The 3rd Annual Workshop on Privacy Threat Modeling (Virtual)

The 3rd Annual Workshop on Privacy Threat Modeling, in association with the 2024 USENIX Symposium on Usable Privacy and Security (SOUPS) will take place online on Thursday, August 8, 2024 from 11:00 am to 2:00 pm EDT.

OVERVIEW: The Workshop on Privacy Threat Modeling seeks participation in the form of research findings, new ideas, and constructive feedback. The purpose of the workshop is to bring together researchers, practitioners, industry specialists, and government representatives to collaborate on the topic of privacy threat modeling. While aspects of privacy risk modeling are relatively well-developed, such as constructions of privacy harms, there has been insufficient discussion around approaches to modeling privacy *threats,* broadly construed. A holistic approach to representing privacy threats could inform privacy risk models and provide a common lexicon to accelerate conversations in the privacy community.

The workshop will include an informative session and a collaborative session. The informative session will include a keynote, brief updates on prominent existing privacy threat models, including MITRE PANOPTIC™ and LINDDUN, and presentations selected from participant submissions. In the collaborative session we will discuss the role of threat modeling in environmental privacy threat assessment.

Broadly, we hope this workshop will continue to forge new relationships across the privacy community around the topic of privacy threats, shape and guide the development of new and existing privacy threat models, and stimulate further research into privacy threats by providing an informative baseline on what privacy threat modeling is, as well as knowledge about the current state of the field, and ideas about operationalizing privacy threat models.

PARTICIPATION: This is a virtual workshop and open to all.

TOPICS OF INTEREST INCLUDE:
- Definitions of a privacy incident, attack, threat, and breach
- Distinctions between privacy threats, privacy vulnerabilities, and privacy harms
- Describing or categorizing privacy threats, including taxonomies or ontologies for privacy incidents, attacks, threats, and breaches
- Applicability and limitations of security threat modeling techniques for privacy
- Integration of threat models in risk models and risk management
- Privacy threat-informed defense
- Qualitative versus quantitative threat modeling
- Trade-offs between specific and general models
- Operationalizing privacy threat models
- Privacy threat case studies

SUBMISSIONS OPEN: Wednesday, May 1, 2024

SUBMISSION DEADLINE: Thursday, May 23, 2024, 23:59 AOE

DECISIONS ANNOUNCED: Thursday, June 6, 2024

SUBMISSION INSTRUCTIONS: We are soliciting short presentation proposals (1-page abstracts using the USENIX template) for 15-minute talks at the workshop related to privacy attacks, threats, and threat modeling. These may take the form of:
- Positions, arguments, or perspectives
- Proposals of processes, methodologies, or solutions
- Novel ideas
- Previously published results
- Works in progress
- Case studies

Submissions should include author names and affiliations. Workshop presentation abstracts and slide decks will be posted on the workshop website. These submissions will not be considered "published" work and should not preclude publication or presentation elsewhere.

Proposals can be submitted through HotCRP at: https://wptm2024.usenix.hotcrp.com/

The portal for presentation proposals will open Wednesday, May 1st and close Thursday, May 23rd.

Proposers will be notified of decisions Thursday, June 6th. Submission details also will be available on the workshop website when it goes live on April 25th. Please email ptmworkshop@mitre.org with questions.

WORKSHOP WEBSITE (AS OF APRIL 25TH): https://ptmworkshop.gitlab.io/

PROGRAM COMMITTEE:
- Cara Bloom, Netflix
- Jason Cronk, EnterPrivacy
- Stuart Shapiro, MITRE
- Laurens Sion, KU Leuven

TENTATIVE AGENDA:
11:00 Introduction and welcome
11:05 Keynote and Q&A
11:40 Threat model updates
12:10 Presentations and Q&A
12:55 Break
1:05 Breakouts
1:35 Full group discussion
2:00 Closing