WEIRDS BoF (take two)

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The story so far

• WHOIS isn’t good enough anymore
  – No internationalization
  – No decent class-of-service capability
  – No reply format standards
  – No robust infrastructure

• This isn’t new, but the problem has remained for a very long time
  – People want a change, but it hasn’t happened
The story so far

• We took a run at dealing with this in the CRISP working group
  – Produced the IRIS requirements (RFC3707) and protocol suite
  – Has seen very sparse adoption due to perceived complexity, and political and technical inertia
  – So the problem is still here
The story so far

• ARIN and RIPE NCC took a run at doing something different
  – Deliver content over RESTful web services
  – Payload can be provided in text, HTML, XML or JSON
  – Can support UTF-8

• Benefits from the numerous advantages of the web infrastructure we have today
  – Open source, robust, extensible, authentication
The story so far

• Other RIRs (almost all of them) deployed their own prototypes based the proposed RIR drafts
• So we’re almost done!
• OK, not really. What about names? They have the same problem, right?
Taipei BoF

- Demonstrations from RIRs
- Skepticism from the floor
  - If we build it, who will come?
  - Why will this succeed where CRISP did not?
  - ICANN doesn’t require name registrars or registries to use this, and there was doubt they would
    - Name registries and registrars have little incentive to provide this service, and it’s not quite free
    - Privacy considerations
- Consensus appeared to be to do number registries first, then names
Since Taipei

• Several big name registrars have stepped forward to participate
• Displeasure with the “numbers first” posture of the draft charter
• Given the names momentum we’ve seen since Taipei, charter revised to bring them back to being on-par
• …so that’s what we’re here to discuss
Questions

• Is there still consensus that there’s a problem to be solved?
• Is there still consensus that we have stated the problem clearly and correctly?
• Given the number and size of the name registries that have signed up to help work on the protocol, are people still concerned about the ordering?
• Are there any unaddressed concerns with the charter?
Proposed Charters

http://www.ietf.org/mail-archive/web/weirds/current/msg00476.html
(Summary of proposals)

http://www.ietf.org/mail-archive/web/weirds/current/msg00833.html
(Andy Newton’s very latest)
Specific Charter Considerations

• Whether DNS names are included in the charter as possibly on-topic
• Whether DNS names have milestones for them (are they in-scope)
• The level of complication to be tolerated
• The comprehensiveness of the resulting protocol
• The degree to which the resulting protocol is extensible
Work Items

• With the remaining time available:
  – Any comments on the open documents?
    • draft-kucherawy-weirds-requirements
    • draft-newton-et-al-weirds-rir-json-response
    • draft-newton-et-al-weirds-rir-query
    • draft-sheng-weirds-icann-rws-dnrd
  – XML, JSON, something else?
  – Authentication methods?
  – Other topics?