Update on ICANN's SSR Activities

8 December 2010

Patrick Jones

no. 39   5 - 10 December 2010

Security, Stability & Resiliency

Distributed team, with global reach and expertise in technical and policy issues impacting the Internet's unique identifier systems.

- Global Security Outreach (Engagement, Awareness) – Yurie Ito

- DNS Security Collaboration – John Crain

- DNS Capacity Building – John Crain

- Corporate Security & Business Continuity – Geoff Bickers, Patrick Jones

- Cross Departmental Program Support – Patrick Jones, Dave Piscitello

Current Activities

- Supporting Affirmation Review on DNS SSR

- Joint DNS Security & Stability Analysis WG

- DNS Capacity Building program – 3 training sessions since Brussels (Guatamala, Mali, Jordan)

- Meeting Security

- Organization Security (Personnel, Facilities, Operations)

- DNS Ops/L-root Contingency Exercise in Q1 2011

Current Activities

- Supporting IDN ccTLD Fast Track

- Supporting New gTLD program

- DNSSEC implementation (3rd KSK ceremony conducted on 1 Nov 2010, next one is Feb 2011)

- Risk analysis & data collection

- International exercises

- Improving internal continuity & information security

FY 11 Security, Stability & Resiliency Plan

- Detailed summary & analysis posted on 10 Nov

  - Most commenters generally supportive of the description of ICANN's role in SSR, but asked for clarification that ICANN not expand beyond its mission

  - Suggestions made to correct language, such as on Compliance, RPKI activities

  - Noted real need for system-wide analysis of risks and threats

FY 11 Security, Stability & Resiliency Plan

- Redline and Clean version of FY 11 SSR Plan posted: on Security team page & http://www.icann.org/en/announcements/announcement-13sep10-en.htm

- Inclusion of inputs clearly marked & attributed

- Thanks to Nominet for comments

Earlier Planning for FY 12 SSR Plan

- We're going to engage earlier on the next SSR Plan

- Consultations in Feb/Mar 2011

- Draft for April 2011

- Look for streamlined document, less repetitive, more actionable

2011-2014 Strategic Plan

- Updated the Strategic objectives for SSR:

  - Maintain & drive DNS uptime

  - Increase security of the overall systems of unique identifiers

  - Increase international participation in unique identifier security

  - Coordinate global DNS risk management

SSR Observations

- Need better data –

  - Documenting of known risks

  - Documenting of current work to mitigate threats

  - Better understanding of systems and volume on the DNS

- Recommendations for DNS risk management models & metrics

- Collaborative models for DNS security

For More Information

http://icann.org/en/security

patrick.jones at icann.org