16th USENIX Security Symposium

http://www.usenix.org/sec07

August 6–10, 2007   **Boston, Massachusetts**

Important Dates
Paper submissions due: *February 3, 2007, 11:59 p.m. PST*
Panel proposals due: *March 29, 2007*
Notification to authors: *April 4, 2007*
Final papers due: *May 14, 2007*
Work-in-Progress reports due: *August 8, 2007, 6:00 p.m. EDT*

Symposium Organizers

Program Chair
Niels Provos, *Google Inc.*

Program Committee
Kostas Anagnostakis, *Institute for Infocomm Research, Singapore*
Dan Boneh, *Stanford University*
Hao Chen, *University of California, Davis*
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Paul Van Oorschot, *Carleton University*
Wietse Venema, *IBM Research*
Yi-Min Wang, *Microsoft Research, Redmond*

Invited Talks Committee
Bill Aiello, *University of British Columbia*
Angelos Keromytis, *Columbia University*
Gary McGraw, *Cigital*

Symposium Overview
The USENIX Security Symposium brings together researchers, practitioners, system administrators, system programmers, and others interested in the latest advances in the security of computer systems and networks. The 16th USENIX Security Symposium will be held August 6–10, 2007, in Boston, Massachusetts.

All researchers are encouraged to submit papers covering novel and scientifically significant practical works in security or applied cryptography. Submissions are due on February 3, 2007, 11:59 p.m. PST. The Symposium will span five days: a two-day training program will be followed by a two and one-half day technical program, which will include refereed papers, invited talks, Work-in-Progress reports, panel discussions, and Birds-of-a-Feather sessions.

Symposium Topics
Refereed paper submissions are solicited in all areas relating to systems and network security, including:

- ◆ Adaptive security and system management
- ◆ Analysis of network and security protocols
- ◆ Applications of cryptographic techniques
- ◆ Attacks against networks and machines
- ◆ Authentication and authorization of users, systems, and applications
- ◆ Automated tools for source code analysis
- ◆ Cryptographic implementation analysis and construction
- ◆ Denial-of-service attacks and countermeasures
- ◆ File and filesystem security
- ◆ Firewall technologies
- ◆ Forensics and diagnostics for security
- ◆ Intrusion and anomaly detection and prevention
- ◆ Malicious code analysis
- ◆ Network infrastructure security
- ◆ Operating system security
- ◆ Privacy-preserving (and compromising) systems
- ◆ Public key infrastructure
- ◆ Rights management and copyright protection
- ◆ Security architectures
- ◆ Security in heterogeneous and large-scale environments
- ◆ Security of agents and mobile code
- ◆ Security policy
- ◆ Self-protecting and healing systems
- ◆ Techniques for developing secure systems
- ◆ Technologies for trustworthy computing
- ◆ Voting systems analysis and security
- ◆ Wireless and pervasive/ubiquitous computing security
- ◆ World Wide Web security

Note that the USENIX Security Symposium is primarily a systems security conference. Papers whose contributions are primarily new cryptographic algorithms or protocols, cryptanalysis, electronic commerce primitives, etc., may not be appropriate for this conference.

Program committee members are limited to being authors or co-authors of at most two paper submissions. The program chair is not permitted to be author or co-author of any paper submissions.

Refereed Papers & Awards
Papers that have been formally reviewed and accepted will be presented during the Symposium and published in the Symposium Proceedings. It is expected that one of the paper authors will attend the conference and present the work. It is the responsibility of the authors to find a suitable replacement presenter for their work, if the need arises.

One author per paper may take a registration discount of $200. If the registration fee poses a hardship to the presenter, USENIX can offer complimentary registration

Symposium Proceedings

The Proceedings will be distributed to attendees and, following the Symposium, will be available online to USENIX members and for purchase. The online Proceedings will be made available for free to everyone one year after the conference.

Best Paper Awards

Awards may be given at the conference for the best overall paper and for the best paper for which a student is the lead author. Papers by program committee members are not eligible for these awards.

Training Program, Invited Talks, Panels, WiPs, and BoFs

In addition to the refereed papers and the keynote presentation, the technical program will include a training program, invited talks, panel discussions, a Work-in-Progress session (WiPs), and Birds-of-a-Feather sessions (BoFs). You are invited to make suggestions regarding topics or speakers in any of these sessions via email to the contacts listed below or to the program chair at sec07chair @usenix.org.

Training Program

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 or suggesting a topic, contact the USENIX Training Program Coordinator, Dan Klein, by email to tutorials@usenix.org.

