

基于洋葱打造代理池或者增强你的上网匿名性

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原文链接: <https://ld246.com/article/1648031532547>

来源网站: [链滴](#)

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前言

很多小伙伴长期苦于没有稳定的代理池，临时跑点爬虫数据焦麻了，网络公开的免费代理又极其不稳定，又不想购买商业代理池，本方案适用于未禁用洋葱节点的站点，稳定性妥妥的，洋葱节点数量上你的，另外有些小伙伴热衷了匿名上网，本方案可供参考，大大增强你上完的匿名性及选择灵活性。你请求一次，走一条线路出去，配置的线路越多，效果越好，当然，得考验你的服务器撑得了几个洋葱。

条件

- 海外 Linux 服务器一台
- 服务器需安装 docker & docker-compose 即可

特色

- 基于 docker，节省系统资源
- 可配置洋葱线路个数，上限 65534
- 统一入口，自动选路，免去爬虫端的代理节点控制逻辑
- 入口代理兼容 http/socks4/socks5 协议接入
- 入口代理可配置访问凭证，可防止未授权访问
- 入口代理自动探测洋葱节点可用性
- 入口代理支持负载均衡，以轮训方式选择洋葱节点转发流量出去
- 洋葱线路可配置轮换间隔时间

快速开始

```
git clone https://github.com/evling2020/multi-tor.git
docker-compose up -d
```

环境变量含义

名称	含义
TOR_NUM	洋葱进程数量，即洋葱并行节点个数
TOR_ROTATE_TIME 秒，默认 300	每个洋葱变换IP时间，单位
IN_PROXY_USER	入口代理访问控制，用户名
IN_PROXY_PASS	入口代理访问控制，密码
IN_PROXY_INTERVAL , 单位为秒，默认 300	洋葱线路存活探测间隔时

异想天开

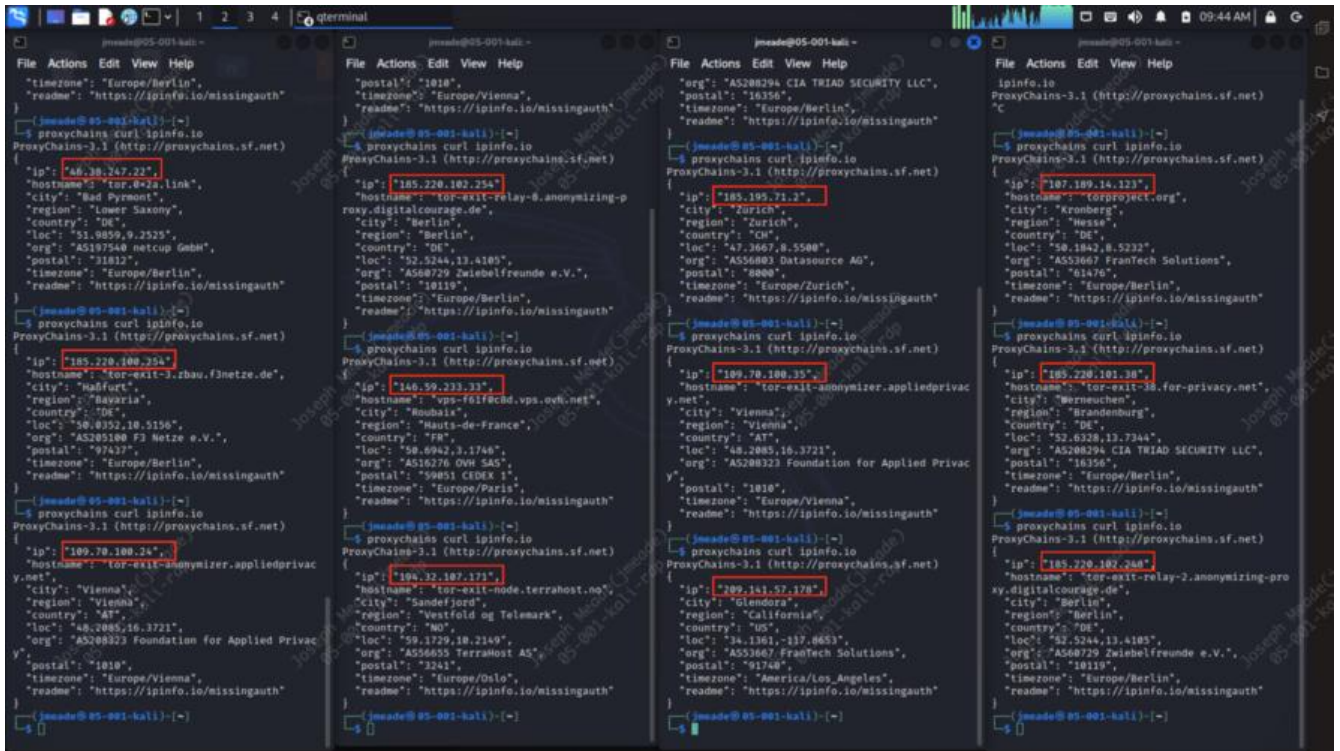
试想一下，咱们将洋葱线路切换时间设置为 60s，洋葱进程开启 50 个，也就意味着，每分钟咱们可

