

# Script 1 - RPZ Format

## Notes:

- Script to utilize error handling, it shouldn't stop at all, should re-attempt any failed transaction.
- Script should log the every download and file editing even along with timestamp in local directory file script1-logs.txt
- Script should be written in C++ as its expected to
- Script will pull and download each file specified in the URLs list below every 10 minutes. The file shall be named as per the indicated name.
- Script shall periodically every 10 minutes re-download / overriding previous the file and keeping the same name. The interval should be easy to adjust with a clear variable.
- Each file will be follow the below template:

```
$TTL 300
@ SOA localhost. root.localhost. 1695378660 3600 3600 259200 300
  NS  localhost.
;
; Title: HaGeZi's Anti-Piracy DNS Blocklist
; Description: Blocks websites and services that are mainly used for illegal
distribution of copyrighted content.
; Homepage: https://github.com/hagezi/dns-blocklists
; Issues: https://github.com/hagezi/dns-blocklists/issues
; Expires: 7 days
; Last modified: 22 Sep 2023 10:31 UTC
; Version: 2023.0922.1031.40
; Syntax: RPZ
; Number of entries: 21180
;
xxxxxxxxxxxxxxxxxxxxxxxxx CNAME .
.....
```

- Actions to be performed by script on each file:

1. Script to remove the fields highlighted in yellow
2. Edit the fields highlighted in green to match the below values
3. Do ++ counter on the field highlighted in purple (first download to reset the number to 0, then increment by 1 each time the script downloads and manipulates the file):

```
$TTL 300
@ SOA localhost. Securedomains.rpz. 0 3600 3600 259200 300
  NS  localhost.
;
; Description: Blocks websites and services that are mainly used for illegal
distribution of copyrighted content.
; Expires: 7 days
; Last modified: 22 Sep 2023 10:31 UTC
; Version: 2023.0922.1031.40
; Syntax: RPZ
; Number of entries: 21180
```

```
;
xxxxxxxxxxxxxxxxxxxxxxxx CNAME .
.....
```

## URLs:

File name = securedomains.piracy

<https://raw.githubusercontent.com/hagezi/dns-blocklists/main/rpz/anti.piracy.txt>

File name = securedomains.gambling

<https://raw.githubusercontent.com/hagezi/dns-blocklists/main/rpz/gambling.txt>

File name = securedomains.safesearch

<https://raw.githubusercontent.com/hagezi/dns-blocklists/main/rpz/nosafesearch.txt>

File name = securedomains.bypass

<https://raw.githubusercontent.com/hagezi/dns-blocklists/main/rpz/doh-vpn-proxy-bypass.txt>

File name = securedomains.fake

<https://raw.githubusercontent.com/hagezi/dns-blocklists/main/rpz/fake.txt>

File name = securedomains.malicious

<https://raw.githubusercontent.com/hagezi/dns-blocklists/main/rpz/tif.txt>

## Script 2 - Other Format

- Script to utilize error handling, it shouldn't stop at all, should re-attempt any failed transaction.
- Script should log every download and file editing even along with timestamp in local directory file script2-logs.txt
- **Script should be written in C/C++ as its expected to handle 10000s of lines**
- Script will pull and download each file specified in the URLs list below every 10 minutes. The file shall be named as per the indicated name.
- Script shall periodically every 10 minutes re-download / overriding previous the file and keeping the same name. The interval should be easy to adjust with a clear variable.
- Each file in the below URLs will follow the below template:

```
# -----[UPDATE]-----
# Title: The Block List Project - Abuse List (NL)
# Expires: 1 day
# Homepage: https://blocklist.site
# Help: https://github.com/blocklistproject/lists/wiki/
# License: https://unlicense.org
# Total number of network filters: 435159
# -----[SUPPORT]-----
# You can support by:
# - reporting false positives
# - making a donation: https://paypal.me/blocklistproject
# -----[INFO]-----
#
# Abuse list
# -----[FILTERS]-----
xxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxx
# xxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxx
.....
```

