# Security and Stability Advisory Committee

Steve Crocker, Chair (Shinkuro)
Ray Plzak, Vice Chair (ARIN)
Dave Piscitello, SSAC Fellow
Jim Galvin, Exec (eList eXpress)

Alain Aina (Consultant)
Jaap Akkerhuis (NLnet Labs)
KC Claffy (CAIDA)
Johan Ihrén (Autonomica)
Rodney Joffe (Centergate)
Mark Kosters (Verisign)
Ram Mohan (Afilias)
Russ Mundy (SPARTA, Inc)
Frederico Neves (registro.br)
Jon Peterson (NeuStar)
Mike St. Johns (Nominum)
Doron Shikmoni (ForeScout)
Bruce Tonkin (Melbourne IT)
Paul Vixie (ISC)
Suzanne Woolf (ISC)

http://www.icann.org/committees/security/

## Recent Documents

For a complete list of all SSAC documents visit the web site at:

http://www.icann.org/committees/security/ssac-documents.htm

[SAC017] Testing Recursive Name Servers for IPv6 and EDNS0 Support (12 February 2007)

[SAC016] Testing Firewalls for IPv6 and EDNS0 Support (30 January 2007)

[SAC015] Why Top Level Domains Should Not Use Wildcard Resource Records (10 Nov 2006)

[SAC014] Information Gathering Using Domain Name Registration Records (28 Sep 2006)

[SAC013] SSAC Response to ICANN Letter re: Tralliance Proposed New Registry Service (6 Sep 2006)

[SAC012] SSAC Comments to the ICANN Board of Directors on Proposed Global Policy for Allocation of IPv6 Address Space (14 Jul 2006)

[SAC011] Problems caused by the non-renewal of a domain name associated with a DNS Name Server (7 Jul 2006)

[SAC010] Renewal Considerations for Domain Name Registrants (29 Jun 2006)

[SAC009] Alternative TLD Name Systems and Roots: Conflict, Control and Consequences (31 March 2006)

[SAC008] DNS Distributed Denial of Service (DDoS) Attacks (31 March 2006)

200703-003-A4

# SSAC Meeting
o Root AAAA Records
o Whois, IDN and other new projects

Fostering the security and integrity of the Internet's naming and address allocation systems

**SSAC**
ICANN Security & Stability Advisory Committee

28 March 2007
6:15pm – 7:15pm
Jade 1 & 2
Lisbon, Portugal

# SSAC Charter
## (Summarized)

The Committee on Security and Stability will advise the ICANN community and Board on matters relating to the security and integrity of the Internet's naming and address allocation systems.  Its task are:

❖ To develop a security framework for Internet naming and address allocation services that defines the key focus areas.

❖ To communicate on security matters with the Internet technical community and the operators and managers of critical DNS infrastructure services as events and developments dictate.

❖ To engage in ongoing threat assessment and risk analysis of the Internet naming and address allocation services to assess where the principal threats to stability and security lie, and to advise the ICANN community accordingly.

❖ To communicate with those who have direct responsibility for Internet naming and address allocation security matters to ensure that its advice on security risks, issues, and priorities is properly synchronized with existing standardization, deployment, operational, and coordination activities.

❖ To make policy recommendations to the ICANN community and Board.

# Meeting Agenda

**Opening and Introduction**
Steve Crocker, SSAC Chair

This session is the public presentation of the work of the Security and Stability Advisory Committee.  It is also a time when the public is invited to interact with SSAC members with questions and comments.

**Accommodating IP Version 6 Resource Records at the Root of the Domain Name System**
Dave Piscitello, SSAC Fellow

This report is being developed jointly by SSAC and the Root Server System Advisory Committee (RSSAC).  We have been testing nameservers and firewalls in anticipation of the deployment of IPv6 resource records in the root zone.  Dave Piscitello will present the findings and recommendations.

# Meeting Agenda (cont.)

**Registry Services Technical Evaluation Panel**
Lyman Chapin, RSTEP Chair

The RSTEP was created to provide fast responses when a new registry service is proposed and there are questions about possible security and/or stability issues.  Lyman Chapin will present an update.

**SSAC Update**
Steve Crocker, SSAC Chair

A short review of recent SSAC activities and work in progress will be presented.

● Whois study
  Ram Mohan

● IDN study
  Ram Mohan

● RegistrerFly
  Steve Crocker

**Questions and Answers**
SSAC Members and the Audience

Questions from the audience on any topic related to SSAC or RSTEP.