

## 2nd Workshop on Steps to Reducing Unwanted Traffic on the Internet (SRUTI '06)

Sponsored by the USENIX Association

<http://www.usenix.org/sruti06/cfp>

July 7, 2006

San Jose, CA, USA

### Important Dates

Submissions due: *Thursday, April 20, 2006, 0400 UTC*  
(*Wednesday, April 19, 11:00 p.m. EST*)

Notification of acceptance: *Thursday, May 18, 2006*

Final papers due: *Tuesday, June 6, 2006*

### Workshop Organizers

#### Program Chair

Steven M. Bellovin, *Columbia University*

#### Program Committee

Harald Alvestrand, *Cisco*

Dan Boneh, *Stanford University*

Jon Crowcroft, *Cambridge University*

Anja Feldmann, *Technische Universität München*

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Balachander Krishnamurthy, *AT&T Labs—Research*

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Niels Provos, *Google*

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Tara Whalen, *Dalhousie University*

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#### Publicity Chair

Lakshminarayanan Subramanian, *Intel Research,*  
*Berkeley/New York University*

### Overview

The Internet is under increasing attack, with unwanted traffic in the form of spam, distributed denial of service, viruses, worms, etc. Unwanted traffic on the Internet has manifested itself as attacks via many protocols (IP, TCP, DNS, BGP, and HTTP) and popular applications (e.g., email, Web). Often these attacks have a direct economic motivation. SRUTI seeks research on the

unwanted traffic problem that looks across the protocol stack, examines attack commonalities, and investigates how various solutions interact and whether they can be combined to increase security. Original research, promising ideas, and steps toward practical solutions at all levels are sought. We look for ideas in networking and systems, and insights from other areas such as databases, data mining, and economics. SRUTI aims to bring academic and industrial research communities together with those who face the problems at the operational level. SRUTI is a one-day event. Each session chair 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 highly interactive, with substantial time devoted to questions and answers. Submissions must contribute to improving the current understanding of unwanted traffic and/or suggestions for reducing it. All submissions to SRUTI '06 will be via the Web submission form, coming soon to <http://www.usenix.org/sruti06/cfp>. The Proceedings of the workshop will be published. 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 (spam, DoS, worms, etc.)
- ◆ Cross-layer solutions and solutions to combination attacks
- ◆ Attacks on emerging technologies (e.g., sensors, VOIP, PDAs) and their countermeasures
- ◆ Privacy and anonymity
- ◆ Intrusion avoidance, detection, and response
- ◆ Viruses, worms, and other malicious code

- ◆ Analysis of protocols and systems vulnerabilities
- ◆ Handling errors/misconfigurations that might lead to unwanted traffic
- ◆ Attacks on specific distributed systems (e.g., P2P) or network technologies (e.g., wireless networks)
- ◆ Data mining with application to unwanted traffic
- ◆ 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/documents/pdf\\_create/pdfcreate\\_01.jsp](https://www.fastlane.nsf.gov/documents/pdf_create/pdfcreate_01.jsp) 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, Thursday, April 20, 2006 (11:00 p.m. EST, Wednesday, April 19). This is a hard deadline—no extensions will be given. Final papers are due on Tuesday, June 6, 2006, 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 jour-

nals, 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 [sruti06chair@usenix.org](mailto:sruti06chair@usenix.org) or the USENIX office, [submissionpolicy@usenix.org](mailto:submissionpolicy@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, Thursday, April 20, 2006. This is a hard deadline—no extensions will be given. All submissions to SRUTI '06 must be electronic, in PDF or PostScript, via a Web form, which will be available at <http://www.usenix.org/sruti06/cfp/>.

Authors will be notified of acceptance decisions via email by Thursday, May 18, 2006. If you do not receive notification by that date, contact the program chair at [sruti06chair@usenix.org](mailto:sruti06chair@usenix.org).