Mixmaster anonymous remailer

Mixmaster is a Type II anonymous remailer which sends messages in fixed-size packets and reorders them, preventing anyone watching the messages go in and out of remailers from tracing them. It is an implementation of a David Chaum's mix network.[1]

History

Mixmaster was originally written by Lance Cottrell, and was maintained by Len Sassaman. Peter Palfrader is the current maintainer. Current Mixmaster software can be compiled to handle Cypherpunk messages as well; they are needed as reply blocks for nym servers.

Support for Mixmaster was removed from the Neomutt fork of the Mutt mail client in 2024 because the project did not seem active anymore.[2]

Mixmaster	
Original author	Lance Cottrell
Developers	Len Sassaman and Peter Palfrader
Stable release	3.0 / March 3, 2008
Type	Anonymous remailer
Website	https://mixmaster.sourceforge.net/

See also

- Anonymity
  - Anonymous P2P
  - Anonymous remailer
    - Cypherpunk anonymous remailer (Type I)
    - Mixminion (Type III)
  - Onion routing
    - Tor (network)
  - Pseudonymous remailer (a.k.a. nym servers)
    - Penet remailer
- Data privacy
- Traffic analysis

Free and open-source software portal

References

1. Moeller, Ulf; Cottrell, Lance; Palfrader, Peter; Sassaman, Len. *Mixmaster Protocol Version 2* (https://datatracker.ietf.org/doc/html/draft-sassaman-mixmaster-03). I-D draft-sassaman-mixmaster-03.

2. "Remove mixmaster · neomutt/Neomutt@b0e085e" (https://github.com/neomutt/neomutt/commit/b0e085e142dfc60eeaf661373f3930aa3cc4b83d). *GitHub*.

Further reading

- *Email Security*, Bruce Schneier (ISBN 0-471-05318-X)

- *Computer Privacy Handbook*, Andre Bacard (ISBN 1-56609-171-3)

External links

- Mixmaster homepage (https://mixmaster.sourceforge.net/)

- Official Mixmaster Remailer FAQ (https://mixmaster.sourceforge.net/faq.shtml)

- Remailer FAQ (http://www.andrebacard.com/remail.html)

- Remailer Vulnerabilities (https://archive.today/20130129183828/http://archives.neohapsis.com/archives/crypto/1999-q4/0187.html)

- A/I: PARANOIA REMAILER HOWTO (https://www.autistici.org/en/stuff/man_anon/remailer.html)

- Feraga.com: Howto use a Type II Anonymous Remailer (http://feraga.com/node/74) (link not active 12 May 2010)

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