

Security & Stability Advisory Committee

Patrik Fältström



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SÉNÉGAL
N°42 23 - 28 October 2011



Agenda

- 9:00 to 9:15 am Introduction, Mission, Work Plan for 2012 - Patrik Fältström, SSAC Chair
- 9:15 to 9:30 am SAC051 WHOIS Taxonomy Report - Jim Galvin, SSAC Vice Chair
- 9:30 to 9:45 am Membership Annual Review Process - Jim Galvin, SSAC Vice Chair
- 9:45 to 10:00 am Measuring Outcomes - Ram Mohan, SSAC Liaison to the ICANN Board



2 October 2009

Introduction

- Security and Stability Advisory Committee
- Formed in 2001-2002
 - Decision to start: late 2001
 - First Operation: early 2002
- Provides guidance to ICANN Board, SOs and ACs, staff and general community
- Guidance areas are related to ICANN' s mission, DNS, addressing, etc.



3 October 2009

SSAC Charter/Mission

The role of the Security and Stability Advisory Committee ("SSAC") is to advise the ICANN community and Board on matters relating to the security and integrity of the Internet's naming and address allocation systems.

See: <http://www.icann.org/en/committees/security/charter-15sep11-en.htm>



SSAC Membership

- Members as of 31 December 2011: 34*
- Changes in 2011:
 - 4 New Members and 4 Departing Members*
- Changes in 2010:
 - 5 New Members and 5 Departing Members
 - ICANN Bylaws change appointing members to staggered terms of 1, 2, and 3 years, which necessitates an Annual Review Process to reappoint members when their terms end



*Pending departing members and Board new appointments and reappointments

Overview of Current Activities

Recently Published Work:

- SAC047 SSAC Comment on the ICANN gTLD Registry Transition Processes Model
- SAC048 SSAC Comment on the Definition of Orphan Glue
- SAC049 DNS Zone Risk Analysis
- SAC050 SSAC Advisory on DNS Blocking - Benefits Versus Harms
- SAC051 SSAC Report on WHOIS Terminology and Structure



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Overview of Current Activities, Cont.

Ongoing/New Work:

- Internationalized Registration Data Working Group Draft Final Report for Comment: <http://www.icann.org/en/public-comment/ird-draft-final-report-03oct11-en.htm>
- Membership Committee
- Dotless Domain Names
- Non-US-Centric DNS Filtering
- Additional WHOIS report



Key Messages: SAC050 Blocking

- Consider the possible harm that an intervention might cause.
- Do not adversely affect Internet users outside of the organization's policy domain.
- All technical approaches to DNS blocking and attempts to circumvent will impact:
 - Security and/or stability of users and applications; and
 - coherency or universal resolvability of the namespace.



Key Messages: SAC051 WHOIS

The ICANN community should:

1. Adopt the terminology outlined in SAC051.
2. Evaluate and adopt a replacement domain name registration data access protocol that supports the query and display of Internationalized Domain Name Registration Data (DNRD) as well as addressing the relevant recommendations in SAC 003, SAC 027 and SAC 033.
3. Develop a uniform and standard framework for accessing DNRD that would provide mechanisms to define and implement a range of verification methods, credential services, and access control capabilities.



Key Messages: SAC051 WHOIS, Cont.

Proposed Board Resolution:

RESOLVED (20XX.XX.XX.XX), the Board directs the staff to produce, in consultation with the community, a roadmap for the coordination of the technical and policy discussions necessary to implement the recommendations outlined in SAC 051: SSAC Report on Domain Name WHOIS Terminology and Structure

RESOLVED FURTHER (20XX.XX.XX.XX), the Board directs the staff to forward SAC 051: SSAC Report on Domain Name WHOIS Terminology and Structure to ICANN's advisory committees, supporting organization and other interested parties for their consideration and solicit their input on the proposed roadmap.



Key Messages: DNS Security Framework

- September 2011: ICANN Board Governance Committee establishes DNS Security Framework Working Group
- Charter and membership complete
- WG has a defined lifetime, although oversight task is ongoing
- Goals:
 - Oversee integration of this function into ICANN's regular staff activity
 - Review outcomes and milestones after integration into staff activity



Thank You



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Questions

