

Squidblacklist Updater

Skript, welches vom mir erstellt wurde, um automatisiert (via cronjob) DNS-Blacklist Filter von Squidblacklist.org herunterzuladen, und sie in Bind9 zu integrieren / Updaten .

Skript Sourcecode

Filename: **get_squidblacklists.sh**

```
#!/bin/bash
#*****
**
# Subject      : get_squidblacklists.sh
# Description  :
# Author       : Michael Reber <michael.reber@post.ch>
# Created      : 2017.11.13
#*****
**

# Skript Configurations:
BASEURL=https://standard.squidblacklist.org/
proxy='outappl.pnet.ch:3128'

download_dir='/opt/rpz/download/'
#download_dir='/home/rebermi/download/'
dns_zones_dir='/etc/bind/rpz/'
#dns_zones_dir='/home/rebermi/rpz/'
zone_file_prefix='url_bl_'

# squidblacklist.org username & password
USERNAME=smitty
PASSWORD=exhibitive

# Set Squidblacklist Filter Lists here:
enabled=( ads chanology cp cryptojack dating dyn feminist gambling malicious
piracy porn proxies terrorism weapons )

#-----
---

DGINCLUDEFILE="${dns_zones_dir}_include_squidblacklist_filters"
echo > "${DGINCLUDEFILE}"

echo Beginning squidblacklist.org Blacklist Update procedure... ;
cd ${download_dir}
```

```
echo Downloading blacklists...

# This loop uses the "enabled" list and the BASEURL to download, decompress,
and move the lists to the right place!
for listname in ${enabled[@]}; do
    BASENAME="dg-{$listname}"
    wget --http-user="{$USERNAME}" --http-password="{$PASSWORD}" --auth-no-
challenge "{$BASEURL}{$BASENAME}.tar.gz" -e https_proxy="{$proxy}"
    tar -xvf "{$BASENAME}.tar.gz"

    for line in $(grep -v '#' "{$BASENAME}.acl"); do
        echo ".*{$line}" >> "{$BASENAME}.acl";
    done

    sed -i 's/#.*$//' "{$BASENAME}.acl"
    sed -i '/^\s*$/' "{$BASENAME}.acl"
    sed -i 's/$/ IN CNAME \./g' "{$BASENAME}.acl"

    cat >> "{$zone_file_prefix}{$listname}" << 'EOF'
$TTL 7200
@
    IN SOA @ root (
EOF
    echo "
                                $(date +%Y%m%d01) ;
serial" >> "{$zone_file_prefix}{$listname}"
    cat >> "{$zone_file_prefix}{$listname}" << 'EOF2'
                                3H      ; refresh
                                15M     ; retry
                                1W      ; expire
                                1D      ; minimum
                                )

                                IN NS LOCALHOST.

; nasty domains
EOF2

    cat "{$BASENAME}.acl" >> "{$zone_file_prefix}{$listname}"
    mv "{$zone_file_prefix}{$listname}" "{$dns_zones_dir}"

# update include file
echo "zone \"url.bl.{$listname}.rpz\" in {" >> "{$DGINCLUDEFILE}"
echo "type master;" >> "{$DGINCLUDEFILE}"
echo "file \"{$dns_zones_dir}{$zone_file_prefix}{$listname}\";" >>
 "{$DGINCLUDEFILE}"
echo "};" >> "{$DGINCLUDEFILE}"

done

rm -f {$download_dir}*
chown proxyadm /etc/bind/rpz/*
```

```
echo "Restarting Bind9 Service... "
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```
systemctl restart bind9
```

```
echo "Done."
```

Last update: **2017/11/24 10:48**