

Security & Stability Advisory Committee Public Meeting

Patrik Fältström
SSAC Chair



Topics

1. Recent Publications
2. 2012 Work Plan
3. Key Messages
4. Internationalized Registration Data Working Group Final Report

Recent Publications

Published in 2012:

- [SAC053] SSAC Report on Dotless Domains
- [SAC052] SSAC Advisory on Delegation of Single-Character Internationalized Domain Name Top-Level Domains

Published in 2011:

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

2012 Work Plan

Current Work Parties/Working Groups/ Committees

- Membership Committee
- Internationalized Registration Data Working Group (IRD-WG)
- Domain Name System (DNS) Security and Stability Analysis Working Group (DSSA-WG)
- Impact of DNS Blocking Work Party
- Root Key Rollover Work Party

2012 Work Plan, Cont.

- **Public Meetings and Collaboration**
 - Regular meetings with law enforcement agencies
 - Briefings to Supporting Organizations and Advisory Committees at ICANN meetings
 - Briefings with other community groups as requested
- **Other Work Parties Identified for Future Work:**
 - Public interest (No Fee) Domain Holding Pen
 - Security and Stability Issues Relating to New gTLDs
 - Deployment of IPv6 in addition to IPv4

Key Messages: SAC051 WHOIS Taxonomy

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: SAC 052 SSAC Advisory on Delegation of Single-Character IDN TLDs

- The SSAC recommends a very conservative approach to the delegation of single-character IDN top-level domains.
 - Delegation of all single-character IDN TLDs in all scripts should be *disallowed* by default.
 - Exceptions may be made for some scripts, but only after careful consideration of potential confusability both within and across scripts.
- ICANN should review the Findings of this report, and any policies that it adopts in response to Recommendation 1, no later than one year after the three work items mentioned above have been completed.

Key Messages: SAC 053 Dotless Domains

Dotless domains will not be universally reachable, and the SSAC recommends strongly against their use. The SSAC also recommends that the use of DNS resource records such as A, AAAA, and MX in the apex of a Top-Level Domain (TLD) be contractually prohibited where appropriate and strongly discouraged in all cases.

Internationalized Registration Data Working Group Final Report

1. SSAC recommends the development of a data model for domain name registration data.
2. SSAC would like to work jointly with the GNSO council to request a common Issue Report on translation and transliteration of contact information.
3. ICANN staff should work with the community to identify a Domain Name Registration Data Access Protocol that meets the needs of internationalization, including but not limited to the work products resulting from recommendations 1 and 2, and the requirements enumerated in this report.

Internationalized Registration Data Working Group Final Report - Next Steps



- The IRD-WG submitted its Final Report to the GNSO and SSAC for consideration and approval on 06 March 2012.
- If changes are requested from either the GNSO or the SSAC the IRD-WG will address them and submit the revised report to both the GNSO and the SSAC for consideration and approval.
- Once the GNSO and the SSAC have approved the final version of the report SSAC would like to work with the GNSO to jointly submit it to the Board.

Questions