Announcement and Call for Papers **USENIX**

3rd Workshop on Steps to Reducing Unwanted Traffic on the Internet (SRUTI '07)

Sponsored by USENIX, The Advanced Computing Systems Association

http://www.usenix.org/sruti07

June 18, 2007 **Santa Clara, CA, USA**

Co-located with the 2007 USENIX Annual Technical Conference, which will take place June 17–22, 2007

Important Dates

Submissions due: *Tuesday, April 17, 2007, 0400 UTC (Monday, April 16, 2007, 11:00 p.m. EST)*
Notification of acceptance: *Saturday, May 5, 2007*
Final papers due: *Tuesday, May 15, 2007*

Workshop Organizers

Program Chair
Steven M. Bellovin, *Columbia University*

Program Committee
Paul Barford, *University of Wisconsin*
Pei Cao, *Stanford University*
Richard Clayton, *University of Cambridge*
Bill Cheswick, *Consultant*
Nick Feamster, *Georgia Institute of Technology*
Farnam Jahanian, *University of Michigan*
Tadayoshi Kohno, *University of Washington*
Athina Markopoulou, *University of California, Irvine*
Chris Morrow, *Verizon Business*
Sean Smith, *Dartmouth University*
Oliver Spatscheck, *AT&T Labs—Research*
Lakshmi Subramanian, *New York University*
Paul van Oorschot, *Carleton University*
Yi-Min Wang, *Microsoft Research*

Steering Committee
Steven M. Bellovin, *Columbia University*
Balachander Krishnamurthy, *AT&T Labs—Research*
Ellie Young, *USENIX*

Overview

Attacks on the Internet continue apace, with unwanted traffic, such as phishing, spam, and distributed denial of service attacks increasing steadily. Such unwanted traffic is seen in many protocols (IP, TCP, DNS, BGP, and HTTP) and applications (e.g., email, Web), with increasing economic motivation behind them. SRUTI seeks research on the unwanted traffic problem that explores the underground economy by examining commonalities in attacks and possible solutions.

Original research, promising ideas, and possible solutions at all levels of the protocol stack are sought. We look for ideas in networking and systems, and insights from other areas such as economics. SRUTI seeks to foster better connections between academic and industrial research communities, as well as those operating various pieces of the Internet infrastructure.

SRUTI session chairs will play the role of a discussant, presenting a summary of the papers in the session and a state-of-the-art synopsis of the topic. The workshop will be interactive, with time for questions and answers. Submissions must contribute to improving the current understanding of unwanted traffic and/or suggestions for reducing it. All submissions to SRUTI '07 will be via the Web submission form, which will be available soon on the Call for Papers Web site, http://www.usenix.org/sruti07/cfp. The proceedings of the workshop will be published by USENIX. To ensure a productive workshop environment, attendance will be by invitation and/or acceptance of paper submission.

Topics

Relevant topics include:
- Architectural solutions to the unwanted traffic problem
- Scientific assessment of the spread and danger of the attacks
- Practical countermeasures to various aspects of unwanted traffic (phishing, spam, DoS, etc.)
- Cross-layer solutions and solutions to combination attacks
- Attacks on emerging technologies (e.g., sensors, VOIP, PDAs) and possible countermeasures
- Privacy and anonymity
- Intrusion avoidance, detection, and response

- All forms of malicious code
- Analysis of protocols and systems vulnerabilities
- Attacks on specific network technologies (e.g., wireless networks)
- New types of solutions: incentive-based, economic, statistical, collaborative, etc.

Paper Submissions

All submissions must be in English and must include a title and the authors' names and affiliations. Submissions should be no more than six (6) 8.5" x 11" pages long and must be formatted in 2 columns, using 10 point Times Roman type on 12 point leading, in a text block of 6.5" by 9". Papers should be submitted in PDF or PostScript only.

PDF users should use "Type 1" fonts instead of "Type 3," and should embed and subset all fonts. You can find instructions on how to do this at https://www.fastlane.nsf.gov/NSFHelp/Printdocs/FastLane_Help/pd_generate_pdf_files/pd_generate_pdf_files.pdf and http://ismir2005.ismir.net/pdf.html. Each submission should have a contact author who should provide full contact information (email, phone, fax, mailing address). One author of each accepted paper will be required to present the work at the workshop. Authors must submit their papers by 0400 UTC, Tuesday, April 17, 2007. This is a hard deadline—no extensions will be given. Final papers are due on Tuesday, May 15, 2007, to be included in the workshop proceedings.

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 at sruti07chair@usenix.org or the USENIX office, submissionspolicy@usenix.org.

Accepted material may not be published in other conferences or journals for one year from the date of acceptance by USENIX. Papers accompanied by nondisclosure agreement forms will not be read or reviewed. All submissions will be held in confidence prior to publication of the technical program, both as a matter of policy and in accordance with the U.S. Copyright Act of 1976.

How to Submit

Authors are required to submit papers by 0400 UTC, Tuesday, April 17, 2007. This is a hard deadline—no extensions will be given. All submissions to SRUTI '07 must be electronic, in PDF or PostScript, via a Web form, which will be available soon on the Call for Papers Web site, http://www.usenix.org/sruti07/cfp.

Authors will be notified of acceptance decisions via email by Saturday, May 5, 2007. If you do not receive notification by that date, contact the program chair at sruti07chair@usenix.org.