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📁 **3proxy** / **3proxy**   Public   🔔 Notifications   🍴 Fork **764**   ⭐ Star **3.9k**

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⑂ master ⌄   ⑂   🏷   `<>` Code ⌄

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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

📖 Readme

⚖️ View license

📈 Activity

🗂 Custom properties

⭐ 3.9k stars

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⑂ 764 forks

Report repository

Releases 27

🏷 **3proxy-0.9.4** (Latest)
on Jul 2, 2021

+ 26 releases

Packages

No packages published

Contributors 6

Languages

● C 97.4%   ● Shell 1.3%   ● Other 1.3%

📄 Makefile.winCE

📄 README

📄 RELEASE

📄 authors

📄 copying

📄 rus.3ps

📖 README ⚖️ License

```
# 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/

Want to donate the project? https://3proxy.org/donations/
```