@DF 什么系统。老铁。速度有多快??

回复 (<https://www.moerats.com/archives/387/?replyTo=3990#respond-post-387>)



HQHQHHHQ

June 8th, 2018 at 01:15 pm

Ubuntu 18.04 x64可以启动BBR，但不能启动魔改BBR和暴力BBR，显示启动失败

回复 (<https://www.moerats.com/archives/387/?replyTo=3699#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

June 8th, 2018 at 05:27 pm

@HQHQHHHQ 我刚看了下，Ubuntu 18.04确实有点问题，后续改善，你先下载脚本，然后运行命令apt install make gcc -y，再运行sed -i 's#/usr/bin/gcc-4.9#/usr/bin/gcc#g' '/root/tcp.sh'，最后./tcp.sh运行脚本就可以了。

回复 (<https://www.moerats.com/archives/387/?replyTo=3713#respond-post-387>)



七夏浅笑 (<https://www.julydate.com>)

June 2nd, 2018 at 12:12 pm

centos7 使用脚本安装启动bbr成功过后正常，但是重启过后bbr就启动失败了。

脚本里加上这行：

```
echo "tcp_bbr" >> /etc/modules-load.d/modules.conf
```

回复 (<https://www.moerats.com/archives/387/?replyTo=3540#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

June 2nd, 2018 at 03:33 pm

@七夏浅笑 安装后是不会重启失效的，你后面的意思是修改了脚本还是脚本需要加上这行？

回复 (<https://www.moerats.com/archives/387/?replyTo=3552#respond-post-387>)



生活的勇者 (<http://www.likuso.com/city250/191550.html>)

June 1st, 2018 at 08:55 pm

我装了丢包还是好严重啊，什么情况

回复 (<https://www.moerats.com/archives/387/?replyTo=3522#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

June 1st, 2018 at 09:46 pm

@生活的勇者 服务器线路不好，加钱换个好的服务器即可解决，不然就将就。

回复 (<https://www.moerats.com/archives/387/?replyTo=3526#respond-post-387>)



灯火阑珊 (<http://www.acgbox.top>)

May 23rd, 2018 at 12:56 pm

这个脚本openvz可以用吗？

回复 (<https://www.moerats.com/archives/387/?replyTo=3159#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

May 23rd, 2018 at 01:24 pm

@灯火阑珊 不能，只能kvm。

回复 (<https://www.moerats.com/archives/387/?replyTo=3162#respond-post-387>)



jj520

May 19th, 2018 at 01:30 am

Ubuntu 17.04 独立服务器，装锐速后启动死机，console端都没有反应🙄 (<http://www.moerats.com/usr/paopao/泪.png>)

回复 (<https://www.moerats.com/archives/387/?replyTo=3056#respond-post-387>)



jj520

May 19th, 2018 at 01:49 am

@jj520 这个脚本比较严重的问题在于，安装新内核以后会把原来的系统内核卸载，而不能从GRUB启动时去选择。一旦有问题就极其麻烦！我都只能重装整个服务器了！崩溃。。。🙄 (<http://www.moerats.com/usr/paopao/泪.png>)

回复 (<https://www.moerats.com/archives/387/?replyTo=3057#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

May 19th, 2018 at 06:19 am

@jj520 魔改bbr和锐速的内核一般都是固定给你替换的，不然会装不了。有时候可能会出现点问题，这时候就体现了手动的好处。博客魔改bbr教程很多，你搜索下其他教程看看。

回复 (<https://www.moerats.com/archives/387/?replyTo=3059#respond-post-387>)



adfasdf

May 18th, 2018 at 10:49 pm

不知道这个脚本安装的centos的内核是到多少版本的？有没有最新的4.16.x啊

回复 (<https://www.moerats.com/archives/387/?replyTo=3053#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

May 18th, 2018 at 11:21 pm

@adfasdf 默认4.11，4.16.x目前还没有魔改bbr，等大神研究吧。有时候不一定内核越高就越好。

回复 (<https://www.moerats.com/archives/387/?replyTo=3055#respond-post-387>)



CC

May 12th, 2018 at 12:53 am

用的Centos 55RMU 创建一个端口 然后使用的暴力魔改bbr加速后 ping端口ping不通, 把bbr卸载后就正常了, 这是bbr的副作用吗, 我之前一直搭配这个bbr和55rmu使用, 每隔1-3天端口就有时候ping不通, 要把端口换一个才能, 但是我刚刚安装完bbr后, 我原本的55rmu的端口就ping不同了, 然后我卸载之后, 就ping的通了, 请问这个是副作用或者还是Centos的问题?

