

Security and Stability Advisory Committee

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<http://www.icann.org/committees/security>

Recent Documents

For a complete list of all SSAC documents visit the web site at:

<http://www.icann.org/committees/security/ssac-documents.htm>

[SAC022] SSAC Advisory on Domain Name Front Running (October 2007)

[SAC021] Survey of IPv6 Support Among Commercial Firewalls (5 October 2007)

[SAC020] SSAC Response to IDN Program Director regarding ICANN's proposal for IDN deployment at the root level of the DNS (23 July 2007)

[SAC019] SSAC Response to Comment Sought on DNS Root Zone Glue Policy (16 March 2007)

[SAC018] Accommodating IP Version 6 Address Resource Records for the Root of the Domain Name System (23 March 2007)

[SAC017] Testing Recursive Name Servers for IPv6 and EDNSO Support (12 February 2007)

[SAC016] Testing Firewalls for IPv6 and EDNSO Support (30 January 2007)

[SAC015] Why Top Level Domains Should Not Use Wildcard Resource Records (10 Nov 2006)

[SAC014] Information Gathering Using Domain Name Registration Records (28 Sep 2006)

[SAC013] SSAC Response to ICANN Letter re: Tralliance Proposed New Registry Service (6 September 2006)

[SAC012] SSAC Comments to the ICANN Board of Directors on Proposed Global Policy for Allocation of IPv6 Address Space (14 Jul 2006)

[SAC011] Problems caused by the non-renewal of a domain name associated with a DNS Name Server (7 Jul 2006)

SSAC Meeting

- Domain Name Front Running
- Survey of IPv6 Firewalls
- IPv6 Adoption Roundtable

Fostering the security and integrity of the Internet's naming and address allocation systems

SSAC

ICANN Security & Stability Advisory Committee

Wednesday, 31 October 2007

01:30pm - 03:00pm

Carmel Room

Los Angeles, California USA



SSAC Charter (Summarized)

The Committee on Security and Stability will advise the ICANN community and Board on matters relating to the security and integrity of the Internet's naming and address allocation systems. Its task are:

- ❖ To develop a security framework for Internet naming and address allocation services that defines the key focus areas.
- ❖ To communicate on security matters with the Internet technical community and the operators and managers of critical DNS infrastructure services as events and developments dictate.
- ❖ To engage in ongoing threat assessment and risk analysis of the Internet naming and address allocation services to assess where the principal threats to stability and security lie, and to advise the ICANN community accordingly.
- ❖ To communicate with those who have direct responsibility for Internet naming and address allocation security matters to ensure that its advice on security risks, issues, and priorities is properly synchronized with existing standardization, deployment, operational, and coordination activities.
- ❖ To make policy recommendations to the ICANN community and Board.

Meeting Agenda

Opening and Introduction

Steve Crocker, SSAC Chair

This session is the public presentation of the work of the Security and Stability Advisory Committee. The public is invited to interact with SSAC members with questions and comments.

Brief Updates

Steve Crocker, SSAC Chair

- *IDN Study*
- *Whois/SPAM Report*
- *DNS Fast Flux Attacks*

Registry Services Technical Evaluation Panel - Update

Lyman Chapin, RSTEP Chair

The RSTEP was created to provide fast responses when a new registry service is proposed and there are questions about possible security and/or stability issues.

Domain Name Front Running

Dave Piscitello, SSAC Fellow

This presentation considers the opportunity for a party with some form of insider information to preemptively register a domain name after an Internet user has checked its availability but not registered it. SSAC calls this behavior domain name front running. [This is a call for public comment.](#) We invite all parties who have information regarding a possible front running incident to report it to the committee with as much information as possible to assist SSAC in studying this matter further.

Meeting Agenda (cont.)

Survey of IPv6 Support in Firewalls

Dave Piscitello, SSAC Fellow

Commercial firewall vendors were contacted and asked to complete a survey regarding IPv4 and IPv6 networking and security service support in currently available products. Vendor responses were analyzed and key findings are illustrated in an aggregated fashion.

IPv6 Adoption Roundtable

Steve Crocker, Moderator

Fred Baker, Cisco

Vint Cerf, Google

Thomas Narten, IBM

The pending exhaustion of the free pool of IPv4 addresses is spurring new attention for IPv6. This round table will focus on whether the products and services are in place to permit large scale adoption of IPv6 and interoperation between IPv4 and IPv6 networks, and what steps are required of product vendors, network operators, content service providers, enterprises, and others.

Questions and Answers

SSAC Members and the Audience

Questions from the audience on any topic related to SSAC or RSTEP.