



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 Koster**
- **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(!)



Preamble

- 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	Arnaud de Borchgrave Steve Crocker
10:20	VeriSign Site Finder	Scott Hollenbeck
11:00	What was affected	David Shairer
11:30	Community Tech Responses	Paul Vixie
12:00	Information Flow	Richard M. Smith
12:30	LUNCH	
2:00	Protocol Problems and Architectural Issues	Steven M. Bellovin
2:30	Internet Protocols and Innovation	John C. Klensin
3:00	Other Issues; Open Session	
3:30	Next Steps	Steve Crocker
4:00	Adjourn	



10/15 Agenda

1:00	Welcome	Steve Crocker
1:15	VeriSign Business Overview of Site Finder	Anthony Renzette
1:45	Technical Review Panel Summary	Scott Hollenbeck
2:15	Technical Issues and VRSN Responses	Matt Larson
2:45	Usability Market Research	Ben Turner
3:15	Next Steps	Chuck Gomes Rusty Lewis
3:30	BREAK	
3:45	Measuring ISP Responses to SiteFinder	Benjamin Edelman
4:15	Global Name Registry Statement	Hakon Haugnes Geir Rasmussen
4:30	Other Issues; Open Session	Steve Crocker



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