回复 (<https://www.moerats.com/archives/387/?replyTo=2986#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

May 12th, 2018 at 12:58 pm

@CC 可能防火墙的问题, 端口问题在OVZ的BBR遇到挺多, KVM好像没咋遇到过。你可以使用锐速。



回复 (<https://www.moerats.com/archives/387/?replyTo=2987#respond-post-387>)



糯米团长

May 8th, 2018 at 02:06 pm

实测DO的服务器, 用暴力BBR 4K 给几秒缓冲完全不卡, 但是换锐速1080P都卡, 用的是教育网IPV6, 供大家参考

回复 (<https://www.moerats.com/archives/387/?replyTo=2913#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

May 8th, 2018 at 03:25 pm

@糯米团长 线路不好的适合锐速, 好的魔改BBR, 具体还需要自己亲自体验。

回复 (<https://www.moerats.com/archives/387/?replyTo=2914#respond-post-387>)



绘画画的小猫

April 25th, 2018 at 06:09 pm

我想问这个版本, 我装kvm架构很好用, 能装在xen架构上吗, 好像不行吧

回复 (<https://www.moerats.com/archives/387/?replyTo=2741#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

April 25th, 2018 at 06:45 pm

@绘画画的小猫 可以的, 你试试。

回复 (<https://www.moerats.com/archives/387/?replyTo=2742#respond-post-387>)



hohenheim

April 16th, 2018 at 08:15 pm

加速会消耗更多的流量吗? 我用的是digitalocean我必须自己计算流量, 所以想问一下。

回复 (<https://www.moerats.com/archives/387/?replyTo=2518#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

April 16th, 2018 at 08:33 pm

@hohenheim 不会, 但消耗的快, Do用完再开就好了, 何况流量都很难用完,

回复 (<https://www.moerats.com/archives/387/?replyTo=2519#respond-post-387>)



alin

April 25th, 2018 at 03:52 pm



@Rat's 我看到脚本有1.1.4版本，请问更新了什么呢？

回复 (<https://www.moerats.com/archives/387/?replyTo=2732#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

April 25th, 2018 at 05:28 pm

@alin 暴力魔改支持centos。

回复 (<https://www.moerats.com/archives/387/?replyTo=2738#respond-post-387>)



lemonsu

April 12th, 2018 at 08:50 am

cloudcone安装这个脚本后再怎么操作呢，纯小白。。。

回复 (<https://www.moerats.com/archives/387/?replyTo=2422#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

April 12th, 2018 at 02:25 pm

@lemonsu 装好就不需要操作了，只是个网络加速用的。

回复 (<https://www.moerats.com/archives/387/?replyTo=2430#respond-post-387>)



wzb

April 11th, 2018 at 11:39 am

I can not run 'ifconfig' successfully! 🙄 (<http://www.moerats.com/usr/paopao/小乖.png>)

回复 (<https://www.moerats.com/archives/387/?replyTo=2382#respond-post-387>)



wzb

April 11th, 2018 at 11:49 am

@wzb apt-get install net-tools解决

回复 (<https://www.moerats.com/archives/387/?replyTo=2385#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

April 11th, 2018 at 11:47 am

@wzb ifconfig跑不起来，可能内存太低了。或者换个系统试试。

回复 (<https://www.moerats.com/archives/387/?replyTo=2383#respond-post-387>)



art3mis

April 10th, 2018 at 02:56 pm

请问用米兰服务器搭的那个GoogleDrive网盘，建议用哪个呢？

回复 (<https://www.moerats.com/archives/387/?replyTo=2377#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

April 10th, 2018 at 03:11 pm


@art3mis 网络差的话，锐速效果好些，网络还可以的话就魔改BBR。

回复 (<https://www.moerats.com/archives/387/?replyTo=2379#respond-post-387>)

十六夜.落枫



April 10th, 2018 at 12:19 am

OVZ可用否?  (<http://www.moerats.com/usr/paopao/阴险.png>)

回复 (<https://www.moerats.com/archives/387/?replyTo=2372#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

April 10th, 2018 at 07:48 am

@十六夜.落枫 不能, ovz只能用专用的bbr脚本。

回复 (<https://www.moerats.com/archives/387/?replyTo=2374#respond-post-387>)

**dok**

April 9th, 2018 at 11:57 pm

感谢博主分享, 我这里锐速比BBR快多了

回复 (<https://www.moerats.com/archives/387/?replyTo=2369#respond-post-387>)



**ivanyan**

April 9th, 2018 at 02:42 pm

锐速和魔改bbr哪个快一点, 效果好

回复 (<https://www.moerats.com/archives/387/?replyTo=2359#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

April 9th, 2018 at 03:39 pm

@ivanyan 锐速快些, 网络差就锐速, 好点的就魔改BBR。

回复 (<https://www.moerats.com/archives/387/?replyTo=2362#respond-post-387>)



**Kale**

April 8th, 2018 at 12:45 pm

脚本里的Lotserver是破解版吗?

