

Install and configure xtables GEOIP blocker.

Ubuntu

```
sudo apt update -y
```

```
sudo systemctl stop ufw
```

```
sudo systemctl disable ufw
```

```
sudo systemctl mask ufw
```

```
sudo apt install gcc make automake pkg-config libxtables-dev linux-headers-generic unzip -y
```

```
sudo apt install libnet-cidr-lite-perl libnet-cidr-perl libtext-csv-xs-perl -y
```

```
cd /tmp
```

```
wget -c https://inai.de/files/xtables-addons/xtables-addons-3.27.tar.xz
```

```
tar -xvf xtables-addons-3.27.tar.xz
```

```
cd xtables-addons-3.27
```

```
vi extensions/Kbuild # Keep only GeoIP object. Put # for all other.
```

```
sudo ./configure
```

```
sudo make
```

```
sudo make install
```

```
sudo mokutil --sb-state # Check if EFI support is enabled.
```

```
sudo depmod -a
```

```
sudo modprobe xt_geoip
```

```
sudo mkdir /usr/share/xt_geoip
```

```
cd /usr/share/xt_geoip/
```

```
sudo wget -q -O GeoLite2-Country-CSV.zip
```

```
"https://download.maxmind.com/app/geoip_download?edition_id=GeoLite2-Country-CSV&license_key=<Put-your-maxmind-license-key>&suffix=zip"
```

```
sudo unzip GeoLite2-Country-CSV.zip
```

```
sudo cp GeoLite2-Country-CSV*/GeoLite2-Country-Blocks-IPv4.csv /usr/share/xt_geoip/
```

```
sudo wget -O dbip-country-lite.csv.gz "https://download.db-ip.com/free/dbip-country-lite-$(date +%Y-%m').csv.gz"
```

```
sudo gunzip dbip-country-lite.csv.gz
```

```
sudo /tmp/xtables-addons-3.27/geoip/xt_geoip_build -D /usr/share/xt_geoip/ GeoLite2-Country-Blocks-IPv4.csv
```

RedHat/CentOS/Rocky Linux

```
sudo yum install epel-release -y
```

```
sudo yum update -y
```

```
sudo yum install gcc gcc-c++ kernel-modules kernel-core kernel-headers kernel-devel perl-Net-CIDR-Lite perl-Text-CSV_XS elfutils-libelf-devel wget unzip tar mokutil -y
```

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cd /tmp
```

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```
sudo modprobe xt_geoip
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```
sudo mkdir /usr/share/xt_geoip
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```
cd /usr/share/xt_geoip/
```

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"https://download.maxmind.com/app/geoip_download?edition_id=GeoLite2-Country-  
CSV&license_key=<Put-your-maxmind-license-key>&suffix=zip"
```

```
sudo unzip GeoLite2-Country-CSV.zip
```

```
sudo cp GeoLite2-Country-CSV*/GeoLite2-Country-Blocks-IPv4.csv /usr/share/xt_geoip/
```

```
sudo wget -O dbip-country-lite.csv.gz "https://download.db-ip.com/free/dbip-country-lite-$(date  
+'%Y-%m').csv.gz"
```

```
sudo gunzip dbip-country-lite.csv.gz
```

```
sudo /tmp/xtables-addons-3.27/geoip/xt_geoip_build -D /usr/share/xt_geoip/ GeoLite2-Country-Blocks-IPv4.csv
```

Now add the blocking rules.

Example

```
iptables -A INPUT -m geoip ! --src-cc IN -p tcp -m  
multiport --dport 80,110,143,443,465,587,993,995,7071 -j  
DROP
```

This will drop traffic from all countries except India.