

HTTP

WNAM QoW - Wi-Fi, . HTTP HTTPS, .

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- - WNAM QoW
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- **tinyproxy.** , .

apt install tinyproxy

/etc/tinyproxy/tinyproxy.conf

```
User tinyproxy
Group tinyproxy
Port 3128
Timeout 600
DefaultErrorFile "/usr/share/tinyproxy/default.html"
StatFile "/usr/share/tinyproxy/stats.html"
LogFile "/var/log/tinyproxy/tinyproxy.log"
LogLevel Info
PidFile "/run/tinyproxy/tinyproxy.pid"
Upstream http 172.16.255.31:3128
MaxClients 100
MinSpareServers 10
MaxSpareServers 50
StartServers 30
MaxRequestsPerChild 0
Allow 0.0.0.0/0
BasicAuth qow WnamProxy
ViaProxyName "tinyproxy"
ConnectPort 443
ConnectPort 563
```

. /etc/config/tinyproxy

```
config tinyproxy
option enabled 1
option User nobody
option Group nogroup
option Port 3128
option Timeout 600
option DefaultErrorFile "/usr/share/tinyproxy/default.html"
option StatFile "/usr/share/tinyproxy/stats.html"
option LogFile "/var/log/tinyproxy.log"
option LogLevel Info
option MaxClients 100
option MinSpareServers 10
option MaxSpareServers 50
option StartServers 20
option MaxRequestsPerChild 0
list Allow 172.16.255.1
option ViaProxyName "tinyproxy"
list ConnectPort 443
list ConnectPort 563
```

QoW () upstream.

, upstream . -, QoW OpenVPN-.

// OpenVPN/tinyproxy application.properties QoW:

netams.qos.proxy_host=host

netams.qos.proxy_username=tpswitcher

netams.qos.proxy_password=...

netams.qos.proxy_script=./switch_proxy_upstream.sh

OpenVPN/tinyproxy , , :

useradd -m -U -s /bin/bash tpswitcher

```
passwd tpswitcher
chmod u+s /bin/systemctl
cp /etc/tinyproxy/tinyproxy.conf /etc/tinyproxy/tinyproxy.conf.tmp
chown tpswitcher /etc/tinyproxy/tinyproxy.*
/home/tpswitcher/switch_proxy_upstream.sh :
```

```
#!/bin/bash

echo $1 >> /tmp/switch_proxy_upstream.log
cmd="Upstream http $1:3128"

sed "s/Upstream.*/$cmd/" /etc/tinyproxy/tinyproxy.conf > /etc/tinyproxy/tinyproxy.conf.tmp
cp /etc/tinyproxy/tinyproxy.conf.tmp /etc/tinyproxy/tinyproxy.conf
systemctl restart tinyproxy.service

echo $cmd
```

```
chmod +x /home/tpswitcher/switch_proxy_upstream.sh

, QoW , " HTTP " upstream tinyproxy OpenVPN.

, - host:3128, . - /var/log/tinyproxy/tinyproxy.log /var/log/tinyproxy.log .

, - .
```