回复 (<https://www.moerats.com/archives/387/?replyTo=2341#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

April 8th, 2018 at 02:24 pm

@Kale 对的。

回复 (<https://www.moerats.com/archives/387/?replyTo=2343#respond-post-387>)



**123456225**

March 24th, 2018 at 12:42 am

第8项是什么来的? 已经成功装上魔改BBR了, 还要运行第8项的 系统配置优化 吗?

回复 (<https://www.moerats.com/archives/387/?replyTo=2056#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

March 24th, 2018 at 07:35 am

@123456225 可以不需要。

回复 (<https://www.moerats.com/archives/387/?replyTo=2058#respond-post-387>)



**小A**

March 22nd, 2018 at 01:11 pm

博主，请问用这个脚本安了魔改bbr，脚本显示魔改bbr启动成功但是lsmod | grep bbr没反应是成功了还是没成功啊

回复 (<https://www.moerats.com/archives/387/?replyTo=1995#respond-post-387>)

**Rat's (<http://www.moerats.com/>)** 博主

March 22nd, 2018 at 02:24 pm

@小A 没BBR返回数据？

回复 (<https://www.moerats.com/archives/387/?replyTo=1998#respond-post-387>)

**hong**

March 21st, 2018 at 12:04 am

装了锐速，想换魔改。一直换不了。怎么办

回复 (<https://www.moerats.com/archives/387/?replyTo=1954#respond-post-387>)

**Rat's (<http://www.moerats.com/>)** 博主

March 21st, 2018 at 12:35 am

@hong 卸载锐速后，用脚本试试？

回复 (<https://www.moerats.com/archives/387/?replyTo=1955#respond-post-387>)

**y**

May 19th, 2018 at 01:59 pm

@Rat's 咋都卸不掉。。

回复 (<https://www.moerats.com/archives/387/?replyTo=3071#respond-post-387>)

**Rat's (<http://www.moerats.com/>)** 博主

May 19th, 2018 at 03:55 pm

@y 试试这个脚本安装魔改bbr: <https://www.moerats.com/archives/382/>。

回复 (<https://www.moerats.com/archives/387/?replyTo=3075#respond-post-387>)

**CC**

March 11th, 2018 at 09:17 pm

不支持Debian 9的吗...

回复 (<https://www.moerats.com/archives/387/?replyTo=1807#respond-post-387>)

**Rat's (<http://www.moerats.com/>)** 博主

March 11th, 2018 at 10:38 pm

@CC 支持BBR，魔改不支持。

回复 (<https://www.moerats.com/archives/387/?replyTo=1816#respond-post-387>)

**zhenghuaiyu**

March 10th, 2018 at 07:36 pm

有bug

2018-03-10 06:36:09 (1.79 MB/s) - 'tcp\_nanqinlang.c' saved [36157/36157]

make: Entering directory `/usr/src/kernels/4.11.8-1.el7.elrepo.x86\_64'

CC [M] /root/tcp\_nanqinlang.o

Building modules, stage 2.

MODPOST 1 modules

LD [M] /root/tcp\_nanqinlang.ko

make: Leaving directory `/usr/src/kernels/4.11.8-1.el7.elrepo.x86\_64'



(//www.moerats.com/usr/paopao/小乖.png)insmod: ERROR: could not load module tcp\_tsunami.ko: No such file or directory (//www.moerats.com/usr/paopao/小乖.png)



回复 (<https://www.moerats.com/archives/387/?replyTo=1778#respond-post-387>)



**zhenghuaiyu**

March 10th, 2018 at 07:38 pm

@zhenghuaiyu centos7

回复 (<https://www.moerats.com/archives/387/?replyTo=1779#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

March 10th, 2018 at 10:20 pm

@zhenghuaiyu 这个不算bug吧，好像是gcc问题，你换系统试试。

回复 (<https://www.moerats.com/archives/387/?replyTo=1788#respond-post-387>)



**zhenghuaiyu**

March 11th, 2018 at 03:28 am

@Rat's 求调试修复 centos6 已经快入土了 (//www.moerats.com/usr/paopao/笑尿.png)

回复 (<https://www.moerats.com/archives/387/?replyTo=1795#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

March 11th, 2018 at 07:15 pm

@zhenghuaiyu 会给修复的，你先换系统，或者用另一个脚本试试，查看：<https://www.moerats.com/archives/382/>。

回复 (<https://www.moerats.com/archives/387/?replyTo=1799#respond-post-387>)



**taibin** (<http://www.nosite.site>)

March 7th, 2018 at 09:17 pm

博主用过的锐速，原生bbr和魔改bbr哪个更快更稳定？我现在用的锐速，不快也不慢，看到你们说魔改bbr出来比锐速好我又有点心痒痒了，但看到出那么多问题又不想折腾，你对比过几个的速度和稳定性吗？

