

8th USENIX Security Symposium

Sponsored by USENIX in cooperation with The CERT Coordination Center

August 23-26, 1999

Marriott Hotel, Washington, D.C.

Important Dates for Refereed Papers

Paper submissions due: *March 9, 1999*

Author notification: *April 27, 1999*

Camera-ready final papers due: *July 12, 1999*

Registration materials available: *May, 1999*

Conference Organizers

Program Chair

Win Treese, *Open Market, Inc.*

Program Committee

Fred Avolio, *Avolio Consulting*

Crispin Cowan, *Oregon Graduate Institute*

Jim Duncan, *Pennsylvania State University*

Carl Ellison, *Intel Corporation*

Dan Geer, *CertCo*

Peter Gutmann, *University of Auckland*

Trent Jaeger, *IBM*

Wolfgang Ley, *DFN-CERT*

Alain Mayer, *Bell Laboratories, Lucent Technologies*

Christoph Schuba, *Sun Microsystems Laboratories*

Peter Trei, *Security Dynamics, Inc.*

Dan Wallach, *Princeton University*

Invited Talks Coordinator

Avi Rubin, *AT&T Labs Research*

Overview

The USENIX Security Symposium brings together researchers, practitioners, system administrators, system programmers, and others interested in the latest advances in security and applications of cryptography.

This symposium will last for four days. Two days of tutorials will be followed by two days of technical sessions including refereed papers, invited talks, works-in-progress, and panel discussions.

Tutorials, Mon. and Tues., August 23&24

Tutorials for both technical staff and managers will provide immediately useful, practical information on topics such as local and network security precautions, what cryptography can and cannot do, security

mechanisms and policies, firewalls and monitoring systems.

If you are interested in proposing a tutorial, contact the tutorial coordinator, Dan Klein, by phone at +1.412.422.0285 or by email to dvk@usenix.org.

Technical Sessions, Wed. and Thurs., August 25&26

In addition to the keynote presentation, the technical program includes refereed papers, invited talks, a Works-in-Progress session, and panel discussions. There will be Birds-of-a-Feather sessions both evenings. You are invited to make suggestions to the program chair via email to securitychair@usenix.org.

Papers that have been formally reviewed and accepted will be presented during the symposium and published in the symposium proceedings. The proceedings are provided free to technical session attendees. Additional copies will be available for purchase from USENIX.

Symposium Topics

Refereed paper submissions are being solicited in areas including but not limited to:

Adaptive security and system management

Analysis of malicious code

Applications of cryptographic techniques

Attacks against networks and machines

Authentication and authorization of users, systems, and applications

Detecting attacks, intrusions, and computer misuse

Developing secure systems

File and file system security

Network security

New firewall technologies

Public key infrastructure

Security in heterogeneous environments

Security incident investigation and response

Security of agents and mobile code

Technology for rights management and copyright protection

World Wide Web security

Note that this symposium is not about new codes, ciphers, nor cryptanalysis for its own sake.

How to Submit a Refereed Paper

Papers should represent novel scientific contributions in computer security with direct relevance to the engineering of secure systems for the commercial sector.

Authors must submit a mature paper in PostScript format. Any incomplete sections (there shouldn't be many) should be outlined in enough detail to make it clear that they could be finished easily. Full papers are preferred, and should be about 8 to 15 typeset pages. Submissions must be received by March 9, 1999.

Along with your paper, please submit a separate email message in ASCII containing the title, all authors, and their complete contact information (phone, fax, postal address, email). Please indicate which author is the contact author and indicate any authors who are full-time students.

Authors will be notified of acceptance on April 27, 1999.

All submissions will be judged on originality, relevance, and correctness. Each accepted submission may be assigned a member of the program committee to act as its shepherd through the preparation of the final paper. The assigned member will act as a conduit for feedback from the committee to the authors. Camera-ready final papers are due on July 12, 1999.

If you would like to receive detailed guidelines for submission, you may telephone the USENIX Association office at 510.528.8649 or send email to securityauthors@usenix.org.

The Security Symposium, like most conferences and journals, requires that papers not be submitted simultaneously to another conference or publication and that submitted papers not be previously or subsequently published elsewhere. Papers accompanied by non-disclosure agreement forms are not acceptable and will be returned to the author(s) unread. All submissions are held in the highest confidentiality prior to publication in the Proceedings, both as a matter of policy and in accord with the U.S. Copyright Act of 1976.

Specific questions about submissions may be sent to the program chair via email to securitychair@usenix.org.

Best Paper Awards

Awards will be given for the best paper and best paper by a student at the conference.

Where to Submit

For reliability, please send one copy of your paper to the program committee via **both** of the following two methods. All submissions will be acknowledged.

¥ Email (PostScript) to: securitypapers@usenix.org

¥ Send a hard copy to:

USENIX - Security Symposium
2560 Ninth St., Ste. #215
Berkeley CA 94710 U.S.A.
Phone: 510.528.8649

Vendor Displays

Demonstrate your security products to our technically astute attendees responsible for security at their sites. Meet with attendees in this informal setting and demonstrate in detail your security solutions. We invite you to take part.

Contact:

Cynthia Deno

Email: cynthia@usenix.org

Phone: 408.335.9445 ¥ Fax: 408.335.5327

Works-in-Progress Session (WIPs)

The last session of the symposium will be a Works-in-Progress session consisting of five-minute presentations. Speakers should provide a one or two paragraph abstract to the program chair by 6:00 pm on Wednesday, August 25, 1999. These should be provided in person at the conference, not via email. The chair will post the schedule of presentations by noon on August 26. Experience at other conferences has shown that usually all of them are accepted. The five-minute time limit will be strictly enforced.

Invited Talks

There will be several invited talks at the conference in parallel with the refereed papers. If you have suggestions for possible speakers, please send them to security-it@usenix.org.

Registration Materials

Materials containing all details of the technical and tutorial programs, registration fees and forms, and hotel information will be available late May, 1999. To receive printed registration materials, please contact:

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