

# Replacement of the WHOIS protocol: RESTful Whois

ICANN Beijing  
10 April 2013



# Agenda

- + SAC 051 Roadmap [10 min]
- + RIRs progress with RESTful Whois – Paul Wilson [10 min]
- + Progress of IETF WEIRDS WG – Olaf Kolkman [10 min]
- + RESTful Whois open-source project – Linlin Zhou [15 min]
- + Q&A [15 min]

# SAC 051: SSAC Report on Domain Name WHOIS Terminology and Structure

# Overview

- + WHOIS is important for the Internet Community**
- + SSAC has produced several advisories related to WHOIS (SAC 027, SAC 033, SAC 051)**
- + Specifically, SAC051 exposes issues related to taxonomy and problems with the WHOIS protocol**
- + ICANN Board has requested a roadmap to implement SAC 051 recommendations**

# Roadmap to Implement SAC 051

- + **WHOIS is important for the Internet Community**
- + **SSAC has produced several advisories related to WHOIS (SAC 027, SAC 033, SAC 051)**
- + **Specifically, SAC051 exposes issues related to taxonomy and problems with the WHOIS protocol**
- + **ICANN Board has requested a roadmap to implement SAC 051 recommendations**

# SAC 051 Recommendations for the ICANN community

- + **Adopt the terminology outlined in SAC051.**
- + **Evaluate and adopt a replacement domain name registration data access protocol that supports the query and display of Internationalized Domain Name Registration Data (DNRD) as well as addressing the relevant recommendations in SAC 003, 027 and 033.**
- + **Develop a uniform and standard framework for accessing DNRD that would provide mechanisms to define and implement a range of verification methods, credential services, and access control capabilities.**

# Roadmap to Implement SAC 051

# Path Forward/ Replacing WHOIS

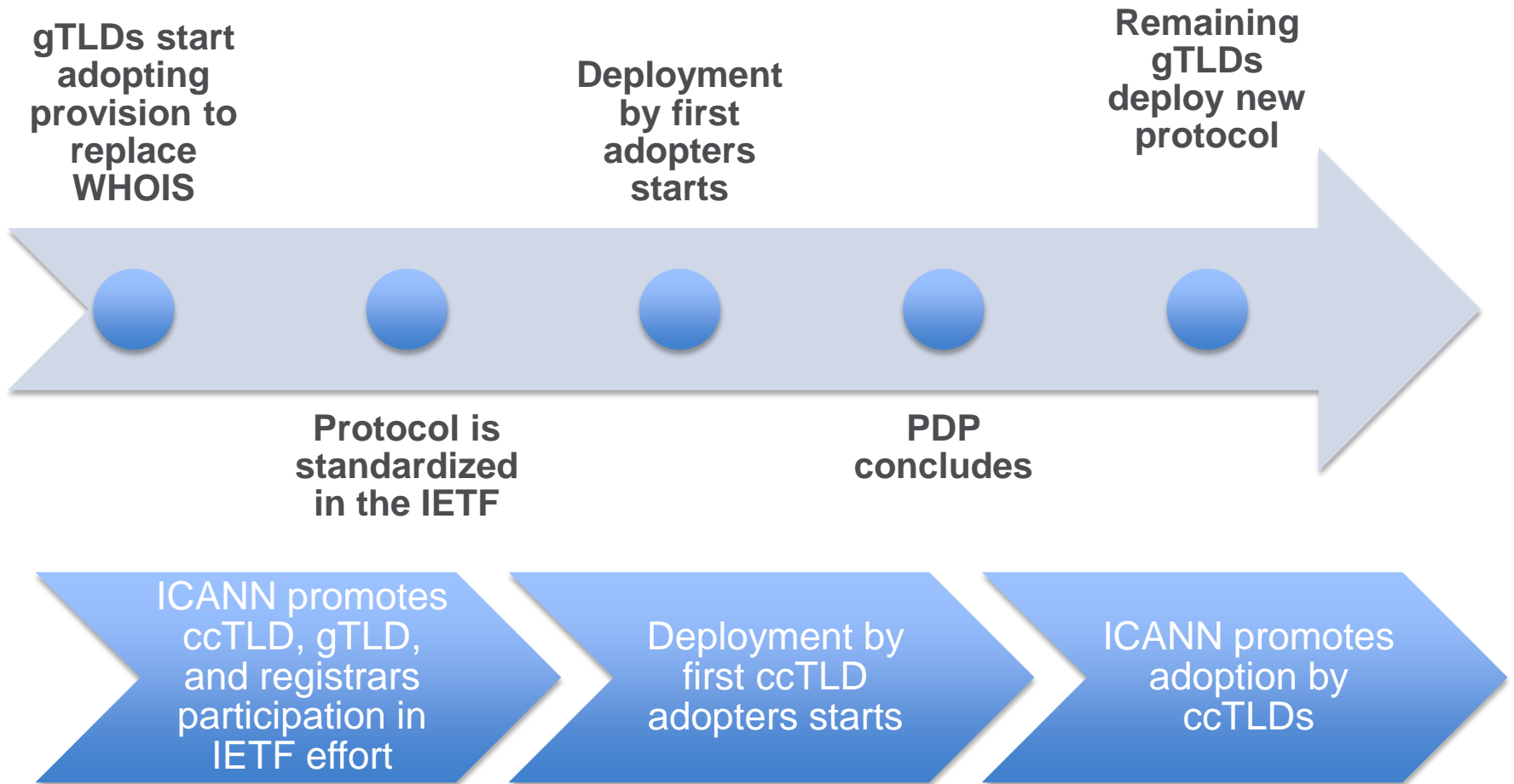
- + Promote participation of ccTLD and gTLD registries and registrars in the development of a protocol to replace WHOIS within the IETF**
- + Initiate a GNSO PDP with ccNSO, SSAC and ALAC participation to replace the WHOIS protocol**



# Path Forward/ Replacing WHOIS

- + Negotiate the inclusion of provisions in gTLD registries and registrars' contracts, as appropriate**
- + Establish/contribute to a project to develop an open-source implementation of the new protocol**
- + Promote adoption of the WHOIS replacement protocol within ccTLDs**

# Roadmap to Implement SAC 051



Thank You

Discussion and Questions