回复 (<https://www.moerats.com/archives/387/?replyTo=1743#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

March 7th, 2018 at 09:33 pm

@taibin 个人推荐魔改BBR。

回复 (<https://www.moerats.com/archives/387/?replyTo=1744#respond-post-387>)



**taibin** (<http://t.cn/rhpqddq>)

March 7th, 2018 at 10:48 pm

@Rat's centos6+是指最少都要7吗

回复 (<https://www.moerats.com/archives/387/?replyTo=1745#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

March 8th, 2018 at 08:25 am

@taibin 包括6。

回复 (<https://www.moerats.com/archives/387/?replyTo=1746#respond-post-387>)



Ahai

March 5th, 2018 at 11:21 pm

感谢dalao无私分享 顺便露娜赛高。

回复 (<https://www.moerats.com/archives/387/?replyTo=1730#respond-post-387>)



ldldlr

March 5th, 2018 at 04:47 pm

hello博主，安装后中文为乱码怎么办呢。。。用的xshell

回复 (<https://www.moerats.com/archives/387/?replyTo=1726#respond-post-387>)



ldldlr

March 5th, 2018 at 04:55 pm

@ldldlr 我大概知道为什么了。。。谢谢。。。

回复 (<https://www.moerats.com/archives/387/?replyTo=1727#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

March 5th, 2018 at 05:20 pm

@ldldlr 是脚本显示乱码？

回复 (<https://www.moerats.com/archives/387/?replyTo=1728#respond-post-387>)



HateRei

March 2nd, 2018 at 08:52 pm

cloudcone服务器centos6 试水，更换内核后服务器爆炸，直接连PING都PING不通，重启关机都不管用，只能重装系统←\_←脚本有毒。

回复 (<https://www.moerats.com/archives/387/?replyTo=1690#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

March 2nd, 2018 at 08:55 pm

@HateRei CC家我都是用的Debian 9，自带BBR内核，没怎么折腾它。

回复 (<https://www.moerats.com/archives/387/?replyTo=1692#respond-post-387>)



DylanX

February 21st, 2018 at 06:07 pm

我也在用CloudCone啦，您的blog速度好快啊，请问您用的是什么加速呢？

回复 (<https://www.moerats.com/archives/387/?replyTo=1547#respond-post-387>)

Rat's (<http://www.moerats.com/>) 博主



February 21st, 2018 at 09:24 pm

@DylanX 我没用加速，现在搬到了香港而已。

回复 (<https://www.moerats.com/archives/387/?replyTo=1552#respond-post-387>)



DylanX

February 22nd, 2018 at 12:32 pm

@Rat's 不用CloneCone了吗还是CloneCone可以选香港的服务器？

回复 (<https://www.moerats.com/archives/387/?replyTo=1558#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

February 22nd, 2018 at 12:39 pm

@DylanX 过些日子再用，现在又搬到了vultr日本。

回复 (<https://www.moerats.com/archives/387/?replyTo=1559#respond-post-387>)



DylanX

February 23rd, 2018 at 09:00 pm

@Rat's 哦哦这样啊。

回复 (<https://www.moerats.com/archives/387/?replyTo=1586#respond-post-387>)



Adam

February 5th, 2018 at 01:20 am

博主，有命令可以查询BBR是否开启了吗？用lsmod | grep bbr这个没反应，期待您的答案，感谢~

回复 (<https://www.moerats.com/archives/387/?replyTo=1362#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

February 5th, 2018 at 09:18 am

@Adam 目前来说好像就这个，没反应说明没开启成功吧。

回复 (<https://www.moerats.com/archives/387/?replyTo=1365#respond-post-387>)



Adam

February 5th, 2018 at 12:13 pm

@Rat's 好的，明白，感谢您的回复，谢谢~

回复 (<https://www.moerats.com/archives/387/?replyTo=1370#respond-post-387>)



Jackie

January 26th, 2018 at 07:07 pm

今天发现一个问题，执行了yum的更新后，被更新的内核无论如何再重新安装BBR魔改或者开启BBR魔改都依然无效。但可以换秋水逸冰的一键BBR内核。

回复 (<https://www.moerats.com/archives/387/?replyTo=1243#respond-post-387>)



XX (<http://ipz.me>)

February 24th, 2018 at 01:05 pm

@Jackie 先用秋水逸冰的那个脚本更新内核，然后再执行博主的脚本即可。

回复 (<https://www.moerats.com/archives/387/?replyTo=1598#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

January 26th, 2018 at 08:15 pm

**@Jackie** 我现在都是锐速，不过你的这个问题难道与CPU漏洞有关。

回复 (<https://www.moerats.com/archives/387/?replyTo=1246#respond-post-387>)



