David Stainton • Eva Infeld • Apr 25, 2024
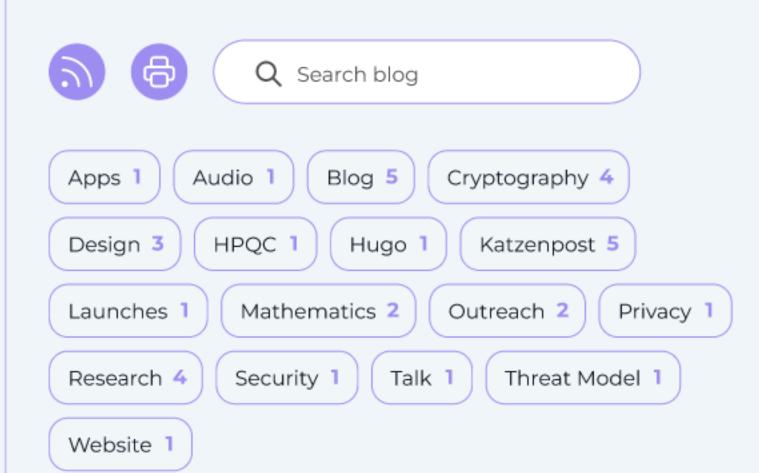
Katzenpost threat model document

Here we present a draft of the Katzenpost mixnet threat model document. We regard the threat model document as a living document which is frequently edited and in need of ongoing maintenance as we continue to develop newer mixnet protocols. Currently…

Research   Design   Threat Model   Security   Privacy   Cryptography

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Mixnet literature overview

We are presenting our overview of existing Mixnet literature. It takes some liberties with what is included or not. It proposes new ways to talk about some issues, and provides a critical analysis of some of the existing papers. It also endeavors to…

ECHOMIX

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We are an international team committed to building strong anonymity protocols.

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Restart

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ECHOMIX POLITICS AND VALUES

Surveillance is an instrument of power. It is part of an apparatus of control. Power need not be in-your-face to be effective: subtle, psychological, nearly invisible methods can actually be more effective.

While surveillance is nothing new, technological changes have given governments and corporations an unprecedented capacity to monitor everyone's communication and movement. Surveilling everyone has became cheaper than figuring out whom to surveil, and the marginal cost is now tiny. The Internet, once seen by many as a tool for emancipation, is being transformed into the most dangerous facilitator for totalitarianism ever seen. Governmental surveillance is strongly linked to cyberwar. Security vulnerabilities that enable one enable the other. And, at least in the USA, the same individuals and agencies handle both jobs. Surveillance is also strongly linked to conventional warfare. As Gen. Michael Hayden has explained, "we kill people based on metadata." surveillance and assassination by drones are one technological ecosystem.

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Documentation / Administration Guide / Quickstart

Quickstart guide

This topic provides collects basic commands for installed Katzenpost server components in a single convenient place. All system commands require superuser privileges.
The commands in this topic do not apply to the Katzenpost Docker image, which has its own controls. For more information, see **Using the Katzenpost Docker test network**.

Systemd commands

These commands match the suggested systemd setup described in **installing Katzenpost**.

Task	Command
Start a mix node	**systemctl start katzenpost-mixserver**
Stop a mix node	**systemctl stop katzenpost-mixserver**
Restart a mix node	**systemctl restart katzenpost-mixserver**
Start a diectory authority node	**systemctl start katzenpost-authority**
Stop a directory authority node	**systemctl stop katzenpost-authority**

Server CLI commands

↺ Restart