ICANN 44 WORKSHOP

DNS Risk Management Framework Working Group

28 June 2012



Agenda

- Working group formation and charter
- Since Costa Rica: Final list of tasks
- Assessment
- Discussion



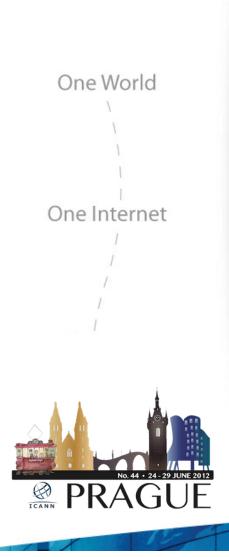


Working Group Members

Working Group Members

- Bill Graham [chair]
- Ray Plzak
- Ram Mohan [SSAC liaison]
- Suzanne Woolf (RSSAC liaison)
- Patrik Fältström [SSAC Chair]
- Bill Woodcock [CEO, Packet Clearing House]
- Roelof Meijer [CEO, SIDN]





Since Costa Rica

Definitions (1)

For WG purposes, the DNS consists of:

 a) DNS protocol, as specified in RFCs and implemented mainly by software developers: data formats, resolution process, definitions of "DNSSEC validation" and "recursion" and naming hierarchy; "technical," driven within IETF by process and history, indifferent to the

semantics/"meaning" of names



Definitions (2)

 b) DNS data, as specified in RFCs (base spec, DNSSEC, IDNA) and policy as developed by registries, registrars, governments, IANA, etc.; what's in the global, distributed DNS database that we access via the protocol;



Definitions (3)

C) DNS operations, as carried out by server operators: anycast, server location/provisioning best practices, operating system interfaces as provided to application writers.

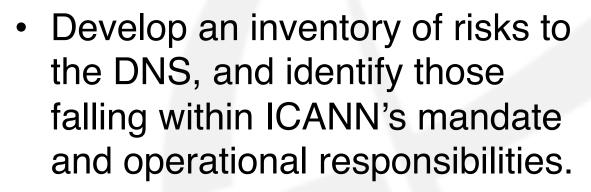
These distinctions make clear that different aspects of "the DNS" have different constituencies, risks, and imports.





Tasks specified in the RFP

Tasks (1)



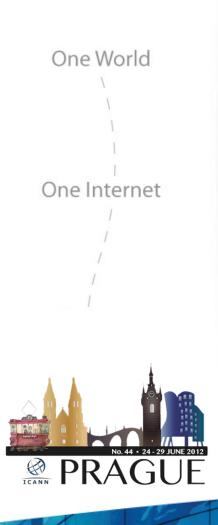
 Conduct an impact analysis of internal and external factors that would affect performance of ICANN's functions.



Tasks (2)

- Analyze the severity of impact for each of the identified risk factors.
- Identify what measures ICANN needs to put in place to anticipate and potentially mitigate the most probable and impactful risks to the DNS.





Staff Assessment for DNS Risk Management Framework Working Group (DNRMF WG)

Summary

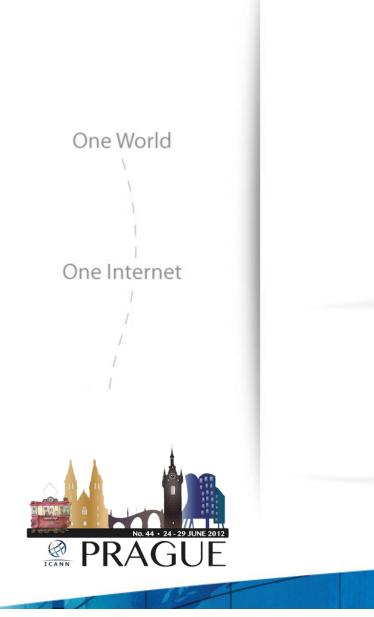


- Timeline and process
- Retain consultant
- ICANN security team to support and manage study
- Initial report/DNS Risk Management Framework
- Implementation phase under ICANN security team

The Assessment

- Proposed timeline
- Draft Request for Proposals
- List of tasks
- Background Material
- Related work

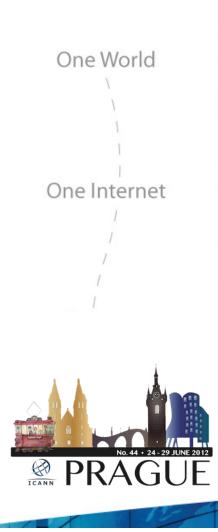




Discussion

Thank You





Questions