**Xxxx**

January 24th, 2018 at 03:23 pm

这个能设置加速端口吗。

回复 (<https://www.moerats.com/archives/387/?replyTo=1233#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

January 24th, 2018 at 04:05 pm

**@Xxxx** 默认加速端口的，不用设置。

回复 (<https://www.moerats.com/archives/387/?replyTo=1234#respond-post-387>)



**Xxxx**

January 24th, 2018 at 04:27 pm

**@Rat's** 我是想设置某个端口不用，不行吗

回复 (<https://www.moerats.com/archives/387/?replyTo=1235#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

January 24th, 2018 at 04:49 pm

**@Xxxx** 不行，这是全局加速。

回复 (<https://www.moerats.com/archives/387/?replyTo=1236#respond-post-387>)



**秋风**

January 23rd, 2018 at 05:17 pm

已经锁了半个月了

回复 (<https://www.moerats.com/archives/387/?replyTo=1222#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

January 23rd, 2018 at 07:40 pm

**@秋风** 发工单问吧。

回复 (<https://www.moerats.com/archives/387/?replyTo=1223#respond-post-387>)



**秋风**

January 15th, 2018 at 10:15 pm

那天装了2个小时，试了很多脚本。被停机了

回复 (<https://www.moerats.com/archives/387/?replyTo=1172#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

January 15th, 2018 at 10:33 pm

**@秋风** 直接用魔改bbr吧。话说很少见过装这些被停机的。

回复 (<https://www.moerats.com/archives/387/?replyTo=1173#respond-post-387>)



**秋风**

January 16th, 2018 at 07:17 am

**@Rat's** 还有个问题请教下，装好的主机直接就可以用wget命令，还是要重装下wget

回复 (<https://www.moerats.com/archives/387/?replyTo=1174#respond-post-387>)

**秋风**

January 23rd, 2018 at 01:35 pm

**@秋风** 帮忙看下，怎么回事。也不能重装系统

回复 (<https://www.moerats.com/archives/387/?replyTo=1220#respond-post-387>)

**Rat's (<http://www.moerats.com/>)** 博主

January 23rd, 2018 at 02:49 pm

**@秋风** 善用翻译，因为CPU过高暂时被锁了吧。一两个小时就解了。

回复 (<https://www.moerats.com/archives/387/?replyTo=1221#respond-post-387>)

**Rat's (<http://www.moerats.com/>)** 博主

January 16th, 2018 at 08:31 am

**@秋风** 大部分可以直接使用，少部分比如有的CentOS会遇到-bash: wget: command not found错误，这时需要yum install wget安装了。

回复 (<https://www.moerats.com/archives/387/?replyTo=1175#respond-post-387>)

**秋风**

January 16th, 2018 at 09:06 am

**@Rat's** 装魔改bbr 用不用先挂上爱思爱思

回复 (<https://www.moerats.com/archives/387/?replyTo=1176#respond-post-387>)

**Rat's (<http://www.moerats.com/>)** 博主

January 16th, 2018 at 09:42 am

**@秋风** 不用。

回复 (<https://www.moerats.com/archives/387/?replyTo=1177#respond-post-387>)

**秋风**

January 16th, 2018 at 02:23 pm

**@Rat's** 好的，谢谢。搬瓦工要停到23号，到时有问题再来请教。

回复 (<https://www.moerats.com/archives/387/?replyTo=1178#respond-post-387>)

**秋风**

January 23rd, 2018 at 01:34 pm

**@秋风** Physical Location: US, California Node ID: v432 VPS ID: 553353

IP address: 45.

Status: Running

Due to high CPU usage, server's CPU clock is currently being limited.

Once load is reduced to levels described in our Terms of Service, this limitation will be automatically removed within 60-120 minutes.

If your application requires more CPU time, we suggest upgrading to a better plan. Please contact hel  
pdesk for instructions on how to upgrade your server.

Upgrades are performed seamlessly without data loss and without downtime.

Actions: start stop reset kill

Disk usage (/):

1.17/11 GB

Bandwidth usage:

Resets: 2018-02-23

0/550 GB

Operating system: Centos 6 x86\_64

Hostname: localhost.localdomain change



回复 (<https://www.moerats.com/archives/387/?replyTo=1219#respond-post-387>)



万全

January 15th, 2018 at 12:52 am

sed: -e expression #1, char 19: unterminated `s' command  
(license 9ADFF9906908A6EC)

这个报错怎么解决！！

回复 (<https://www.moerats.com/archives/387/?replyTo=1156#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

January 15th, 2018 at 09:42 am

@万全 这个没怎么遇到过，如果这个错误不影响安装的话就没事，影响的话，重装系统吧。

回复 (<https://www.moerats.com/archives/387/?replyTo=1157#respond-post-387>)



