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DPI(Deep Packet Inspection)


- <https://secretsni.kilho.net/> - SecretSNI()
- <https://github.com/ValdikSS/GoodbyeDPI> - GoodbyeDPI
- <https://github.com/Include-sys/GUI-for-GoodbyeDPI> - GoodbyeDPI-GUI
- <https://safevisit.org/ko> - SafeVisit

- Windows GoodbyeDPI GUI for GoodbyeDPI DPI
- Linux DPI , MTU , zapret
 notsodeep 가 가
- notsodeep zapret 가 iptables 가
- zapret 가 가

MTU

-
- MTU 220 400 가
 ◦ https://www.clien.net/service/board/cm_mac/13158762
 MTU , 가 220
- DPI 가
- ◦ MTU

notsodeep

 notsodeep 가 가 .

: <https://github.com/farukuzun/notsodeep>

```
# Debian
sudo apt-get install libnetfilter-queue-dev libc6-dev
```

```
# RedHat  
yum install libnetfilter_queue-devel compat-glibc
```

```
git clone https://github.com/farukuzun/notsodeep.git  
cd notsodeep  
make  
sudo nohup ./notsodeep &
```

iptables

```
iptables TCP connection handshake NFQUEUE notsodeep
```

```
sudo iptables -A INPUT -p tcp --tcp-flags SYN,ACK SYN,ACK --sport 443 -j  
NFQUEUE --queue-num 200 --queue-bypass  
sudo iptables -t raw -I PREROUTING -p tcp --sport 80 --tcp-flags SYN,ACK  
SYN,ACK -j NFQUEUE --queue-num 200 --queue-bypass
```

```
, -s IP  
notsodeep
```

```
sudo iptables -I INPUT -s < IP> -p tcp --tcp-flags SYN,ACK SYN,ACK --  
sport 443 -j ACCEPT
```

```
-A -I
```

firewalld rule

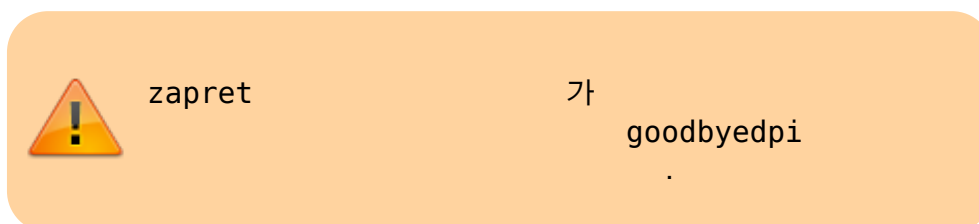
```
firewall-cmd --permanent --direct --passthrough ipv4 -I INPUT 1 -p tcp --  
tcp-flags SYN,ACK SYN,ACK --sport 443 -j NFQUEUE --queue-num 200 --queue-  
bypass  
firewall-cmd --permanent --direct --passthrough ipv4 -t raw -I PREROUTING 1  
-p tcp --sport 80 --tcp-flags SYN,ACK SYN,ACK -j NFQUEUE --queue-num 200 --  
queue-bypass  
firewall-cmd --reload
```

```
cd /tmp
git clone https://github.com/farukuzun/notsodeep.git
cd notsodeep
make
cd ..
sudo su
cp -R notsodeep /opt
cp /opt/notsodeep/notsodeep.service /etc/systemd/system/
systemctl enable notsodeep.service
iptables -A INPUT -p tcp --tcp-flags SYN,ACK SYN,ACK --sport 443 -j NFQUEUE
--queue-num 200 --queue-bypass
iptables -t raw -I PREROUTING -p tcp --sport 80 --tcp-flags SYN,ACK SYN,ACK
-j NFQUEUE --queue-num 200 --queue-bypass

apt install iptables-persistent

netfilter-persistent save
```

zapret ()



: <https://github.com/bol-van/zapret>

debian 11

```
root@dpi:~# apt install vim unzip git curl wget
```

zapret clone

```
root@dpi:~# git clone https://github.com/bol-van/zapret
Cloning into 'zapret'...
remote: Enumerating objects: 4171, done.
remote: Counting objects: 100% (782/782), done.
remote: Compressing objects: 100% (416/416), done.
remote: Total 4171 (delta 370), reused 769 (delta 365), pack-reused 3389
Receiving objects: 100% (4171/4171), 41.13 MiB | 8.24 MiB/s, done.
Resolving deltas: 100% (2208/2208), done.
```


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