

www.archive.org 415.561.6767 415.840-0391 e-fax

Internet Archive 300 Funston Avenue San Francisco, CA 94118

### AFFIDAVIT OF CHRISTOPHER BUTLER

- 1. I am the Office Manager at the Internet Archive, located in San Francisco, California. I make this declaration of my own personal knowledge.
- 2. The Internet Archive is a website that provides access to a digital library of Internet sites and other cultural artifacts in digital form. Like a paper library, we provide free access to researchers, historians, scholars, and the general public. The Internet Archive has partnered with and receives support from various institutions, including the Library of Congress.
- 3. The Internet Archive has created a service known as the Wayback Machine. The Wayback Machine makes it possible to surf more than 450 billion pages stored in the Internet Archive's web archive. Visitors to the Wayback Machine can search archives by URL (i.e., a website address). If archived records for a URL are available, the visitor will be presented with a list of available dates. The visitor may select one of those dates, and then begin surfing on an archived version of the Web. The links on the archived files, when served by the Wayback Machine, point to other archived files (whether HTML pages or images). If a visitor clicks on a link on an archived page, the Wayback Machine will serve the archived file with the closest available date to the page upon which the link appeared and was clicked.
- 4. The archived data made viewable and browseable by the Wayback Machine is compiled using software programs known as crawlers, which surf the Web and automatically store copies of web files, preserving these files as they exist at the point of time of capture.
- 5. The Internet Archive assigns a URL on its site to the archived files in the format http://web.archive.org/web/[Year in yyyy][Month in mm][Day in dd][Time code in hh:mm:ss]/[Archived URL]. Thus, the Internet Archive URL http://web.archive.org/web/19970126045828/http://www.archive.org/ would be the URL for the record of the Internet Archive home page HTML file (http://www.archive.org/) archived on January 26, 1997 at 4:58 a.m. and 28 seconds (1997/01/26 at 04:58:28). A web browser may be set such that a printout from it will display the URL of a web page in the printout's footer. The date assigned by the Internet Archive applies to the HTML file but not to image files linked therein. Thus images that appear on a page may not have been archived on the same date as the HTML file. Likewise, if a website is designed with "frames," the date assigned by the Internet Archive applies to the frameset as a whole, and not the individual pages within each frame.
- 6. Attached hereto as Exhibit A are true and accurate copies of printouts of the Internet Archive's records of the HTML files or PDF files for the URLs and the dates specified in the footer of the printout (HTML) or attached coversheet (PDF).
  - 7. I declare under penalty of perjury that the foregoing is true and correct.

DATE: 5/13/19

Christopher Butler



# Exhibit A



**Organization Members** 

All About the Internet **Global Members** 

Home

#### All About the Internet Society

Other Conferences NDSS05 Home Conference Proceeding

Progran

Workshop REGISTRATION

About San Diego Hotel and Reservations



The 12th Annual Network and Distributed System Security Symposium Catamaran Resort Hotel San Diego, California 3-4 February 2005-Symposium 2 February 2005-Pre-Conference Workshop

#### Patron Sponsor:



#### Conference Proceedings now available

Welcome to the twelfth ANNUAL SYMPOSIUM ON NETWORK AND DISTRIBUTED SYSTEM SECURITY (NDSS'05) to be held in San Diego, California USA. Please join us to participate in what many members of the global Internet community have come to consider a "must attend" annual event.

We are proud and honored to once again be sponsored by THE INTERNET SOCIETY (ISOC) in 2005.



NDSS'05 brings together innovative and forward thinking members of the Internet community including leading-edge security researchers and implementers, globallyrecognized security-technology experts, and users from both the private and public sectors who design, develop, exploit, and deploy the technologies that define network and distributed system security.

NDSS'05 provides a balanced mix of technical papers (with a strong emphasis on implementation) and panels who discuss and debate new and practical approaches to security problems that are endemic to network and distributed systems.

Perhaps best of all, NDSS'05 offers a myriad of opportunities for extended Q&A (during sessions) and "hallway" discussions in a relaxed, informal setting. This continues to be a hallmark of the SYMPOSIUM where attendance is kept to a level that fosters the maximum exchange of technical and practical information on the successful deployment of existing security solutions as well the latest on emerging, candidate solutions to unsolved problems.

#### View information about previous conferences:

NDSS'04

NDSS'02

NDSS'01

1775 Wiehle Ave., Suite 102, Reston, VA, USA 20190-5108 Tel: +1 703 326 9880 Fax: +1 703 326 9881

4, rue des Falaises, CH-1205, Geneva, Switzerland Tel: +41 22 807 1444 Fax: +41 22 807 1445

This document <a href="http://www.isoc.org/isoc/conferences/ndss/05/index.shtml">http://www.isoc.org/isoc/conferences/ndss/05/index.shtml</a> was last updated Wednesday, 09-Feb-2005 13:40:31 EST.

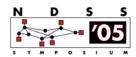
Copyright © 2005 Internet Society. All Rights Reserved.

Webmaster@ISOC.ORG

DOCKE.

