SSAC Activities Update

Patrik Fältström, SSAC Chair | ICANN58 | March 2017

ICANN

Agenda

1 Overview

2 Work in Progress and Future Milestones

3 SSAC Publications Since ICANN57

4 Community Interaction

Security and Stability Advisory Committee (SSAC)

Who We Are

- 31 Members
- Appointed by the ICANN Board

What We Do

Charter: Advise the ICANN community and Board on matters relating to the security and integrity of the Internet's naming and address allocation systems.

What is Our Expertise

- Addressing and Routing
- Domain Name System (DNS)
- DNS Security Extensions (DNSSEC)
- Domain Registry/Registrar Operations
- DNS Abuse & Cybercrime
- Internationalization (Domain Names and Data)
- Internet Service/Access Provider
- ICANN Policy and Operations

How We Advise
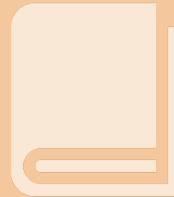
91 Publications since 2002

- REPORTS
- ADVISORIES
- COMMENTS

OUTREACH

Security and Stability Advisory Committee (SSAC)

ICANN's Mission & Core Values

- ⦿ To ensure the stable and secure operation of the Internet's unique identifier systems.

- ⦿ Preserving and enhancing the operational stability, reliability, security and global interoperability of the Internet.

SSAC Publication Process

Form Work Party	→	Research and Writing

↓

Publish	←	Review and Approve
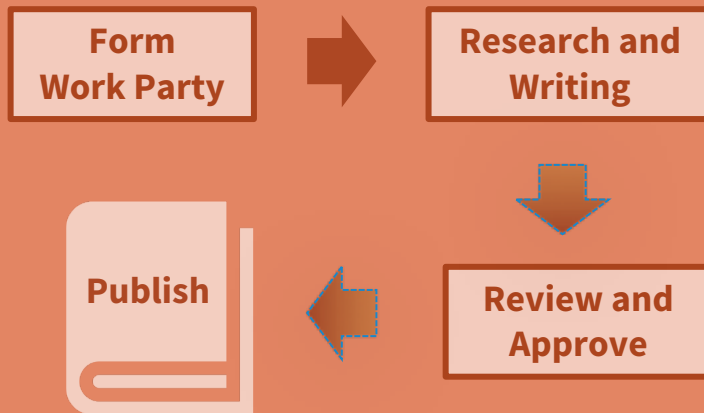
Consideration of SSAC Advice

(to the ICANN Board)

SSAC Submits Advice to ICANN Board

↓

Board Acknowledges & Studies the Advice

↓

Board Takes Formal Action on the Advice

1. Policy Development Process	3. Dissemination of Advice to Affected Parties
2. Staff Implementation with Public Consultation	4. Chose different solutions (explain why advice is not followed)

Security and Stability Advisory Committee (SSAC)

Current Work Parties

- ⊙ Management of the Name Space
- ⊙ IDN Harmonization
- ⊙ CZDS/Rate Limiting
- ⊙ Managing the Risk of Delegating New TLDS
- ⊙ DNSSEC Workshops (Ongoing)
- ⊙ Membership Committee (Ongoing)

Recent Publications

[SAC091] SSAC Comment on Identifier Technology Health Indicators (20 January 2017)

[SAC090] SSAC Advisory on the Stability of the Domain Namespace (22 December 2016)

[SAC088] and [SAC089] SSAC Responses to ccNSO Comments on SAC084 (06 November and 12 December 2016)

[SAC085], [SAC086], and [SAC087]: SSAC Responses to GNSO Policy Development Process (PDP) Working Groups

ICANN | SSAC
Security and Stability Advisory Committee

Outreach

🌐 ssac.icann.org and SSAC Intro: www.icann.org/news/multimedia/621

f www.facebook.com/pages/SSAC/432173130235645

▶ SAC067 SSAC Advisory on Maintaining the Security and Stability of the IANA Functions Through the Stewardship Transition and SAC068 SSAC Report on the IANA Functions Contract: www.icann.org/news/multimedia/729

SSAC Workshops at the Internet Governance Forum

Work in Progress, Future Milestones, and Publications Since ICANN57

Patrik Fältström

Current Work in Progress

- Management of the Name Space

- IDN Harmonization

- CZDS/Rating Limiting

- Managing the Risk of Delegating New TLDs

- DNSSEC Sessions at ICANN Meetings (Ongoing)

- Membership Committee (Ongoing)

Current and Future Milestones

Q4 2016

Q1 2017

Q2 2017

- ✓ [SAC090] SSAC Advisory on the Stability of the Domain Namespace (22 December 2016)
- ✓ [SAC088] and [SAC089] SSAC Responses to ccNSO Comments on SAC084 (06 November and 12 December 2016)

- ✓ [SAC091] SSAC Comment on Identifier Technology Health Indicators (20 January 2017)
- ➤ DNSSEC Workshop at ICANN58
- ➤ Possible Advisory on IDN Harmonization
- ➤ Possible Advisory on CZDS/Rate Limiting

- ➤ DNSSEC Workshop at ICANN59
- ➤ Possible Advisory on Management of the Namespace
- ➤ Possible Advisory on Managing the Risk of Delegating New TLDs

SSAC Publications Since ICANN57

- [SAC091] SSAC Comment on Identifier Technology Health Indicators (20 January 2017)

- [SAC090] SSAC Advisory on the Stability of the Domain Namespace (22 December 2016)

- [SAC088] and [SAC089] SSAC Responses to ccNSO Comments on SAC084 (06 November and 12 December 2016)

SSAC Publications Since ICANN57, Cont.

[SAC091] SSAC Comment on Identifier Technology Health Indicators (20 January 2017)

- SSAC reviewed the presentation on Identifier Technology Health Indicators (ITHI) and provided a response to the Call for Public Comments on "the description of five diseases that could affect the health of the name part of the system of unique Internet identifiers."

[SAC090] SSAC Advisory on the Stability of the Domain Namespace (22 December 2016)

- SSAC provides observations and recommendations directed at mitigating clearly identified risks and developing policies that provide practical guidance to software and system developers.

[SAC088] and [SAC089] SSAC Responses to ccNSO Comments on SAC084 (06 November and 12 December 2016)

- The SSAC provided comments on the ccNSO's evaluation of, and comments on SAC084, SSAC Comments on Guidelines for the Extended Process Similarity Review Panel for the IDN ccTLD Fast Track Process.

Questions from the Community

- How does the SSAC prioritize new work?

- How does the SSAC address requests from the ICANN Board and the community?

- How does the SSAC track the Board's response to SSAC advice?

- How does the SSAC inform the community of its work?

- How can the community track the Board's response to SSAC advice?

Questions to the Community

- Are the SSAC publications accessible and understandable:
  - How is the length (long, short, just right?)
  - How is the level of detail?
  - Do the publications reach their audience?
- How can the SSAC do a better job for the community?
- What can the SSAC do differently?
- What topics are missing from the current list of work parties?

Thank you