

SSAC Public Session Intro and Short Reports



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Security and Stability Advisory Committee (SSAC)

- External group of security experts
- Chartered by the ICANN Board
- Gives independent advice to...
 - Board, staff and other ICANN SOs and ACs
 - to community
- No authority – purely advisory

(External review of SSAC in progress)

Recent SSAC Documents

- [SAC038]: Registrar Abuse Contacts
(26 February 2009)
- [SAC037]: Whois Usage and Display
(pending)
- [SAC036]: SSAC Comments on the Draft
ICANN Strategic Plan for 2009-2012
(11 February 2009)

Agenda

- **Introduction**
- **Short Reports**
- **DNSSEC Status Update**
- **Registration Abuse Contact Info**
 - Dave Piscitello
- **Whois Display/Usage in other scripts**
 - Ram Mohan

Related Meetings

- DNSSEC Workshop
 - Wednesday 9:00 – 12:30, Don Diego 3
- External Review of SSAC
 - Thursday 8:00 – 9:30, Don Diego 2

Short Reports

- **Protecting High Value Domains**
- **Study of Scaling the Root**
- **Comments on ICANN's Strategic Plan**
- **Fast Flux Activities Update**

Protecting High Value Domains

- Multiple incidents involving weaknesses at registrars
- High value domains are targets through registrars as well as through direct means
- Advice to both registrars and registrants re stronger controls compared to mass market controls
- This is work in progress

Root Scaling Study

- Board asked RSSAC and SSAC to study effects of growing the root combined with complexity of IDN, IPv6 and DNSSEC
- Formal study, with external support, being organized
- Steering committee of RSSAC, SSAC and ICANN Staff
- Just starting

Comments on the Strategic Plan (1)

- Re new gTLDs, need to study impact of scaling and complexity. (Now started)
- Re Enhance security, stability and resiliency of the Internet's unique identifiers, concerns about mission creep and appearance this is a new mission.
- Re IPv4 depletion and IPv6 adoption, ICANN has a useful but limited role

Comments on the Strategic Plan (2)

- Re Improve confidence in the gTLD marketplace, protect registrations, not just continuity of operation
- Re Strive for excellence in core operations, document root update process, including metrics
- Re Strengthen processes for developing policy, improve use of technical advice to under both limits and possibilities

Fast Flux Activities

- Participation in GNSO Fast Flux WG
- Collaboration with APWG, ISOI, RISG, et. al. to
 - Expand our knowledge of current flux hosting techniques
 - Broaden our understanding of emerging botnet-based attack techniques
 - Consider ways to improve information sharing among parties who monitor attacks
- Ongoing effort in areas of education and awareness
 - ALAC, invited conference participation