万全

January 15th, 2018 at 09:24 pm

@Rat's 重装也不行啊，能运行，但是没效果，跟没装一样。

回复 (<https://www.moerats.com/archives/387/?replyTo=1167#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

January 15th, 2018 at 09:42 pm

@万全 魔改BBR也不行吗？

回复 (<https://www.moerats.com/archives/387/?replyTo=1169#respond-post-387>)



万全

January 12th, 2018 at 12:41 am

锐速可以加速linux双网卡吗？

回复 (<https://www.moerats.com/archives/387/?replyTo=1151#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

January 12th, 2018 at 08:24 am

@万全 应该可以，具体你要自己试试。

回复 (<https://www.moerats.com/archives/387/?replyTo=1152#respond-post-387>)

秋风



January 9th, 2018 at 06:39 pm

安装不上

回复 (<https://www.moerats.com/archives/387/?replyTo=1143#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

January 9th, 2018 at 06:56 pm

@秋风 估计系统原因，用CentOS系统看看。

回复 (<https://www.moerats.com/archives/387/?replyTo=1144#respond-post-387>)



秋风

January 9th, 2018 at 07:06 pm

@Rat's Centos 6 x86\_64 是重新装的

Linux host.localdomain 2.6.32-642.el6.x86\_64 #1 SMP Tue May 10 17:27:01 UTC 2016 x86\_64 x86\_64 x86\_64 GNU/Linux

回复 (<https://www.moerats.com/archives/387/?replyTo=1145#respond-post-387>)



秋风

January 9th, 2018 at 07:11 pm

@秋风 Shell: network timeout. For long-lasting operations use Advanced or Interactive shell. 又是超时

回复 (<https://www.moerats.com/archives/387/?replyTo=1146#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

January 10th, 2018 at 08:08 pm

@秋风 是安装锐速失败吧，锐速有个ping是优化配置的。

回复 (<https://www.moerats.com/archives/387/?replyTo=1147#respond-post-387>)



老清

January 5th, 2018 at 07:37 pm

装了魔改BBR后现在速度变慢了咋回事？油管上勉强看480P了只能之前4K都能看的

回复 (<https://www.moerats.com/archives/387/?replyTo=1128#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

January 5th, 2018 at 08:03 pm

@老清 这个问题就很难回答了，只能说很特别，魔改bbr速度慢的话试试锐速也行。

回复 (<https://www.moerats.com/archives/387/?replyTo=1129#respond-post-387>)



666

December 26th, 2017 at 01:13 am

站长,您用的是哪家的服务器搭建的博客呀,速度很快,能推荐下么

回复 (<https://www.moerats.com/archives/387/?replyTo=1075#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

December 26th, 2017 at 08:23 am

@666 暂时用的ImpactVPS的，时快时慢，看网络了。推荐你用搬瓦工，看博客右栏推荐。

回复 (<https://www.moerats.com/archives/387/?replyTo=1076#respond-post-387>)



**邓邓 (<https://ifdou.cn>)**

December 25th, 2017 at 10:16 pm

大佬就是大佬, 😊 (<http://www.moerats.com/usr/paopao/哈哈.png>)省心牛逼

回复 (<https://www.moerats.com/archives/387/?replyTo=1073#respond-post-387>)



**S**

December 25th, 2017 at 12:08 am

已有BBR内核, 是不是直接选4就可以了? 我这个最后成功了。

回复 (<https://www.moerats.com/archives/387/?replyTo=1067#respond-post-387>)



**S**

December 25th, 2017 at 12:17 am

@S 好吧, 并没有成, 删除重装可以的, 一切运行正常。

回复 (<https://www.moerats.com/archives/387/?replyTo=1068#respond-post-387>)



**hhrsheng**

December 20th, 2017 at 02:35 pm

重启之后 应该是 bash ./tcp.sh 启动脚本吧。

回复 (<https://www.moerats.com/archives/387/?replyTo=1063#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

December 20th, 2017 at 02:58 pm

@hhrsheng bash tcp.sh和./tcp.sh都可以。

回复 (<https://www.moerats.com/archives/387/?replyTo=1064#respond-post-387>)



**stimulate**

December 4th, 2017 at 08:48 am

锐速和bbr可以同时装不? 这样有多暴力?

