**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 EUFI support is enabled.

sudo depmod -a

sudo modprobe xt\_geoip

sudo mkdir /usr/share/xt\_geoip

cd /usr/share/xt\_geoip/

sudo wget -q -OGeoLite2-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

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 EUFI support is enabled.

sudo modprobe xt\_geoip

sudo mkdir /usr/share/xt\_geoip

cd /usr/share/xt\_geoip/

sudo wget -q -OGeoLite2-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

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.