

**DPI(Deep Packet Inspection)** ..... 3

..... 3

..... 3

**MTU** ..... 3

**notsodeep** ..... 3

..... 3

..... 4

iptables ..... 4

firewalld rule ..... 4

..... 5

**zapret** ( ) ..... 5

..... 5

zapret clone ..... 5

ISP ..... 6

..... 6



# 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](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.

## ISP

ISP  
blockcheck.sh

zapret

```
root@dpi:~# cd zapret/  
root@dpi:~/zapret# ./install_bin.sh  
x86_64 is OK  
installing binaries ...  
linking : ../binaries/x86_64/ip2net => /root/zapret/ip2net  
linking : ../binaries/x86_64/mdig => /root/zapret/mdig  
linking : ../binaries/x86_64/nfqws => /root/zapret/nfq  
linking : ../binaries/x86_64/tpws => /root/zapret/tpws  
  
###      ISP      /  
root@dpi:~/zapret# ./blockcheck.sh  
...  
* SUMMARY  
ipv4 xvideos.com curl_test_http : tpws --hostcase  
ipv4 xvideos.com curl_test_http : nfqws --hostcase  
ipv4 xvideos.com curl_test_https_tls12 : working without bypass  
  
press enter to continue
```

가 ISP warning  
xvideos.com . SUMMARY tpws --hostcase nfqws -  
-hostcase 가 가

```
root@dpi:~/zapret# ./install_easy.sh
```

From:

<https://atl.kr/dokuwiki/> - **AllThatLinux!**

Permanent link:

[https://atl.kr/dokuwiki/doku.php/dpi\\_deep\\_packet\\_inspection\\_%EC%9A%B0%ED%9A%8C?rev=1774184648](https://atl.kr/dokuwiki/doku.php/dpi_deep_packet_inspection_%EC%9A%B0%ED%9A%8C?rev=1774184648)

Last update: **2026/03/22 13:04**