回复 (<https://www.moerats.com/archives/387/?replyTo=1003#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

December 4th, 2017 at 09:07 am

@stimulate 想多了, 不能同时装。

回复 (<https://www.moerats.com/archives/387/?replyTo=1004#respond-post-387>)



**stimulate**

December 13th, 2017 at 08:49 am

@Rat's 为什么防火墙开了端口还是连不通? 关了防火墙才能连通...很是绝望

回复 (<https://www.moerats.com/archives/387/?replyTo=1028#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

December 13th, 2017 at 09:03 am

@stimulate 打开端口后，可以用命令/etc/init.d/iptables status查看下状态，看是不是开成功了，其实只要不是用来建站的话，关了也无所谓。

回复 (<https://www.moerats.com/archives/387/?replyTo=1029#respond-post-387>)



**stimulate**

December 13th, 2017 at 10:20 am

@Rat's 直接强行干掉防火墙了....还有个问题就是bbr和锐速都是已经加到开机启动中的还是每次开机后都要手动开启？

回复 (<https://www.moerats.com/archives/387/?replyTo=1030#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

December 13th, 2017 at 10:53 am

@stimulate 都开机自启。

回复 (<https://www.moerats.com/archives/387/?replyTo=1031#respond-post-387>)



**stimulate**

December 14th, 2017 at 03:31 pm

@Rat's iptables防火墙关了不会影响到锐速的加速吧？

回复 (<https://www.moerats.com/archives/387/?replyTo=1035#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

December 14th, 2017 at 04:01 pm

@stimulate 不影响。

回复 (<https://www.moerats.com/archives/387/?replyTo=1036#respond-post-387>)



**雪碧**

November 25th, 2017 at 01:11 pm

换核一😓 (<http://www.moerats.com/usr/paopao/汗.png>)直不成功。

回复 (<https://www.moerats.com/archives/387/?replyTo=976#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

November 25th, 2017 at 01:17 pm

@雪碧 可以手动换内核，不过你可以试试锐速，也很暴力。

回复 (<https://www.moerats.com/archives/387/?replyTo=977#respond-post-387>)



**雪碧**

November 25th, 2017 at 01:46 pm

@Rat's 嗯

回复 (<https://www.moerats.com/archives/387/?replyTo=978#respond-post-387>)



**Yun**

November 24th, 2017 at 10:29 pm

系统debian9，用脚本开启魔改内核失败，看了一下，好像是说debian9是gcc6且不支持4.9版本了，脚本用的是4.9版本。

害我折腾半天，这是不是无解了。

回复 (<https://www.moerats.com/archives/387/?replyTo=974#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

November 24th, 2017 at 11:13 pm

@Yun 可以自己编译安装gcc, 不过还是建议换个系统吧。

回复 (<https://www.moerats.com/archives/387/?replyTo=975#respond-post-387>)



**Yun**

November 25th, 2017 at 07:27 pm

@Rat's 谢谢, 换个debian8看看。

回复 (<https://www.moerats.com/archives/387/?replyTo=979#respond-post-387>)



**kbrx93**

November 24th, 2017 at 11:51 am

图片是什么? 想要 😊 (<http://www.moerats.com/usr/paopao/笑眼.png>)

回复 (<https://www.moerats.com/archives/387/?replyTo=970#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

November 24th, 2017 at 12:25 pm

@kbrx93 樱小路露娜, 要的话去我的网盘下载: <https://down.moerats.com/Luna/>。

回复 (<https://www.moerats.com/archives/387/?replyTo=971#respond-post-387>)



**Sora**

April 17th, 2018 at 08:19 am

@Rat's 请问一下博主的网盘是什么程序呢, 我也想装一个

回复 (<https://www.moerats.com/archives/387/?replyTo=2522#respond-post-387>)



**Sora**

April 17th, 2018 at 08:22 am

@Sora 原来是h5ai呀? ٩٠٠٠?

回复 (<https://www.moerats.com/archives/387/?replyTo=2523#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

April 17th, 2018 at 11:11 am

@Sora 对, 是h5ai。

回复 (<https://www.moerats.com/archives/387/?replyTo=2526#respond-post-387>)



**hard流派、李**

November 23rd, 2017 at 10:41 pm

系统配置优化有什么用 对网络方面更好?

回复 (<https://www.moerats.com/archives/387/?replyTo=968#respond-post-387>)



**Rat's** (<http://www.moerats.com/>) 博主

November 24th, 2017 at 06:46 am

@hard流派、李 可以提高网络速度。

回复 (<https://www.moerats.com/archives/387/?replyTo=969#respond-post-387>)



新手

November 12th, 2017 at 12:18 pm

我新手，请教一下，安装并启用锐速后，55客户端里，端口和密码填什么？

回复 (<https://www.moerats.com/archives/387/?replyTo=923#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

November 12th, 2017 at 12:39 pm

@新手 端口，密码不变，你安装55的时候自己设置的是什么就填什么。

回复 (<https://www.moerats.com/archives/387/?replyTo=924#respond-post-387>)



yan

November 10th, 2017 at 11:07 pm

安装内核后再安装锐速一直提示内核不匹配~

Kernel not be matched!

You should change kernel manually, and try again!

