



Report on IDN Study Whois Study

Lisbon, Portugal

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SSAC IDN Study

- Goal
 - To determine whether the introduction of IDNs at the top level (IDN TLDs) has any impact on the Security & Stability of the Internet
- Team Composition
 - 8 to 10 technical people
 - Knowledgeable in IDNs
 - Able to work collaboratively
- Timeline
 - Gather team (March)
 - Inventory questions (Apr-May)
 - Review progress (July)
 - Draft outcomes report (Sep)
 - Final report (Oct)
- Output
 - A Primer to IDNs
 - Fact-sheets to support various concepts
 - Common IDN glossary
 - Outcomes Report

SSAC IDN Study (cont.)

Key Goals:

- **Provide common glossary of IDN terms**
- **Identification of Security & Stability Issues**
- **Level of completeness of identification effort**
- **Provide candidate solutions where such solutions are apparent**
- **Provide a range of available spaces for policy-making (ie., which areas are technical “no-go” areas)**

SSAC IDN Study (cont.)

Key Goals:

- **Explain clearly to the community, what security concerns might exist**
 - **What actions to take**
- **If no concerns exist, help support movement towards declaring “Introduction of IDNs at the top level do not pose a security/stability problem”**

SSAC Whois Spam Study

Study into correlation between publication of Whois data and incidence of spam

Does the publication of details in the whois result in an increase in spam?

Said another way, do spammers appear to glean email addresses from whois, or do they have other means of finding deliverable addresses (e.g. automated name generators)?

SSAC Whois Spam Study

- **Hypothesis to prove/disprove:**
 - Publication of WHOIS data appears to result in more spam than when the WHOIS data is not published.
 - Measures to protect WHOIS data (e.g. proxy, captchas) appear to mitigate spam
 - Registrar and domain name don't matter—spammers are equal opportunity.

SSAC Whois Spam Study

Monitor names via the following matrix:

	Proxy Service	No Proxy Service
Protected Whois	NameA.TLD1 NameA.TLD2	NameB.TLD1 NameB.TLD2
Non-protected Whois	NameA.TLD3 NameA.TLD2 SSAC IDN & Whois Study	NameB.TLD3 NameB.TLD2 Other names by registrar size



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