- Actions to be performed by script on each file:
  1. Remove all lines starting with a hash character “#” (example highlighted in yellow)
  2. Add the below text highlighted in gray to each line

```
xxxxxxxxxxxxxxxx CNAME .
xxxxxxxxxxxxxxxx CNAME .
xxxxxxxxxxxxxxxx CNAME .
.....
```

3. Add the below section colored in red at the start of each file:

```
$TTL 300
@ SOA localhost. Securedomains.rpz. 0 3600 3600 259200 300
NS localhost.
```

```
xxxxxxxxxxxxxxxx CNAME .
xxxxxxxxxxxxxxxx CNAME .
xxxxxxxxxxxxxxxx CNAME .
```

4. Do a ++ counter on the field highlighted in purple above (first download to be 0, then increment by 1 each time the script downloads and manipulates the file):

### **URLs:**

File name = securedomains.abuse

<https://blocklistproject.github.io/Lists/alt-version/abuse-nl.txt>

File name = securedomains.ads

<https://blocklistproject.github.io/Lists/alt-version/ads-nl.txt>

File name = securedomains.crypto

<https://blocklistproject.github.io/Lists/alt-version/crypto-nl.txt>

File name = securedomains.Drugs

<https://blocklistproject.github.io/Lists/alt-version/drugs-nl.txt>

File name = securedomains.Facebook

<https://blocklistproject.github.io/Lists/alt-version/facebook-nl.txt>

File name = securedomains.Fraud

<https://blocklistproject.github.io/Lists/alt-version/fraud-nl.txt>

File name = securedomains.Malware

<https://blocklistproject.github.io/Lists/alt-version/malware-nl.txt>

File name = securedomains.Phising

<https://blocklistproject.github.io/Lists/alt-version/phishing-nl.txt>

File name = securedomains.Piracy

<https://blocklistproject.github.io/Lists/alt-version/piracy-nl.txt>

File name = securedomains.Porn

<https://blocklistproject.github.io/Lists/dnsmasq-version/porn-dnsmasq.txt>

File name = securedomains.Ransomware

<https://blocklistproject.github.io/Lists/alt-version/ransomware-nl.txt>

File name = securedomains.Scam

<https://blocklistproject.github.io/Lists/alt-version/scam-nl.txt>

File name = securedomains.TikTok

<https://blocklistproject.github.io/Lists/alt-version/tiktok-nl.txt>

File name = securedomains.Torrent

<https://blocklistproject.github.io/Lists/alt-version/torrent-nl.txt>

File name = securedomains.Tracking

<https://blocklistproject.github.io/Lists/alt-version/tracking-nl.txt>

File name = securedomains.hate

<https://blocklist.sefinek.net/generated/noip/forks/developerdan.hate-and-junk-extended.txt>

File name = securedomains.useless

<https://blocklist.sefinek.net/generated/noip/useless-websites.txt>

File name = securedomains.fakenews

<https://blocklist.sefinek.net/generated/noip/forks/marktron.fakenews.txt>

File name = securedomains.onlinedating

<https://blocklist.sefinek.net/generated/noip/forks/developerdan.dating-services-extended.tx>

File name = securedomains.pinterest

<https://blocklist.sefinek.net/generated/noip/sites/pinterest.txt>

File name = securedomains.youtube

<https://blocklist.sefinek.net/generated/noip/sites/youtube.txt>

File name = securedomains.tiktok

<https://blocklist.sefinek.net/generated/noip/social/tiktok.txt>

File name = securedomains.facebook

<https://blocklist.sefinek.net/generated/noip/social/facebook.txt>

File name = securedomains.instagram

<https://blocklist.sefinek.net/generated/noip/social/instagram.txt>

File name = securedomains.snapchat

<https://blocklist.sefinek.net/generated/noip/social/snapchat.txt>

File name = securedomains.twitter

<https://blocklist.sefinek.net/generated/noip/social/twitter.txt>

File name = securedomains.skype

<https://blocklist.sefinek.net/generated/noip/apps/skype.txt>

File name = securedomains.whatsapp

<https://blocklist.sefinek.net/generated/noip/apps/whatsapp.txt>

File name = securedomains.spotify

<https://blocklist.sefinek.net/generated/noip/apps/spotify.txt>