享受 50 个异国他乡的代理地址，每小时可以享受 3000 个，一天最大可达 36000 个，是不是日常研究够用了嘛。

注意点

- 目前采用一个容器，由于 tcp 端口数目有限制，入口代理需占用一个，所以最大理论可支持同时运行 65534 个洋葱进程
- 启动容器后需要等待 30s 方可使用，请耐心等待
- 如需利用线路爬取暗网资源，需启用暗网专用 dns 解析端口，请自行琢磨
- 有些想要搞个透明代理啥的，也请自行琢磨，配置文件里加个配置项，再 iptables 转发下即可实现
- 不要开太多洋葱进程，小心撑爆你服务器，量力而行，小易未做极限测试，小易的服务器是真滴渣哎...

测试效果



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File Actions Edit View Help
"timezone": "Europe/Berlin",
"readme": "https://ipinfo.io/missingauth"
jmesade@95-001-kali:~$ proxychains curl ipinfo.io
ProxyChains-3.1 (http://proxychains.sf.net)
{"ip": "46.38.247.22",
"hostname": "tor-exit-3.bau.f3netze.de",
"city": "Bad Pyrmont",
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jmesade@95-001-kali:~$ proxychains curl ipinfo.io
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"hostname": "tor-exit-3.bau.f3netze.de",
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"readme": "https://ipinfo.io/missingauth"
jmesade@95-001-kali:~$ proxychains curl ipinfo.io
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"hostname": "tor-exit-anonymizer.appliedprivacy.net",
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"org": "AS208323 Foundation for Applied Privacy",
"postal": "1010",
"timezone": "Europe/Vienna",
"readme": "https://ipinfo.io/missingauth"
jmesade@95-001-kali:~$

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"postal": "1010",
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jmesade@95-001-kali:~$ proxychains curl ipinfo.io
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{"ip": "185.220.182.254",
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jmesade@95-001-kali:~$ proxychains curl ipinfo.io
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jmesade@95-001-kali:~$ proxychains curl ipinfo.io
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"hostname": "tor-exit-node.terrahost.no",
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"timezone": "Europe/Oslo",
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jmesade@95-001-kali:~$

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"org": "AS208294 CIA TRIAD SECURITY LLC",
"postal": "16356",
"timezone": "Europe/Berlin",
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jmesade@95-001-kali:~$ proxychains curl ipinfo.io
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jmesade@95-001-kali:~$ proxychains curl ipinfo.io
ProxyChains-3.1 (http://proxychains.sf.net)
{"ip": "109.70.100.35",
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jmesade@95-001-kali:~$ proxychains curl ipinfo.io
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"readme": "https://ipinfo.io/missingauth"
jmesade@95-001-kali:~$

File Actions Edit View Help
ipinfo.io
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jmesade@95-001-kali:~$ proxychains curl ipinfo.io
ProxyChains-3.1 (http://proxychains.sf.net)
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"org": "AS208294 CIA TRIAD SECURITY LLC",
"postal": "16356",
"timezone": "Europe/Berlin",
"readme": "https://ipinfo.io/missingauth"
jmesade@95-001-kali:~$ proxychains curl ipinfo.io
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{"ip": "185.220.107.268",
"hostname": "tor-exit-relay-2.anonymizing-proxy.digitalcourage.de",
"city": "Berlin",
"region": "Berlin",
"country": "DE",
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"org": "AS68729 Zwiebelfreunde e.V.",
"postal": "10119",
"timezone": "Europe/Berlin",
"readme": "https://ipinfo.io/missingauth"
jmesade@95-001-kali:~$
```

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更新日志

- 2022.03.23: 首次创建项目

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