NDSS'03





#### Network and Distributed System Security Symposium Conference Proceedings: 2005

**Organizing Committee** 

**General Chair's Message** 

Program Chairs' Message

### **Cryptography in Network Security**

Space-Efficient Block Storage Integrity - Alina Oprea, Carnegie Mellon University; Mike Reiter, Carnegie Mellon University; Ke Yang, Google

Improved Proxy Re-Encryption Schemes with Applications to Secure Distributed Storage - Giuseppe Ateniese, Johns Hopkins University; Kevin Fu, MIT; Matthew Green, Johns Hopkins University; Susan Hohenberger, MIT

Rekeying and Storage Cost for Multiple User Revocation - Sandeep S. Kulkarni, Michigan State University; Bezawada Bruhadeshwar, Michigan State University

#### **Denial of Service Attacks**

On a New Class of Pulsing Denial-of-Service Attacks and the Defense - Xiapu Luo, Hong Kong Polytechnic University; Rocky K. C. Chang, Hong Kong Polytechnic University

MOVE: An End-to-End Solution to Network Denial of Service - Angelos Stavrou, Columbia University; Angelos D. Keromytis, Columbia University; Jason Nieh, Columbia University; Vishal Misra, Columbia University; Dan Rubenstein, Columbia University

Security Analysis and Improvements for IEEE 802.11i - Changhua He, Stanford University; John C. Mitchell, Stanford University

#### **Peer-to-Peer Approaches**

<u>Privacy-Preserving Friends Troubleshooting Network</u> - Qiang Huang, *Princeton University*; Helen J. Wang, *Microsoft Research*; Nikita Borisov, *University of California*, *Berkeley* 

Pretty Secure BGP, psBGP - Tao Wan, Carleton University; Evangelos Kranakis, Carleton University; P.C. van Oorschot, Carleton University

#### **Internet Defense**

New Streaming Algorithms for Fast Detection of Superspreaders - Shobha Venkataraman, Carnegie Mellon University; Dawn Song, Carnegie Mellon University; Phillip B. Gibbons, Intel Research; Avrim Blum, Carnegie Mellon University

The Internet Motion Sensor - A Distributed Blackhole Monitoring System - Michael Bailey, University of Michigan; Evan Cooke, University of Michigan; Farnam Jahanian, University of Michigan; Jose Nazario, Arbor Networks; David Watson, University of Michigan

<u>DNS-based Detection of Scanning Worms in an Enterprise Network</u> - David Whyte, *Carleton University*; Evangelos Kranakis, *Carleton University*; P.C. van Oorschot, *Carleton University* 

#### **Intrusion Detection**

DIRA: Automatic Detection, Identification and Repair of Control-Hijacking Attacks - Alexey Smirnov, Stony Brook University; Tzi-cker Chiueh, Stony Brook University

<u>Dynamic Taint Analysis for Automatic Detection, Analysis, and SignatureGeneration of Exploits on Commodity Software</u> - James Newsome, Carnegie Mellon University; Dawn Song, Carnegie Mellon University



Enriching Intrusion Alerts Through Multi-Host Causality - Samuel T. King,, University of Michigan; Z. Morley Mao, University of Michigan; Dominic G. Lucchetti, University of Michigan; Peter M. Chen, University of Michigan

#### **Platform Security**

A Black-Box Tracing Technique to Identify Causes of Least-Privilege Incompatibilities - Shuo Chen, University of Illinois, Urbana-Champaign; John Dunagan, Microsoft Research; Chad Verbowski, Microsoft Research; Yi-Min Wang, Microsoft Research

One-Way Isolation: An Effective Approach for Realizing Safe Execution Environments - Weiqing Sun, Stony Brook University; Zhenkai Liang, Stony Brook University; V.N. Venkatakrishnan, Stony Brook University; R. Sekar, Stony Brook University

Copyright and Reprint Permissions: The Internet Society owns the copyrights for this publication and all of the papers contained herein. You may freely reproduce all or part of any paper for noncommercial purposes if you credit the author(s), provide notice to the Internet Society, and cite the Internet Society as the copyright owner. Reproduction for commercial purposes is strictly prohibited without the prior written consent of the Internet Society, the first-named author (for reproduction of an entire paper only), and the author's employer if the paper was prepared within the scope of employment.

Address your correspondence to: Director of Conferences and Education, Internet Society, 1775 Wiehle Avenue, Suite 102, Reston, Virginia 20190-5108, U.S.A., tel. +1 703 326 9880, fax +1 703 326 9881, orders@isoc.org.

The papers in this CD-Rom comprise the proceedings of the meeting mentioned above. They reflect the authors' opinions and, in the interest of timely dissemination, are published as presented and without change. Their inclusion in this publication does not necessarily constitute endorsement by the editors or the Internet Society.

ISBN Number 1-891562-20-7 (Paper) ISBN Number 1-891562-19-3 (CD-Rom)



# DOCKET

# Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

# **Real-Time Litigation Alerts**



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## **Advanced Docket Research**



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## **Analytics At Your Fingertips**



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

### API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

#### **LAW FIRMS**

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

#### **FINANCIAL INSTITUTIONS**

Litigation and bankruptcy checks for companies and debtors.

## **E-DISCOVERY AND LEGAL VENDORS**

Sync your system to PACER to automate legal marketing.

