

DNS CERT Update



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Third International Conference for ccTLD
Administrators and Registrars of CIS,
Central and Eastern Europe
Samara, Russia, September 7-10, 2010.

Brief History

- Feb 2009: Idea of centralised incident response for DNS was first raised at a conference sponsored by ICANN and Georgia Tech
 - http://www.gtisc.gatech.edu/pdf/DNS_SSR_Symposium_Summary_Report.pdf

Initiative and Business Case

- Feb 2010: ICANN published its “Strategic SSR Initiatives” and “DNS-CERT Business Case” documents
 - <http://www.icann.org/en/topics/ssr/strategic-ssr-initiatives-09feb10-en.pdf>
 - <http://www.icann.org/en/topics/ssr/dns-cert-business-case-19mar10-en.pdf>

Analysis

- May 2010: Analysis of comments published, including main themes next steps.
- <http://www.icann.org/en/public-comment/summary-analysis-strategic-ssr-initiatives-and-dns-cert-business-case-24may10-en.pdf>

Included...

Calls for more analysis and better understanding of the threats to DNS and

- More work was needed analyzing gaps regarding current activities and capabilities related to DNS security and resiliency
- Establishing a DNS-CERT falls outside ICANN's technical mandate and, if needed it should “include a broader range of stakeholders beyond those naturally part of the ICANN community”.

Next Steps (from document)

- Work with community to gather more data/risk analysis
- ICANN to engage with the CERT/Coordination Center at Carnegie-Mellon University to have CERT/CC facilitate a survey of CSIRTs.
- Conduct discussions with the community on the Operational Requirements and Collaborative Approaches Workshop findings.
- Hold further consultations at ICANN Brussels..

What has happened since

Still work going on along lines of studying need.

Paul Vixie published thoughts in Circle ID post and called for a BoF at ICANN Brussels

http://www.circleid.com/posts/20100617_towards_a_dnscert_definition/

Survey was sent to national response centers.

(Results expected by end of November)

- ICANN community agreed to establish a working group.
(Charter being drafted)

What next

We can expect the discussion to continue once the working group is established.

If you have questions on any of the ICANN published documents please contact Yurie Ito - Director, Global Security Programs <yurie.ito@icann.org> .

Thank You

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