回复 (<https://www.moerats.com/archives/387/?replyTo=919#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

November 10th, 2017 at 11:17 pm

@yan 换系统试试！

回复 (<https://www.moerats.com/archives/387/?replyTo=920#respond-post-387>)



yoyo

November 10th, 2017 at 10:15 pm

支持ovz吗

回复 (<https://www.moerats.com/archives/387/?replyTo=917#respond-post-387>)



Rat's (<http://www.moerats.com/>) 博主

November 10th, 2017 at 10:26 pm

@yoyo 不支持，只支持KVM。

回复 (<https://www.moerats.com/archives/387/?replyTo=918#respond-post-387>)



iMusi

November 5th, 2017 at 06:01 am

感谢分享，同样期待脚本集合早点完成

回复 (<https://www.moerats.com/archives/387/?replyTo=904#respond-post-387>)



kjkj

November 2nd, 2017 at 06:41 am

已用秋水脚本安装了原版bbr，能否直接用这个安装魔改版bbr？

回复 (<https://www.moerats.com/archives/387/?replyTo=900#respond-post-387>)





**Rat's (<http://www.moerats.com/>)** 博主

November 2nd, 2017 at 08:21 am

@kjkj 不管装不装都可以直接使用。

回复 (<https://www.moerats.com/archives/387/?replyTo=901#respond-post-387>)



**qtwrk**

December 1st, 2017 at 10:42 am

@Rat's 魔改支持最新4.12.X内核么？

秋水BBR装好以后直接用这个启动魔改？

回复 (<https://www.moerats.com/archives/387/?replyTo=991#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

December 1st, 2017 at 11:44 am

@qtwrk 这个脚本目前没测试过，具体支不支持你可以试试看。

回复 (<https://www.moerats.com/archives/387/?replyTo=992#respond-post-387>)



**qtwrk**

December 2nd, 2017 at 06:30 am

@Rat's 试过了，编译KO文件时失败

回复 (<https://www.moerats.com/archives/387/?replyTo=998#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

December 2nd, 2017 at 08:02 am

@qtwrk 用博客另一个魔改吧，Vicer的脚本，他的支持。

回复 (<https://www.moerats.com/archives/387/?replyTo=999#respond-post-387>)



**qtwrk**

December 7th, 2017 at 05:48 am

@Rat's Vicer的支持U和D，不支持centos7 🙄 (<http://www.moerats.com/usr/paopao/泪.png>)

回复 (<https://www.moerats.com/archives/387/?replyTo=1012#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

December 7th, 2017 at 07:47 am

@qtwrk 别纠结，那就换系统。

回复 (<https://www.moerats.com/archives/387/?replyTo=1013#respond-post-387>)



**qtwrk**

December 7th, 2017 at 09:10 am

@Rat's 尴尬的是，我只会用centos，囧 🙄 (<http://www.moerats.com/usr/paopao/小乖.png>)

回复 (<https://www.moerats.com/archives/387/?replyTo=1014#respond-post-387>)



**Rat's (<http://www.moerats.com/>)** 博主

December 7th, 2017 at 09:58 am

@qtwrk 系统都差不多，慢慢学吧。

回复 (<https://www.moerats.com/archives/387/?replyTo=1015#respond-post-387>)



热门文章



博客将不定期赠送DigitalOcean \$50优惠码 (<https://www.moerats.com/archives/636/>)

🗨 1033

(<https://www.moerats.com/archives/636/>)



VPS上传文件到OneDrive网盘脚本，可配合Aria2实现自动上传

(<https://www.moerats.com/archives/697/>)

(<https://www.moerats.com/archives/697/>)



BBR+BBR魔改+Lotsever(锐速)一键脚本 for Centos/Debian/Ubuntu

(<https://www.moerats.com/archives/387/>)

(<https://www.moerats.com/archives/387/>)



Aria2+Rclone+DirectoryLister+Aria2Ng一键安装脚本 for Debian (<https://www.moerats.com/archives/517/>)

🗨 322

(<https://www.moerats.com/archives/517/>)



Aria2+Aria2Ng+OneIndex一键安装脚本，下载后自动上传至OneDrive

(<https://www.moerats.com/archives/693/>)

(<https://www.moerats.com/archives/693/>)

博客信息

📄 文章数目	658
💬 评论数目	12665
📅 运行天数	2年49天
🔄 最后活动	6 天前

主机推荐

**BandwagonHOST**

洛杉矶CN2/CN2 GIA线路

速度快/稳定/带BBR内核

支持支付宝付款

点击查看

(<https://www.moerats.com/archives/252/>)



512MB  
内存

20GB  
SSD储存

500GB  
上行流量(下行无限)

15个  
全球机房地址



VULTR

最低仅需

\$2.50/月

最新活动！快上车

注册就送\$50

点击查看

(<https://www.moerats.com/archives/543/>)