

## Deny Or Allow Countries With Apache .htaccess

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### Deny Or Allow Countries With Apache .htaccessIntroduction

The following script is using [blogama.org](http://blogama.org) IP geolocation API to automatically generate Apache .htaccess file to deny or allow specific countries. You can put this script under crontab and the .htaccess rules will be automatically updated. Also, it can update multiple .htaccess files. Source: <http://blogama.org>

#### Deny or allow?

First you need to understand the meaning of these two rules in the .htaccess file. If you set "deny" in the script for countries "US,CA" (USA and Canada), all traffic from USA or Canada will be blocked. On the other hand, if you set "allow" it will only accept traffic from these two countries, all others being blocked.

#### Countries code

You need to know the ISO country code you want to deny/allow. The list is available [here](#).

#### Usage without the automated script

Go to:

[http://blogama.org/country\\_query.php?country=CA,US&output=htaccess\\_deny](http://blogama.org/country_query.php?country=CA,US&output=htaccess_deny)

Where country is the list or countries, with a comma between them and output is either *htaccess\_deny* or *htaccess\_allow*.

#### How is the script working?

You will have to create a text file with all .htaccess files (with complete path) you wish to update with the script. If you have other information in your .htaccess files they will still remain there, the script will only update the portion between the tags "#COUNTRY\_BLOCK\_START" and "#COUNTRY\_BLOCK\_END".

## Before you start with the script

Create a text file named *htaccessfile.txt* (in the *WORKDIR* of the script, see below). In that file, put all (existing!) .htaccess files you wish to update. For example:

```
/var/www/example.com/.htaccess  
/var/www/mydomain.com/.htaccess
```

## Script configuration

On top of the script, you will find this section. You need to modify these variables if needed:

```
###MODIFY THIS SECTION###  
WORKDIR="/root/"  
HTACCESSFILE="htaccessfile.txt"  
HTACCESSBLOCK="htaccess-blocklist.txt"  
TEMPFILE="htaccess.temp"  
COUNTRIES="US,CA"  
TYPE="allow"  
#####
```

*WORKDIR*: is a writable directory where the script will be located.

*HTACCESSFILE*: is the file where you will put your .htaccess paths.

*HTACCESSBLOCK* and *TEMPFILE*: are temporary file that will be deleted at the end of the script execution.

*COUNTRIES*: is the list of countries you wish to deny/allow, separated with a comma.

*TYPE*: "allow" or "deny" access to these countries.

## The script

```
#!/bin/bash  
###BLOGAMA.ORG###
```

```
###MODIFY THIS SECTION###
WORKDIR="/root/"
HTACCESSFILE="htaccessfile.txt"
HTACCESSBLOCK="htaccess-blocklist.txt"
TEMPFILE="htaccess.temp"
COUNTRIES="US,CA"
TYPE="deny"
#####
#####DO NOT MAKE MODIFICATIONS BELOW#####
cd $WORKDIR
#Get the file from blogama.org API
wget -c --output-document=$HTACCESSBLOCK "http://blogama.org/country_query.php?country=$COUNTRIES&output=htaccess_$TYPE"
for i in $( cat $WORKDIR$HTACCESSFILE ); do
    if [ -f $i ]; then
        cat $i 2>&1 | grep "COUNTRY_BLOCK_START"
        if [ "$?" -ne "1" ]; then #ALREADY IN HTACCESS
            sed '/#COUNTRY_BLOCK_START/,/#COUNTRY_BLOCK_END/d' $i > $WORKDIR$TEMPFILE
            cat $WORKDIR$HTACCESSBLOCK >> $WORKDIR$TEMPFILE
            mv $WORKDIR$TEMPFILE $i
        else #NOT IN HTACCESS
            cat $WORKDIR$HTACCESSBLOCK >> $i
        fi
    fi
done
rm -f $WORKDIR$HTACCESSBLOCK
```

Make it executable:

```
chmod +x whatever_you_called_this_script
```

Add it to your crontab:

```
* * * * * /path/to/whatever_you_called_this_script >/dev/null 2>&1
```

Note: Use this script at your own risk. If you find any bug or see something that doesn't work as it should, please post it in the forums at [Blogama.org forums](#).