Invited Talks

There will be several outstanding invited talks in parallel with the refereed papers. Please submit topic suggestions and talk proposals via email to sec07it@usenix.org.

Panel Discussions

The technical sessions may include topical panel discussions. Please send topic suggestions and proposals to sec07chair@usenix.org. The deadline for panel proposals is March 29, 2007.

Work-in-Progress Reports (WiPs)

One session of the Symposium will consist of Work-in-Progress reports (WiPs). This session offers short presentations about work in progress, new results, or timely topics. Speakers should submit a one- or two-paragraph abstract to sec07wips@usenix.org by 6:00 p.m. EDT on Wednesday, August 8, 2007. Make sure to include your name, affiliation, and the title of your talk. The schedule of presentations and accepted abstracts will be posted on the Symposium Web site. The time available will be distributed among the presenters, with each speaker allocated between 5 and 10 minutes. The time limit will be strictly enforced.

Birds-of-a-Feather Sessions (BoFs)

Birds-of-a-Feather sessions (BoFs) will be held Tuesday, Wednesday, and Thursday evenings. Birds-of-a-Feather sessions are informal gatherings of persons interested in a particular topic. BoFs often feature a presentation or a demonstration followed by discussion, announcements, and the sharing of strategies. BoFs can be scheduled on-site or in advance. To preschedule a BoF, please send email to the USENIX Conference Department at bofs@usenix.org with the title and a brief description of the BoF; the name, title, affiliation, and email address of the facilitator; and your preference of date and time.

How and Where to Submit Refereed Papers

Papers are due by February 3, 2007, 11:59 p.m. PST. All submissions will be made online, and details of the submissions process will be made available on the Call for Papers Web site, http://www .usenix.org/events/sec07/cfp, well in advance of the deadline. Submissions should be finished, complete papers.

Paper submissions should be about 10 to a maximum of 20 typeset pages, formatted in 1 column, using 11 point Times Roman type on 12 point leading, in a text block of 6.5" by 9". Once accepted, papers must be reformatted to fit in 8 to 16 pages in a 2-column format, using 10 point Times Roman type on 12 point leading, in a text block of 6.5" by 9". The page limits are intended to include the bibliography and any appendices. Reviewers may not take into consideration any portion of a submission that is over the stated limit.

*Paper submissions **must not** be anonymized.*

Submissions must be in PDF format (i.e., processed by Adobe's Acrobat Distiller or equivalent). Note that LaTeX users can use the "dvipdf" command to convert a DVI file into PDF format. Please make sure your submission can be opened using Adobe Acrobat 4.0. For more details on the submission process, authors are encouraged to consult the detailed author guidelines.

To insure that we can read your PDF file, authors are urged to follow the NSF "Fastlane" guidelines for document preparation, and to pay special attention to unusual fonts. For more details, see:

◆ https://www.fastlane.nsf.gov/documents/pdf_create /pdfcreate_01.jsp
◆ https://www.fastlane.nsf.gov/documents/tex/tex_01.jsp

All submissions will be judged on originality, relevance, correctness, and clarity. In addition to citing relevant published work, authors should relate their submission to any other relevant submissions of theirs in other venues that are under review at the same time as their submission to the Symposium. Simultaneous submission of the same work to multiple venues, submission of previously published work, and plagiarism constitute dishonesty or fraud. USENIX, like other scientific and technical conferences and journals, prohibits these practices and may, on the recommendation of a program chair, take action against authors who have committed them. In some cases, program committees may share information about submitted papers with other conference chairs and journal editors to ensure the integrity of papers under consideration. If a violation of these principles is found, sanctions may include, but are not limited to, barring the authors from submitting to or participating in USENIX conferences for a set period, contacting the authors' institutions, and publicizing the details of the case.

Authors uncertain whether their submission meets USENIX's guidelines should contact the program chair, sec07chair@usenix .org, or the USENIX office, submissionspolicy@usenix.org.

Papers accompanied by nondisclosure agreement forms will not be considered. All submissions are treated as confidential, both as a matter of policy and in accord with the U.S. Copyright Act of 1976.

Authors will be notified of acceptance by April 4, 2007. The camera-ready final paper due date is May 14, 2007. 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.

Specific questions about submissions may be sent via email to the program chair at sec07chair@usenix.org.

Program and Registration Information

Complete program and registration information will be available in May 2007 on the Symposium Web site, both in HTML and PDF. If you would like to receive the latest USENIX conference information, please join our mailing list at http://www.usenix.org/about/mailing .html.