# Table of Contents

# 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 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
```