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The utility for checking the quality of locks by lists approved by regulatory and competition authorities for the broadcasting, telecommunications and postal industries

Introduction

The utility is designed to check the quality of locks according to the telecommunication authorities (like the Russian ROSCOMNADZOR) lists. It uses original upload without processing using the cloud.

Installation and upgrade

1. add the VAS Experts repository similar to the item 1 of [DPI installation](#) manual.
2. install the blcheck:

```
yum install -y blcheck
```

Start options of blcheck

```
usage: blcheck [-h] [-log LOGFILE] [-o OUTFILE] -r REDIRECT [-m MODE]
              [-l LOGLEVEL] [-t THREADS] [-ve]
```

ROSCOMNADZOR Black list check utility.

optional arguments:

-h, --help	show this help message and exit
-log LOGFILE, --logfile LOGFILE	Log file default: /var/log/blcheck.log
-o OUTFILE, --outfile OUTFILE	Result output file default: stdout
-r REDIRECT, --redirect REDIRECT	URL of page used for redirect
-m MODE, --mode MODE	Mode 'default' - scan URL, domains ; ipfast - scan URL, domains, IP(80,443) ; iponly - scan ip for all ports
-l LOGLEVEL, --loglevel LOGLEVEL	Log level (INFO,DEBUG) default: DEBUG
-t THREADS, --threads THREADS	Quantity of threads for check processes
-ve	show program's version number and exit

Note: ipfast, iponly - are the deprecated test modes. iponly - performs full port checking, takes a very long time.

Example of running the utility

```
blcheck -r vasexpertsdpi.com -l DEBUG -o out.lst
```

The log file

```
tail -f /var/log/blcheck.log
```