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About

3proxy - tiny free proxy server

c | ipv6 | proxy | accounting | proxy-server | socks | socks5 | socks-proxy | socks-server | traffic-shaping | network-management | socks4a | socks5-server | socks5-proxy | socks4 | network-security | portmap

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Packages

No packages published

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Languages

C 97.4% Shell 1.3%
Other 1.3%

```
# 3APA3A 3proxy tiny proxy server
(c) 2002-2021 by Vladimir '3APA3A' Dubrovin
<3proxy@3proxy.org>


Branches:
Master (stable) branch - 3proxy 0.9
Devel branch - 3proxy 10


Download:
        Binaries for released (master) versions (Windows,
Linux):
        https://github.com/z3APA3A/3proxy/releases
        Binaries for devel version (Windows, Linux):
        https://3proxy.org/download/devel/
        Docker images:
        https://hub.docker.com/repository/docker/3proxy/3proxy
Archive of old versions: https://github.com/z3APA3A/3proxy-
archive


Windows installation:

3proxy --install

        installs and starts proxy as Windows service
        (config file should be located in the same directory)

3proxy --remove

        removes the service (should be stopped before via
        'net stop 3proxy').

To build in Linux install git and build-essential packages,
use

git clone https://github.com/z3apa3a/3proxy
cd 3proxy
ln -s Makefile.Linux Makefile
make
sudo make install

Default configuration (for Linux/Unix):
3proxy uses 2 configuration files:
/etc/3proxy/3proxy.cfg (before-chroot). This configuration
file is executed before chroot and should not be modified.
/usr/local/3proxy/conf/3proxy.cfg symlinked from
/etc/3proxy/conf/3proxy.cfg (after-chroot) is a main
```

```
configuration file. Modify this file, if required.
All paths in /usr/local/3proxy/conf/3proxy.cfg are relative to
chroot directory (/usr/local/3proxy). For future versions it's
planned to move
3proxy chroot direcory to /var.
Log files are created in /usr/local/3proxy/logs symlinked from
/var/log/3proxy.
By default, socks is started on 0.0.0.0:1080 and proxy on
0.0.0.0:3128 with basic auth, no users are added by default.

use /etc/3proxy/conf/add3proxyuser.sh script to add users.

usage: /etc/3proxy/conf/add3proxyuser.sh username password
[day_limit] [bandwidth]
        day_limit - traffic limit in MB per day
        bandwidth - bandwith in bits per second 1048576 =
1Mbps

or modify /etc/3proxy/conf/ files directly.

Please read doc/html/index.html and man pages.

 Features:
  1. General
        + IPv6 support for incoming and outgoing connection,
          can be used as a proxy between IPv4 and IPv6
networks
          in either direction.
        + HTTP/1.1 Proxy with keep-alive client and server
support,
          transparent proxy support.
        + HTTPS (CONNECT) proxy (compatible with HTTP/2 /
SPDY)
        + Anonymous and random client IP emulation for HTTP
proxy mode
        + FTP over HTTP support.
        + DNS caching with built-in resolver
        + DNS proxy
        + DNS over TCP support, redirecting DNS traffic via
parent
          proxy
        + SOCKSv4/4.5 Proxy
        + SOCKSv5 Proxy
        + SOCKSv5 UDP and BIND support (fully compatible with
          SocksCAP/FreeCAP for UDP)
        + Transparent SOCKS redirection for HTTP, POP3, FTP,
SMTP
        + POP3 Proxy
        + FTP proxy
        + TCP port mapper (port forwarding)
```

```
        + UDP port mapper (port forwarding)
        + SMTP proxy
        + Threaded application (no child process).
        + Web administration and statistics
        + Plugins for functionality extension
        + Native 32/64 bit application
  2. Proxy chaining and network connections
        + Can be used as a bridge between client and different
proxy type
          (e.g. convert incoming HTTP proxy request from
client to SOCKSv5
          request to parent server).
        + Connect back proxy support to bypass firewalls
        + Parent proxy support for any type of incoming
connection
        + Username/password authentication for parent
proxy(s).
        + HTTPS/SOCKS4/SOCKS5 and ip/port redirection parent
support
        + Random parent selection
        + Chain building (multihop proxing)
        + Load balancing between few network connections by
choosing network
          interface
  3. Logging
        + tuneable log format compatible with any log parser
        + stdout logging
        + file logging
        + syslog logging (Unix)
        + ODBC logging
        + RADIUS accounting
        + log file rotation
        + automatic log file processing with external archiver
(for files)
        + Character filtering for log files
        + different log files for different servces are
supported
  4. Access control
        + ACL-driven Access control by username, source IP,
        destination IP/hostname, destination port and
destination action
        (POST, PUT, GET, etc), weekday and daytime.
        + ACL-driven
(user/source/destination/protocol/weekday/daytime or
