ICANN Security and Stability Advisory Committee

ICANN Meetings
Carthage
October 30, 2003
SECSAC Committee

- Steve Crocker, Chair
- Alain Patrick Aina
- Jaap Akkerhuis
- Doug Barton
- Steven M. Bellovin
- Rob Blokzijl
- David R. Conrad
- Johan Ihren
- Mark Kosters
- Allison Mankin
- Ram Mohan
- Russ Mundy
- Jun Murai
- Frederico A.C. Neves
- Ray Plzak
- Doron Shikmoni
- Ken Silva
- Bruce Tonkin
- Paul Vixie
- Rick Wesson

Staff support: Jim Galvin
SECSAC Committee Strengths

- Root Server Operators
- gTLD Operators
- ccTLD Operators
- Name Space Registries
- Regional Internet Registries (RIRs)
- Registrars
- Internet Security

No policy or political members(!)
On Sept 15, VeriSign introduced change to .com and .net domain
Redirected unassigned names to their own server (SiteFinder)
Immediate complaints and problem reports
Several actions, including SECSAC
SECSAC Involvement

- Advisory issued 9/22
- Public inputs
  - secsac-comment@icann.org
- Public meetings 10/7 & 10/15
- More public inputs
- Report will come toward end of November
SECSAC in the larger process

- SECSAC is an advisory committee
  - We only speak. We don’t decide or enforce. Others may choose to listen.
  - ICANN management will deliberate and choose path following our report.
- Focus on Security and Stability
  - Not competition, etc.
  - But may include large issues
What Happened

- VeriSign used the wild card feature to redirect all uninstantiated names to their own servers
  - Previously, returned standard error code
  - This was a change to an existing service
- Some things broke
- Some took defensive action
  - BIND and other resolvers changed the address back into a non-existent domain error code
  - Some ISPs blocked the SiteFinder service
Broad Areas of Concern

- Abruptness
  - No notice or community involvement
  - But internal and private testing
- Is it the right thing?
  - Changes in the core vs innovation
  - Lots more to say
- Competition and contracts
  - Not our concern; belongs elsewhere
Initial Advisory

- VeriSign: Please roll back
- Tech Community: Please clarify specs
  - IETF, IAB, network and DNS operators
- ICANN: Please clarify procedures
10/7 Agenda

10:00 Welcome
10:20 VeriSign Site Finder
11:00 What was affected
11:30 Community Tech Responses
12:00 Information Flow
12:30 LUNCH
2:00 Protocol Problems and Architectural Issues
2:30 Internet Protocols and Innovation
3:00 Other Issues; Open Session
3:30 Next Steps
4:00 Adjourn

Arnaud de Borchgrave
Steve Crocker
Scott Hollenbeck
David Shairer
Paul Vixie
Richard M. Smith
Steven M. Bellovin
John C. Klensin
Steve Crocker
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>1:00</td>
<td>Welcome</td>
<td>Steve Crocker</td>
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<tr>
<td>1:15</td>
<td>VeriSign Business Overview of Site Finder</td>
<td>Anthony Renzette</td>
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<td>1:45</td>
<td>Technical Review Panel Summary</td>
<td>Scott Hollenbeck</td>
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<td>2:15</td>
<td>Technical Issues and VRSN Responses</td>
<td>Matt Larson</td>
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<td>2:45</td>
<td>Usability Market Research</td>
<td>Ben Turner</td>
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<td>3:15</td>
<td>Next Steps</td>
<td>Chuck Gomes</td>
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<td></td>
<td>BREAK</td>
<td>Rusty Lewis</td>
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<td>3:30</td>
<td>Measuring ISP Responses to SiteFinder</td>
<td>Benjamin Edelman</td>
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<td>3:45</td>
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<td>Hakon Haugnes</td>
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<td>4:15</td>
<td>Global Name Registry Statement</td>
<td>Geir Rasmussen</td>
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<td>4:30</td>
<td>Other Issues; Open Session</td>
<td>Steve Crocker</td>
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Tentative Issues

- Abruptness
- Rightness
- Systemic Stability
- Confidence
- Technical Clarity
- Process Clarity
- Displaced Costs

- Innovation at core vs edge
- Future architecture
- Role of standards
- Existing wild cards
  - .museum, et al
- Scope/size