        combined) bandwith limitation for incoming and
(!)outgoing trafic.
        + ACL-driven traffic limitation per day, week or month
for incoming and
        outgoing traffic
        + Connection limitation and ratelimting
```

```
        + User authentication by username / password
        + RADIUS Authentication and Authorization
        + User authentication by DNS hostname
        + Authentication cache with possibility to limit user
to single IP address
        + Access control by username/password for SOCKSv5 and
HTTP/HTTPS/FTP
        + Cleartext or encrypted (crypt/MD5 or NT) passwords.
        + Connection redirection
        + Access control by requested action (CONNECT/BIND,
          HTTP GET/POST/PUT/HEAD/OTHER).
        + All access control entries now support weekday and
time limitations
        + Hostnames and * templates are supported instead of
IP address
  5. Extensions
        + Regular expression filtering (with PCRE) via
PCREPlugin
        + Authentication with Windows username/password
(cleartext only)
        + SSL/TLS decryptions with certificate spoofing
        + Transparent redirection support for Linux and *BSD
  6. Configuration
        + support for configuration files
        + support for includes in configuration files
        + interface binding
        + socket options
        + running as daemon process
        + utility for automated networks list building
        + configuration reload on any file change
     Unix
        + support for chroot
        + support for setgid
        + support for setuid
        + support for signals (SIGUSR1 to reload
configuration)
     Windows
        + support --install as service
        + support --remove as service
        + support for service START, STOP, PAUSE and CONTINUE
commands (on
        PAUSE no new connection accepted, but active
connections still in
        progress, on CONTINUE configuration is reloaded)
     Windows 95/98/ME
        + support --install as service
        + support --remove as service
  6. Compilation
        + MSVC (static)
        + OpenWatcom (static)
```

```
        + Intel Windows Compiler (msvcrt.dll)
        + Windows/gcc (msvcrt.dll)
        + Cygwin/gcc (cygwin.dll)
        + Unix/gcc
        + Unix/ccc
        + Solaris
        + Mac OS X, iPhone OS
        + Linux and derivered systems
        + Lite version for Windows 95/98/NT/2000/XP/2003
        + 32 bit and 64 bit versions for Windows Vista and
above, Windows 2008 server and above

3proxy          Combined proxy server may be used as
                executable or service (supports installation
and removal).
                It uses config file to read it's configuration
(see
                3proxy.cfg.sample for details).
                3proxy.exe is all-in-one, it doesn't require
all others .exe
                to work.
                See 3proxy.cfg.sample for examples, see man
3proxy.cfg

proxy           HTTP proxy server, binds to port 3128
ftppr           FTP proxy server, binds to port 21
socks           SOCKS 4/5 proxy server, binds to port 1080
ftppr           FTP proxy server, please do not mess it with
FTP over HTTP
                proxy used in browsers
pop3p           POP3 proxy server, binds to port 110. You must
specify
                POP3 username as
username@target.host.ip[:port]
                port is 110 by default.
                Exmple: in Username configuration for you e-
mail reader
                set someuser@pop.example.org, to obtains mail
for someuser
                from pop.somehost.ru via proxy.
smtpp           SMTP proxy server, binds to port 25. You must
specify
                SMTP username as
username@target.host.ip[:port]
                port is 25 by default.
                Exmple: in Username configuration for you e-
mail reader
                set someuser@mail.example.org, to send mail as
someuser
                via mail.somehost.ru via proxy.
```

```
tcppm           TCP port mapping. Maps some TCP port on local
machine to
                TCP port on remote host.
udppm           UDP port mapping. Maps some UDP port on local
machine to
                UDP port on remote machine. Only one user
simulationeously
                can use UDP mapping, so it cann't be used for
public service
                in large networks. It's OK to use it to map to
DNS server
                in small network or to map Counter-Strike
server for single
                client (you can use few mappings on different
ports for
                different clients in last case).
mycrypt         Program to obtain crypted password fro
cleartext. Supports
                both MD5/crypt and NT password.
                        mycrypt password
                produces NT password
                        mycrypt salt password
                produces MD5/crypt password with salt "salt".


Run utility with --help option for command line reference.

Latest version is available from https://3proxy.org/
```

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